



**Meeting of the Village of
Buffalo Grove
Village Board
Regular Meeting
March 18, 2024 at 7:30 PM
Jeffery S Braiman Council
Chambers
Fifty Raupp Blvd Buffalo Grove, IL
60089-2139**

1. Call to Order

- A. Pledge of Allegiance
- B. Roll Call

2. Approval of Minutes

- A. Rescheduled Regular Meeting - February 5, 2024
- B. Committee of the Whole Meeting - March 4, 2024

3. Approval of Warrant

- A. Approval of Warrant #1366

4. Village President's Report

5. Village Manager's Report

6. Special Business

7. Reports from Trustees

8. Consent Agenda

All items listed on the Consent Agenda, which are available in this room this evening, are considered to be routine by the Village Board and will be enacted by one motion. There will be no separate discussion of these items unless a Board member or citizen so requests, in which event, the item will be removed from the General Order of Business and considered after all other items of business on the Regular Agenda under New Business. (Attached).

- A. Ordinance Authorizing a Development Improvement Agreement with the Buffalo Grove Park District (Trustee Stein) (Staff Contact: Kyle Johnson)
- B. Approve an Ordinance Granting Fence Variation at 2731 Acacia Terrace (Trustee Weidenfeld) (Staff Contact: Nicole Woods)
- C. Authorization to Execute an Agreement for Ambulance Billing Services (Trustee Cesario)

(Staff Contact: William Baker)

- D. Authorization to Execute a Contract with BrineMasters, LLC (Trustee Bocek) (Staff Contact: James Warnstedt)
- E. Authorization to Bid Generator Replacement (Trustee Bocek) (Staff Contact: Tom Wisniewski)
- F. Ordinance Authorizing a Development Improvement Agreement with Aptakisic-Tripp CCSD 102 (Trustee Stein) (Staff Contact: Kyle Johnson)
- G. Revised 2024 Pay Ranges (Trustee Ottenheimer) (Staff Contact: Kathryn Golbach)
- H. Ordinance Authorizing an Engineering Services Agreement with Chastain & Associates LLC (Trustee Stein) (Staff Contact: Kyle Johnson)
- I. Ordinance Amending Chapter 5.20 of the Municipal Code (President Smith) (Staff Contact: Jessie Brown)
- J. Resolution Adopting the 2024 Zoning Map (Trustee Weidenfeld) (Staff Contact: Nicole Woods)
- K. Ordinance Authorizing the Village Manager to Execute an Agreement with FGM Architects for the Design of the Temporary Station 25 Building (Trustee Cesario) (Staff Contact: Lawrence Kane)
- L. Approve an Ordinance Granting Sign Variations at BMO Harris Bank at 500 Half Day Rd (Trustee Weidenfeld) (Staff Contact: Nicole Woods)

9. Ordinances and Resolutions

- A. Ordinance Approving an Agreement with Flock for Automated License Plate Recognition Cameras (Trustee Ottenheimer) (Staff Contact: Brian Budds)
- B. Authorization to Purchase Four (4) 2025 Ford Police Utility Vehicles from Currie Motors (Trustee Bocek) (Staff Contact: James Warnstedt)
- C. 2024 Sidewalk Improvements Award (Trustee Stein) (Staff Contact: Kyle Johnson)
- D. 2024 Pavement Patching Project Award (Trustee Stein) (Staff Contact: Kyle Johnson)
- E. Ordinance Approving an Amendment to the Village's Solid Waste Contract with Waste Management (Trustee Cesario) (Staff Contact: Christopher Stilling)
- F. Ordinance Providing for Compensation of the Village Manager (President Smith) (Staff Contact: Dane Bragg)
- G. 2024 Multi-Use Path Improvements Award (Trustee Stein) (Staff Contact: Kyle Johnson)

10. Unfinished Business

11. New Business

- A. Pre-Application Discussion for Athletic Field Renovations at BG High School at 1100 W

12. Public Comment

Public Comment is limited to items that are not on the regular agenda. In accordance with Section 2.02.070 of the Municipal Code, discussion on questions from the audience will be limited to 5 minutes and should be limited to concerns or comments regarding issues that are relevant to Village Board business. All members of the public addressing the Village Board shall maintain proper decorum and refrain from making disrespectful remarks or comments relating to individuals. Speakers shall use every attempt to not be repetitive of points that have been made by others. The Village Board may refer any matter of public comment to the Village Manager, Village staff or an appropriate agency for review.

13. Executive Session

- A. Executive Session - Section 2(C)(1) of the Illinois Open Meetings Act: the Appointment, Employment, Compensation, Discipline, Performance, or Dismissal of Specific Employees of the Public Body or Legal Counsel for the Public Body, Including Hearing Testimony on a Complaint Lodged Against an Employee of the Public Body or Against Legal Counsel for the Public Body to Determine Its Validity.
- B. Executive Session - Section 2(C)(21) of the Illinois Open Meetings Act: Discussion of Minutes of Meetings Lawfully Closed Under This Act, Whether for Purposes of Approval by the Body of the Minutes or Semi-Annual Review of the Minutes as Mandated by Section 2.06.

14. Adjournment

The Village Board will make every effort to accommodate all items on the agenda by 10:30 p.m. The Board, does, however, reserve the right to defer consideration of matters to another meeting should the discussion run past 10:30 p.m.

The Village of Buffalo Grove, in compliance with the Americans with Disabilities Act, requests that persons with disabilities who require certain accommodations to allow them to observe and/or participate in this meeting or have questions about the accessibility of the meeting or facilities, contact the ADA Coordinator at 847-459-2500 to allow the Village to make reasonable accommodations for those persons.

**MINUTES OF THE REGULAR MEETING OF THE VILLAGE PRESIDENT & BOARD OF
TRUSTEES OF THE VILLAGE OF BUFFALO GROVE HELD IN THE JEFFREY S. BRAIMAN
COUNCIL CHAMBERS, 50 RAUPP BOULEVARD, MONDAY, FEBRUARY 5, 2024**

CALL TO ORDER

President Smith called the meeting to order at 7:30 P.M. Those present stood and pledged allegiance to the Flag.

ROLL CALL

Roll call indicated the following present: President Smith; Trustees Johnson, Cesario, Stein, Bocek, and Weidenfeld. Trustee Ottenheimer was absent.

Also present were: Dane Bragg, Village Manager; Patrick Brankin, Village Attorney; Chris Stilling, Deputy Village Manager; Mike Skibbe, Deputy Village Manager/Director of Public Works; Katie Golbach, Human Resources Director; Rich Nahrstadt, Interim Human Resources Director; Molly Gillespie, Director of Communications; Chris Black, Director of Finance; Nicole Woods, Director of Community Development; Jim Warnstedt, Deputy Public Works Director; Tom Wisniewski, Buyer; Ted Sianis, Assistant Village Engineer; Brett Robinson, Administrative Services Director; Geoff Tollefson, Director of Golf Operations; Fire Chief Baker; and Police Chief Budds.

APPROVAL OF MINUTES

Moved by Weidenfeld, seconded by Bocek, to approve the minutes of the January 16, 2024, Regular Meeting. Upon roll call, Trustees vote as follows:

AYES: 5 – Johnson, Cesario, Stein, Bocek, Weidenfeld
NAYS: 0 – None
ABSENT: 1 – Ottenheimer
Motion declared carried.

WARRANT #1365

Mr. Black read Warrant #1365. Moved by Bocek, seconded by Cesario, to approve Warrant #1365 in the amount of \$3,629,265.76 authorizing payment of bills listed. Upon roll call, Trustees voted as follows:

AYES: 5 – Johnson, Cesario, Stein, Bocek, Weidenfeld
NAYS: 0 – None
ABSENT: 1 – Ottenheimer
Motion declared carried.

VILLAGE PRESIDENT’S REPORT

President Smith asked the members of HSS to come forward as he read a Proclamation in recognition of the **HEALTH FOR HUMANITY YOGATHON** (Surya Namaskar Yajna) organized by Hindu Swayamsevak Sangh USA January 13-28, 2024, and acknowledged HSS for organizing its annual event to promote the spiritual, mental, and physical wellbeing of all members of the community.

VILLAGE MANAGER’S REPORT

Mr. Bragg announced the promotion of **Katie Golbach** as our new **Human Resources Director** and noted her accomplishments with Buffalo Grove since joining us in 2018. Ms. Golbach thanked the Board and the staff for their confidence and noted how much she has learned since her arrival and how excited she is to be a part of all the exciting developments coming up in Buffalo Grove.

Mr. Bragg recognized and thanked our former Human Resources Director, Arthur Malinowski, who is responsible for bringing Ms. Golbach on board and mentoring her. Mr. Bragg also recognized and thanked our

Interim Human Resources Director, Rich Nahrstadt, who joined us in October to help with the transition and who also was a great resource for Ms. Golbach to move into this position.

Mr. Bragg noted that the February 20, 2024, Village Board meeting will be cancelled as several people will be unavailable, so the next Village Board meeting will be on **Monday, March 4, 2024**.

Ms. Gillespie and Chief Budds presented our new **Buffalo Grove Police Department Recruitment Video**, and highlighted the steps being taken to recruit high-quality talent to join the department.

CONSENT AGENDA

President Smith explained the Consent Agenda, stating that any member of the audience or the Board could request that an item be removed for full discussion; there were no such requests. The Village Clerk read a brief synopsis of each of the items on the Consent Agenda.

Resolution No. 2024-4 - 2024 Volume Cap

Motion to pass Resolution No. 2024-4 reallocating the 2024 Volume Cap to the Village of Buffalo Grove. The Village is host of the Private Activity Bond Clearinghouse for Lake County. This is the annual Resolution that transfers the Village's Volume Cap to the Clearinghouse.

Resolution No. 2024-5 - Revised 2024 Pay Ranges

Motion to pass Resolution No. 2024-5 approval of the Revised 2024 Pay Ranges. Included in Board packets are the proposed updated 2024 pay ranges. The document which became effective on January 1, 2024, has been modified to reflect a change in pay grade 21 to include the proposed new position of Human Resources Generalist.

Ordinance No. 2024-14 - CRM Project Implementation Services

Motion to pass Ordinance No. 2024-14 CRM, Project Implementation Services. Staff recommends authorizing the Village Manager to execute a supplemental statement of work with Municipal GIS Partners (MGP) for CRM Project Management, Implementation Services, and optional API for an amount not to exceed \$60,125.00, pending final review and approval of the agreement by the Village Attorney.

Ordinance No. 2024-15 - Lazy Dog Restaurants LLC

Motion to pass Ordinance No. 2024-15 authorizing a Development Improvement Agreement with Lazy Dog Restaurants LLC for their restaurant development located at 51 McHenry Road, subject to the receipt of the required fees and Village Attorney review.

Ordinance No. 2024-16 – Cellular Tower

Motion to pass Ordinance No. 2024-16 approval of an Amendment to the Special Use and Preliminary Plan and Zoning for a Cellular Tower at the Public Works facility at 1650 Leider Lane. The Public Works Department is seeking zoning approvals to allow a 120' tower to be constructed at 1650 Leider Lane.

Community Rating System - 2024 Annual Recertification

Motion to approve the Community Rating System 2024 Annual Recertification. The Village participates in the Community Rating System (CRS) by the National Flood Insurance Program (NFIP). As part of this participation, certain documents are required to be supplied to the community's governing board. These documents will also be made available on the Village website.

Contract Extensions with Multiple Vendors

Motion to authorize staff to execute the following Contract extensions as listed below and further detailed in the memo contained in Board packets.

- A two-year contract option with Fire Safety Consultants for plan review services.
- A one-year contract option with Chicago Trenchless Rehabilitation for sewer televising services.
- A one-year contract option with National Power Rodding Corp for sewer lining services.

Architectural Services

Motion to authorize staff to execute an agreement with FGM Architects for Architectural Services, pending final review and approval of the agreement by the Village Attorney. This is a one-year agreement with four possible one-year extensions.

Resolution No. 2024-6 - Bison Crossing

Motion to pass Resolution No. 2024-6 approving a Resolution authorizing the Village Manager to execute a Consent Agreement for Bison Crossing. As part of the Bison Crossing development, the Village is being requested to approve the consent agreement contained in Board packets. The consent agreement is part of an amendment to the existing cross access agreement between the Park District and the developer.

Moved by Bocek, seconded by Johnson, to approve the Consent Agenda as presented. Upon roll call, Trustees voted as follows on the Consent Agenda:

AYES: 5 – Johnson, Cesario, Stein, Bocek, Weidenfeld
 NAYS: 0 – None
 ABSENT: 1 – Ottenheimer
 Motion declared carried.

ORDINANCE NO. 2024-17 – ALDRIDGE ELECTRIC

Moved by Bocek, seconded by Johnson, to pass Ordinance No. 2024-17 authorizing execution of a contract with Aldridge Electric, Inc. for Streetlight Maintenance.

Mr. Warnstedt reviewed the proposed ordinance, details of which are contained in Mr. Beitzel's memo to Mr. Robinson of January 26, 2024.

Upon roll call, Trustees voted as follows:

AYES: 5 – Johnson, Cesario, Stein, Bocek, Weidenfeld
 NAYS: 0 – None
 ABSENT: 1 – Ottenheimer
 Motion declared carried.

ORDINANCE NO. 2024-18 – 1650 LEIDER LANE

Moved by Bocek, seconded by Weidenfeld, to pass Ordinance No. 2024-18 authorizing execution of a contract with Urban Communications, Inc. for a Communications Tower at 1650 Leider Lane.

Mr. Warnstedt reviewed the proposed ordinance, details of which are contained in his memo to Mr. Robinson of January 30, 2024, after which he answered questions from the Board.

Upon roll call, Trustees voted as follows:

AYES: 5 – Johnson, Cesario, Stein, Bocek, Weidenfeld
 NAYS: 0 – None
 ABSENT: 1 – Ottenheimer
 Motion declared carried.

ORDINANCE NO. 2024-19 – TREE PLANTING

Moved by Bocek, seconded by Cesario, to pass Ordinance No. 2024-19 award of bid for tree planting.

Mr. Wisniewski reviewed the proposed ordinance, details of which are contained in his memo to Mr. Bragg of February 1, 2024, after which he answered questions from the Board.

Upon roll call, Trustees voted as follows:

AYES: 5 – Johnson, Cesario, Stein, Bocek, Weidenfeld
NAYS: 0 – None
ABSENT: 1 – Ottenheimer
Motion declared carried.

QUESTIONS FROM THE AUDIENCE

President Smith reviewed the parameters to be followed by speakers and asked if there were any questions from the audience on items not on tonight's agenda.

Alva Kreitzer, President of Township High School 214 Board, stated that she is here tonight to thank the Village Board for the partnership with District 214 and the cooperation between both entities, particularly the upcoming renovations planned for the **Buffalo Grove High School** athletic fields. Mr. Bragg thanked Ms. Kreitzer for her comments and noted that there was a meeting between the two bodies this afternoon and it was very productive.

Cody Romano, owner of Everything Games in **Woodland Commons**, commented on an illegal gathering without a permit at the center this past weekend. Mr. Romano stated that his business alone lost about \$5,000.00 that day because of this large gathering, in addition to the trash strewn all over, the massive traffic congestion and general disruption to every business in the center. The police were unable to disperse the crowd because it was on private property, and he asked that the Board enact an ordinance to prohibit this from happening in the future.

EXECUTIVE SESSION

Moved by Weidenfeld, seconded by Cesario, to move to Executive Session to discuss: Section 2(C)(2) of the Illinois Open Meetings Act: Collective Negotiating Matters Between the Public Body and Its Employees or Their Representatives, or Deliberations Concerning Salary Schedules for One or More Classes of Employees.

Upon roll call, Trustees voted as follows:

AYES: 5 – Johnson, Cesario, Stein, Bocek, Weidenfeld
NAYS: 0 – None
ABSENT: 1 – Ottenheimer
Motion declared carried.

The Board moved to Executive Session from 8:05P.M. until 8:51 P.M.

ADJOURNMENT

Moved by Cesario, seconded by Johnson, to adjourn the meeting. Upon voice vote, the motion was unanimously declared carried.

The Regular Meeting was adjourned at 8:52 P.M.

Janet M. Sirabian, Village Clerk

APPROVED BY ME THIS 4th DAY OF March 2024

Village President

**MINUTES OF THE COMMITTEE OF THE WHOLE MEETING OF THE VILLAGE PRESIDENT &
BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE HELD IN THE
JEFFREY S. BRAIMAN COUNCIL CHAMBERS AT VILLAGE HALL, 50 RAUPP BOULEVARD,
BUFFALO GROVE, ILLINOIS, MONDAY MARCH 4, 2024**

CALL TO ORDER

President Smith called the meeting to order at 7:30 P.M. Those present stood and pledged allegiance to the Flag.

ROLL CALL

Roll call indicated the following present: President Smith; Trustees Johnson, Cesario, Ottenheimer, Stein, Bocek, and Weidenfeld.

Also present were: Dane Bragg, Village Manager; Patrick Brankin, Village Attorney; Chris Stilling, Deputy Village Manager; Mike Skibbe, Deputy Village Manager/Director of Public Works; Chris Black, Finance Director; Katie Golbach, Director of Human Resources; Molly Gillespie, Communications Director; Tim Kirsininkas, Communications Coordinator; Nicole Woods, Director of Community Development; Brett Robinson, Administrative Services Director; Deputy Police Chief Rodriguez; Deputy Police Chief Spolar; Fire Chief Baker; Deputy Fire Chief Kane.

The **Committee of the Whole Meeting** consisted of staff reports and Board discussion on the listed topics, with staff answering questions from the Board on each topic.

PROCLAMATION – THROMBOSIS AWARENESS MONTH

President Smith read a Proclamation declaring the month of April 2024 as **Thrombosis Awareness Month** in the Village of Buffalo Grove noting that this is the number one cause of unexpected hospital deaths in the United States, making Thrombosis a major public health concern. Bhakti Singh presented some facts about this medical condition.

2023 POLICE OFFICER OF THE YEAR

Buffalo Grove Rotary President Shawn Collins reviewed her credentials and accomplishments as he presented **Investigator Crystal Dibble** with the Police Department's highest honor, 2023 Police Officer of the Year. Investigator Dibble was recognized for her work on some of the Buffalo Grove Police Department's most challenging cases last year, including criminal sexual assault, financial exploitation of the elderly, stolen auto and commercial burglary cases, closing them with arrests. Investigator Dibble was nominated by her coworkers for her dedication and professionalism to the victims she investigated for, her peers that she works with, and commitment to the Buffalo Grove Police Department and residents of Buffalo Grove.

Mr. Collins then recognized **Officer Gabriel Augustyniak** with a Special Commendation Award and reviewed the accomplishments that led to his award.

Both officers thanked the Board and the Department for this recognition and noted how honored they are to serve the residents of Buffalo Grove.

2023 PUBLIC WORKS EMPLOYEE OF THE YEAR

Mr. Skibbe reviewed the career and accomplishments of **Tyler Ankney**, the recipient of the 2023 Public Works Employee of the Year Award. Tyler was nominated by his coworkers for being "a tireless public servant that will always be there with great advice or at least an open ear to listen to your problems." Tyler recently oversaw the Village's transition to a new scheduling software. Tyler created a video to highlight all those who helped him receive this special recognition, and to celebrate the hard work and dedication of the men and

women of the Buffalo Grove Public Works Department, and wrote a song, "Let's Go" as a celebration of the dedication of his coworkers in the Public Works Department.

BS&A CLOUD-BASED SOFTWARE

In 2021, the Village selected and purchased BS&A software to help streamline and automate permit review, inspection, licensing, and planning processes. The BS&A cloud-based software became available in 2023 and shortly thereafter Buffalo Grove executed an agreement for the BS&A cloud-based software. Over the past six months, staff has been working to implement, train and go live with the software.

Ms. Woods presented an overview of the new online software, its benefits, key elements of its implementation, and steps for moving forward, details of which are contained in her memo to Mr. Bragg of March 4, 2024.

QUESTIONS FROM THE AUDIENCE

President Smith reviewed the parameters to be followed by speakers and asked if there were any questions from the audience on items not on tonight's agenda.

Members of the Catalyst Club from Stevenson High School spoke urging the Board to act regarding the restriction of advertisements targeted at youth and enforcing the Prevent Youth Vaping Act.

EXECUTIVE MEETING

Moved by Weidenfeld, seconded by Stein, to move to Executive Session to discuss: **Section 2(C)(1) of the Illinois Open Meetings Act: the Appointment, Employment, Compensation, Discipline, Performance, or Dismissal of Specific Employees of the Public Body or Legal Counsel for the Public Body, Including Hearing Testimony on a Complaint Lodged Against an Employee of the Public Body or Against Legal Counsel for the Public Body to Determine Its Validity and Section 2(C)(2) of the Illinois Open Meetings Act: Collective Negotiating Matters Between the Public Body and Its Employees or Their Representatives, or Deliberations Concerning Salary Schedules for One or More Classes of Employees.**

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Cesario, Ottenheimer, Stein, Bocek, Weidenfeld

NAYS: 0 – None

Motion declared carried.

The Board moved to Executive Session from 8:27 P.M. to 10:36 P.M.

ADJOURNMENT

Moved by Cesario, seconded by Ottenheimer, to adjourn the meeting. Upon voice vote, the motion was unanimously declared carried. The meeting was adjourned at 10:37 P.M.

Janet M. Sirabian, Village Clerk

APPROVED BY ME THIS 18th DAY OF March 2024

Village President



Warrant : Approval of Warrant #1366

Summary

TOTAL WARRANT #1366- \$12,728,303.70

Recommended Motion

Staff recommends approval.

ATTACHMENTS:

1. Warrant #1366 Summary

Trustee Liason

Staff Contact

Chris Black, Finance Director

VILLAGE OF BUFFALO GROVE WARRANT #1366
18-Mar-24

General Fund:	881,319.99
Parking Lot Fund:	1,625.03
Motor Fuel Tax Fund:	0.00
Debt Service Fund:	0.00
School & Park Donations:	87,055.56
Lake Cook Rd TIF Fund:	0.00
Capital Projects-Facilities:	4,869,581.75
Capital Projects-Vehicles/Equipment:	192,439.82
Capital Projects-Streets:	62,906.46
Retiree Health Savings (RHS):	0.00
Water Fund:	1,314,657.83
Buffalo Grove Golf Fund:	180,422.19
Arboretum Golf Fund:	181,099.99
Refuse Service Fund:	106,960.48
Information Technology Internal Service Fund:	333,223.20
Central Garage Internal Service Fund:	141,092.93
Building Maintenance Internal Service Fund:	135,756.34
	<u>8,488,141.57</u>
PAYROLL PERIOD ENDING 1/28/2024	1,099,143.44
PAYROLL PERIOD ENDING 2/11/2024	1,034,518.64
PAYROLL PERIOD ENDING 2/25/2024	1,072,486.83
PAYROLL PERIOD ENDING 3/10/2024	<u>1,034,013.22</u>
	<u>4,240,162.13</u>
TOTAL WARRANT #1366	<u><u>12,728,303.70</u></u>

APPROVED FOR PAYMENT BY THE PRESIDENT AND BOARD OF TRUSTEES OF
THE VILLAGE OF BUFFALO GROVE, ILLINOIS

Village Clerk

Village President



**Ordinance without Purchase : Ordinance Authorizing a
Development Improvement Agreement with the Buffalo
Grove Park District**

Summary

Staff recommends approval subject to the review and approval by the Village Attorney.

Recommended Motion

SUMMARY: Staff recommends approval of a Development Improvement Agreement with the Buffalo Grove Park District for improvements to Parkchester Park and Weiland Road located at 851 Weiland Road, subject to the receipt of the required fees and Village Attorney review.

ATTACHMENTS:

1. Memo_Parkchester Park DIA_3-12-2024
2. DIA Ordinance_Parkchester Park_3-12-2024
3. DIA Parkchester Park_1-19-2024
4. Weiland Road - Final Cost Estimate 11-09-2023
5. Weiland Road Engineering Plans 10-23-2023
6. 1183 Parkchester Park 100% CD Set_r

Trustee Liason
Trustee Stein

Staff Contact
Kyle Johnson, Village Engineer



MEMORANDUM

DATE: March 12, 2024
TO: Dane Bragg, Village Manager
FROM: Kyle Johnson, Deputy Director of Public Works/Village Engineer
SUBJECT: Parkchester Park Development Improvement Agreement

The Buffalo Grove Park District has received a grant to make significant improvements to Parkchester Park located at 851 Weiland Road. Redevelopment of the park will include new asphalt trails, new bench areas, pickle ball court, tennis court, basketball court, a parking lot, and reconfigured and improved playgrounds.

The Development Improvement Agreement, or DIA, is an agreement between the Developer and the Village and identifies the items to be constructed by the developer on the project site. Typical items include stormwater management, parking lots, and all of the utilities such as water main and sanitary sewer. With this agreement, the developer agrees to provide security as required in the Village Code until the developer completes the required items. The Park District and their contractors will be required to improve the site per approved plans/designs.

Engineering and legal staff at the Village are currently working with the Buffalo Grove Park District and their consultants to finalize all documentation necessary to approve the DIA. Staff recommends Village Board approval of the DIA subject to review and approval by the Village Attorney once all information has been received.

ORDINANCE 2024-_____

**AN ORDINANCE AUTHORIZING A
DEVELOPMENT IMPROVEMENT AGREEMENT WITH THE BUFFALO GROVE PARK DISTRICT**

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village seeks to enter into a Development Improvement Agreement (DIA) with the Buffalo Grove Park District ("Developer") for site improvements associated with the Parkchester Park improvements/redevelopment,

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Development Improvement Agreement is approved subject to review and approval by the Village Attorney.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and shall not be codified.

AYES: _____

NAYES: _____

ABSENT: _____

PASSED: _____, 2024

APPROVED: _____, 2024

APPROVED:

Eric Smith, Village President

ATTEST:

Janet Sirabian, Village Clerk

Parkchester Park Improvements
Development Name

DEVELOPMENT IMPROVEMENT AGREEMENT

THIS AGREEMENT ("Agreement"), made and entered into as of this 18th day of March 2024 by and between the VILLAGE OF BUFFALO GROVE, an Illinois Municipal Corporation, and having its office at Village Hall, 50 Raupp Boulevard, Buffalo Grove, Illinois (hereinafter called "Village"), and Buffalo Grove Park District, (hereinafter called "Developer").

WITNESSETH:

WHEREAS, Developer desires to improve the real property described in Exhibit "A" attached hereto and made a part hereof (the "Property"), and in compliance with the Village's Development Ordinance, Developer has submitted to the Village certain (i) plans prepared by uplandDesign Ltd, who have hired and included plans from registered professional engineers (the "Site Plan"), which Preliminary Plans were approved by the Village pursuant to Ordinance No. 2023-166 and described in more detail in Exhibit "C" attached hereto and made a part hereof (the "Site Improvement Plans" and together with the Site Plan, the "Plans"); and,

WHEREAS, the Village is willing to approve said Plans, provided that this Agreement is executed to assure the Village as to the completion of certain site improvements, as a condition precedent to the issuance of building permits for any buildings to be constructed on the Property.

NOW, THEREFORE, it is mutually agreed as follows:

1. The Developer is a municipal entity in the Village authorized under the Park District Code to improve Parks under its jurisdiction. The Buffalo Grove Park District shall furnish, or cause to be furnished, at their own cost and expense, all the necessary material, labor, and equipment to complete the improvements listed on Exhibit "B" attached hereto, and all other site improvements not specifically set forth, which are required by applicable ordinances or agreements (collectively, the "Improvements"), all in a good and workmanlike manner and in accordance with all pertinent ordinances and regulations of the Village and in accordance with the Plans (including any subsequent revisions requested by the Developer and approved in writing by the Village pursuant to the Village's Development Ordinance). All utility lines

and services to be installed in the street shall be installed prior to paving.

2. Attached hereto as Exhibit "D" is a complete cost estimate for the construction of the improvement described in Exhibit "B" hereto.

3. All work shall be subject to inspection by and the approval of the Village Engineer. It is agreed that the contractors who are engaged to construct the Improvements are to be approved by the Village Engineer and that such approval will not be unreasonably withheld.

4. The Developer has paid or will pay the Village a Review and Inspection Fee, as required by Ordinance. It is understood that said fee is based on the amount of the contracts or cost estimate for those items in Exhibit "B".

5. Prior to the time the Developer or any of its contractors begin any of the work provided for herein, the Developer, and/or its contractors shall furnish the Village with evidence of insurance covering their employees in such amounts and coverage as is acceptable to the Village. Nothing herein shall waive any immunities the Village May assert in response to or defense of any such claim.

In addition, by its execution of this Agreement, the Developer agrees, to the extent authorized under the Park District Code, to protect, indemnify, save and hold harmless, and defend the Village and its employees, officials, and agents, against any and all claims, costs, causes, actions, and expenses, including but not limited to reasonable attorney's fees incurred by reason of a lawsuit or claim for damages or compensation arising in favor of any person, corporation or other entity, including the employees or officers or independent contractors or sub-contractors of the Developer or the Village, on account of personal injuries or death, or damages to property occurring, growing out of, incident to, or resulting directly or indirectly, from the performance of the work of the Developer, independent contractors or sub-contractors or their officers, agents, or employees. The Developer shall have no liability or damages for the costs incident thereto to the extent caused by the sole negligence or intentional misconduct of the Village, its independent contractors or sub-contractors or their officers, agents, or employees.

6. Subject to Force Majeure (as defined herein), Developer shall cause the Improvements to be completed within twenty-four (24) months following the date of this Agreement (except any Improvements for which specified time limits are noted on the Plans, which shall be completed within the specified time

limits shown on the Plans). "Force Majeure" as used herein shall mean a delay in Developer's performance hereunder caused by a strike or labor problem, energy shortage, governmental pre-emption or prescription, national emergency, or any other cause of any kind beyond the reasonable control of Developer.

7. The Developer, for a period of one year beyond formal acceptance by the Village of any Improvement, described in Exhibit "B" hereof, shall be responsible for maintenance, repairs and corrections to such Improvements which may be required due to failures or on account of faulty construction or due to the Developer's negligence and/or its contractors' negligence.

8. It is agreed that no occupancy permit shall be granted by any official for the construction of any structure until all required utility facilities set forth in the Plans (to include, but not by way of limitation, sanitary sewer, water and storm sewer systems) have been installed and made ready to service the Property; and that all parking lots or access drives (to include curbs) set forth in the Plans that provide access to the Property have been completely constructed, except for the designed surface course. It is understood and agreed that building permits may be granted for buildings on specific lots to which utility facilities have been installed and made ready for service and to which parking lots or access drives have been constructed as described above, notwithstanding the fact that all improvements within the Development may not be completed.

9. The Developer acknowledges that improvements within the Village's right-of-way shall be constructed in accordance with the IDOT Standard Specifications for Road and Bridge Construction, Latest Edition and the Village's Municipal Codes and Ordinances. Plans and specifications for the materials and work associated with improvements within the Village's right-of-way shall be subject to approval by the Village Engineer prior to constructing the improvements.

The Developer shall furnish, or cause to be furnished, at their own cost and expense, all the necessary testing, labor, and equipment to ensure the improvements listed on Exhibit "B" attached hereto, and all other site improvements not specifically set forth, which are required by applicable ordinances or agreements (collectively, the "Improvements"), are all in a good and workmanlike manner and in accordance with all pertinent ordinances and regulations of the Village and in accordance with the Plans (including any subsequent revisions requested by the Developer and approved in writing by the Village

pursuant to the Village's Development Ordinance). These testing provisions should also be in accordance with the IDOT Standard Specifications for Road and Bridge Construction, Latest Edition and the Village's Municipal Codes and Ordinance which generally apply to QA/QC practices.

The Developer shall require a contract bond from their Contractor for the full amount of the improvements proposed within the Village's right-of-way. The Contract bond shall extend through the one (1) year warranty period post issuance of a Certificate of Initial Acceptance from the Village.

The Developer shall retain from the amount due their Contractor a minimum of ten percent (10%) from each pay request. The retainage may be held until the Village determines the project to be final and accepted, at which time any warranty or maintenance period shall commence under a maintenance bond equal to the full amount of the improvements.

The Developer shall be responsible for coordinating a final inspection between the Contractor hired to perform the improvements within the Village's right-of-way and the Village Engineer or designee. Upon completion of the final site inspection, the Village Engineer shall provide the Developer with a list of any deficiencies documented. The Developer's Contractor shall have fourteen (14) calendar days to correct any deficiencies following the scheduled final inspection. The Developer shall provide the Village with a full size mylar as-built plan set upon completion of the project.

10. The Developer acknowledges that they are responsible for the proper control of weeds, grass, refuse, and junk on all property which he owns within the Village in accordance with Chapter 8.32 of the Buffalo Grove Municipal Code. It is further agreed that the Developer shall continue to be responsible for the proper maintenance of any parcels of property for which the Developer transfers ownership to the Village until such time as the development's Improvements are accepted by the Village in writing in accordance with the provisions of this Agreement.

If the Developer fails to perform their maintenance responsibilities established in either this paragraph or Chapter 8.32, the Village may provide a written notice to the Developer of the improper maintenance condition. If proper maintenance is not completed within ten (10) days after the Developer is provided this notice, the Village may perform the maintenance and deduct the costs of the maintenance from the Village's financial contribution to the Developer's project as described in Village Ordinance 2023-

10.

11. The Developer agrees that no Improvements constructed in conjunction with this project are sized or located in such a way as to warrant any recapture payment to the Developer pursuant to any applicable previous agreements.

12. This Agreement shall automatically terminate and be of no further force and effect with respect to Developer or the Property upon the expiration of the one-year maintenance period, and upon such termination the parties hereto shall have no further obligations to the other. The period commencing on the date set forth in the preamble to this Agreement and expiring on the expiration of the one-year maintenance period is referred to herein as the "Term".

13. This Agreement and the obligations contained herein are in addition to, and not in limitation of, all other agreements between the Parties hereto including, without limitation, the Preliminary Plan dated October 13, 2023 per Village Ordinance 2023-166, and the obligations contained therein.

14. Neither party shall cause this Agreement (or any memorandum hereof) to be recorded against the Property.

15. Neither party shall assign this Agreement or any of its terms without the prior, express and written consent of the other party. Furthermore, no assignment of the Developer's obligations shall be effective unless and until the Village approves the language of any proposed assignment and substitute security in the amounts required by this Agreement.

IN WITNESS WHEREOF, the Village has caused this Agreement to be executed, as has the Developer, all as of the date first above written.

VILLAGE OF BUFFALO GROVE, an Illinois Municipal Corporation

By _____
Village President

DEVELOPER:

Buffalo Grove Park District
530 Bernard Drive
Buffalo Grove, IL 60089

By: _____
Name: Erika Strojinc, CPRE
Title: Executive Director

Parkchester Park Improvements
(Development Name)

DEVELOPMENT IMPROVEMENT AGREEMENT

EXHIBIT A

LEGAL DESCRIPTION

N/A

KNOWN AS: **851 Weiland Road, BUFFALO GROVE, ILLINOIS**

PERMANENT INDEX NUMBER: 15-33-219-001

AREA = 309,304.20 SQ. FT. OR 7.1 ACRES

Parkchester Park Improvements
(Development Name)

DEVELOPMENT IMPROVEMENT AGREEMENT

EXHIBIT B

All improvements set forth and depicted in the Plans, both public and private, including (to the extent applicable) earthwork, grading, roads or streets, parking lots, areas and/or parking facilities, sidewalks, sanitary and storm sewers, water main, drainage and storm water detention facilities, site grading, street lighting, landscaping, survey monuments and benchmarks.

Parkchester Park Improvements
(Development Name)

DEVELOPMENT IMPROVEMENT AGREEMENT

EXHIBIT C

Final Engineering and Landscaping Plans prepared by: uplandDesign ltd

Entitled: Parkchester Park OSLAD Grant Development

Consisting of: 21 sheet(s), last revised 12/28/2023

Final Engineering Plans prepared by: Mackie Consultants

Entitled: Weiland Road Improvements Buffalo Grove, Illinois

Consisting of: 15 sheet(s), last revised 10/23/2023

(see following pages)

Parkchester Park Improvements
(Development Name)

DEVELOPMENT IMPROVEMENT AGREEMENT

EXHIBIT D

Engineers Opinion of Probable Costs

(see following pages)

**ENGINEER'S OPINION OF PROBABLE COST
FOR
WEILAND ROAD - PARKCHESTER PARK
BUFFALO GROVE, ILLINOIS
11/9/2023**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
SCHEDULE I - DEMOLITION					
1.	Sawcut (Full Depth)	445	LF	\$5.00	\$2,225.00
2.	Pavement Removal (Full Depth)	28	SY	\$75.00	\$2,100.00
3.	B6.12 Curb and Gutter Removal	441	LF	\$11.00	\$4,851.00
4.	Sandblasting Pavement Markings	490	LF	\$1.50	\$735.00
5.	Relocate Light Pole	2	EA	\$7,000.00	\$14,000.00
6.	Relocate Traffic Sign	1	EA	\$275.00	\$275.00
7.	Tree Removal (2" Diameter)	7	EA	\$100.00	\$700.00
8.	Inlet Removal (24" Diamter)	1	EA	\$250.00	\$250.00
9.	Catch Basin Removal (48" Diameter)	1	EA	\$500.00	\$500.00
10.	12" Storm Sewer Removal, RCP	19	LF	\$20.00	\$380.00
11.	Adjust Existing Rim Grades	3	EA	\$550.00	\$1,650.00
TOTAL SCHEDULE I - DEMOLITION					\$27,666.00
SCHEDULE II - EROSION CONTROL					
1.	Erosion Control Blanket	300	SY	\$3.00	\$900.00
2.	Silt Fence	35	LF	\$4.00	\$140.00
3.	Inlet Filter Basket	8	EA	\$200.00	\$1,600.00
4.	Concrete Washout	1	EA	\$500.00	\$500.00
5.	Stabilized Construction Entrance	1	LS	\$5,000.00	\$5,000.00
TOTAL SCHEDULE II - EROSION CONTROL					\$8,140.00
SCHEDULE III - WEILAND ROADWAY IMPROVEMENTS					
1.	2" HMA Surface Course, Mix D, N70	495	SY	\$12.00	\$5,940.00
2.	9" HMA Binder Course, IL-19.0, N70	495	SY	\$44.00	\$21,780.00
3.	12" Aggregate Subgrade	685	SY	\$16.50	\$11,302.50
4.	Strip Reflective Crack Control	441	LF	\$7.50	\$3,307.50
5.	Geotechnical Fabric	665	SY	\$2.00	\$1,330.00
6.	B6.12 Curb and Gutter	490	LF	\$24.00	\$11,760.00
7.	M6.12 Curb and Gutter	125	LF	\$22.00	\$2,750.00
8.	4" Portland Concrete Cement, with WWF	70	SY	\$80.00	\$5,600.00
9.	6" Aggregare Base Course, Type B	70	SY	\$12.00	\$840.00
10.	24" Diameter Inlet	1	EA	\$2,500.00	\$2,500.00
11.	48" Diameter Catch Basin	2	EA	\$4,000.00	\$8,000.00
12.	48" Diameter Manhole	2	EA	\$4,000.00	\$8,000.00
13.	12" Storm Sewer, RCP	19	LF	\$98.00	\$1,862.00
14.	15" Storm Sewer, RCP	36	LF	\$114.00	\$4,104.00
15.	Connect Proposed Sewer to Existing Structure	2	EA	\$1,000.00	\$2,000.00
16.	Granular Trench Backfill	55	LF	\$35.00	\$1,925.00
17.	6" White Dashed, Thermoplastic (Skip Dash)	200	LF	\$2.00	\$0.00
18.	6" White Solid, Thermoplastic (Lane Line)	185	LF	\$2.00	\$370.00
19.	5" White Solid, Thermoplastic (Edge Line)	395	LF	\$1.50	\$592.50
20.	8" White Solid, Thermoplastic (Porkchop Edge Line)	120	LF	\$2.75	\$330.00
21.	24" White Solid, Thermoplastic (Stop Bar)	12	LF	\$8.25	\$99.00
22.	White Solid, Thermoplastic (Crosswalk + Turn Markings)	100	SF	\$12.00	\$1,200.00
23.	New Signs	4	EA	\$275.00	\$1,100.00
TOTAL SCHEDULE III - WEILAND ROADWAY IMPROVEMENTS					\$96,692.50

SCHEDULE IV - MISCELLANEOUS

1. Salt Tolerant Topsoil Respread, 4"	35	CY	\$25.00	\$875.00
2. Traffic Control	1	LS	\$10,000.00	\$10,000.00
3. Earth Excavation	640	CY	\$50.00	\$32,000.00
4. Undercut Allowance	1	LS	\$15,000.00	\$15,000.00
5. Mobilization and Staging	1	LS	\$12,000.00	\$12,000.00
TOTAL SCHEDULE IV - MISCELLANEOUS				\$69,875.00

TOTAL PROBABLE COST (SCHEDULE I - IV)	\$202,373.50
--	---------------------

10% CONTINGENCY	\$20,237.35
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<u>TOTAL PROBABLE COST</u>	\$222,610.85
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- 1. This Engineer's Opinion of Probable Cost is based on Final Engineering Plans for Weiland Road Improvements, prepared by Mackie Consultants, LLC, dated October 23, 2022.
- 2. Cost only includes improvements associates with offsite improvements required to serve the site and does not include cost of easement, review fees, or permit fees or any other item not included.
- 3. Erosion control quantities are only for items necessary for the offsite improvements that wouldn't otherwise be covered under the onsite SWPP plans and are based off of a single phase plan.
- 4. The above Engineer's Opinion of Probable Cost does not include monies for ongoing maintenance of the erosion control devices.
- 5. The unit prices are based on best available data. Mackie Consultants cannot guarantee the pricing will not increase.

Prepared by: Mackie Consultants, LLC.
9575 W. Higgins Road, Suite 500
Rosemont, Illinois 60018
(847) 696-1400

FINAL ENGINEERING PLANS

WEILAND ROAD IMPROVEMENTS

BUFFALO GROVE, ILLINOIS

LEGEND

EXISTING

PROPOSED

SANITARY SEWER

FORCE MAIN

STORM SEWER

UNDERDRAIN

MANHOLE

CATCH BASIN

INLET

CLEANOUT

WATER MAIN

VALVE VAULT

VALVE BOX

FIRE HYDRANT

FLARED END SECTION

COMBINED SEWER

STREET LIGHT/PARKING LOT LIGHT

POWER POLE

STREET SIGN

FENCE

GAS MAIN

OVERHEAD LINE

TELEPHONE LINE

ELECTRIC LINE

CABLE TV LINE

HIGH WATER LEVEL

NORMAL WATER LEVEL

CONTOUR LINE

TOP OF CURB ELEVATION

TOP OF DEPRESSED CURB

PAVEMENT ELEVATION

SPOT ELEVATION

FINISHED FLOOR ELEVATION

TOP OF FOUNDATION

GRADE AT FOUNDATION

HIGH OR LOW POINT

OVERLAND FLOOD ROUTE

PAVEMENT FLOW DIRECTION

SWALE FLOW DIRECTION

DEPRESSED CURB AND GUTTER

REVERSE CURB AND GUTTER

8" PVC

FM

12" RCP

UD

WM

WM

OH

OH

T

T

E

E

CATV

CATV

NWL XXX

XXX.XX

TC XXX.XX

TDC XXX.XX

P XXX.XX

XXX.XX

FF + XXX.XX

TP + XXX.XX

GF + XXX.XX

8" PVC

FM

12" RCP

UD

WM

WM

OH

OH

T

T

E

E

CATV

CATV

NWL XXX

XXX.XX

TC XXX.XX

TDC XXX.XX

P XXX.XX

XXX.XX

FF + XXX.XX

TP + XXX.XX

GF + XXX.XX

2.0%

INDEX OF SHEETS

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COVER SHEET

2

OVERALL GEOMETRICS AND TYPICAL CROSS SECTIONS

3

EXISTING CONDITIONS AND DEMOLITION

4

GRADING AND UTILITY PLAN

5

STORMWATER POLLUTION PREVENTION PLAN

6

SWPPP NOTES AND DETAILS

7

PAVEMENT MARKING AND SIGNAGE PLAN

8

CONSTRUCTION DETAILS

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CONSTRUCTION DETAILS

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CONSTRUCTION DETAILS

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CONSTRUCTION DETAILS

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CONSTRUCTION DETAILS

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SPECIFICATIONS

14

CROSS SECTIONS STA. 1+00 - STA. 4+50

15

CROSS SECTIONS STA. 5+00 - STA. 6+50

LOCATION MAP

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION, DIRECTION AND MEANS & METHODS OF CONSTRUCTION

ABBREVIATIONS			
AC	ACRE	HWL	HIGH WATER ELEVATION
BC	BACK OF CURB	INL	INLET
BTM	BOTTOM	INV	INVERT
CB	CATCH BASIN	LF	LINEAL FEET/FOOT
CFS	CUBIC FEET PER SECOND	LP	LIGHT POLE
CY	CUBIC YARD	LT	LEFT
DIA	DIAMETER	L/W	LOWEST GRADE ADJACENT TO RETAINING WALL
DIWM	DUCTILE IRON WATER MAIN	MAX	MAXIMUM
EL	ELEVATION	MH	STORM MANHOLE
EP	EDGE OF PAVEMENT	MIN	MINIMUM
FF	FINISHED FLOOR	NWL	NORMAL WATER ELEVATION
FES	FLARED END SECTION	OCS	OUTLET CONTROL STRUCTURE
FT	FOOT/FEET	P	PAVEMENT ELEVATION
G	GUTTER ELEVATION	PVC	POLYVINYL CHLORIDE PIPE
GF	GRADE AT FOUNDATION	R	RADIUS
GR	GRADE RING ELEVATION	RCP	REINFORCED CONCRETE PIPE
HDPE	HIGH DENSITY POLYETHYLENE PIPE	RT	RIGHT
HYD	FIRE HYDRANT	ROW	RIGHT OF WAY
HMA	HOT MIX ASPHALT		

BENCHMARKS	
SOURCE BENCHMARK: (NGS MONUMENT DESIGNATION LD018, PID DM3895) SURVEY DISK SET IN THE TOP OF THE NORTH PARAPET WALL OF THE EAST ABUTMENT OF THE LAKE COOK ROAD BRIDGE OVER RAILROAD TRACKS, 4 FT ABOVE GRADE OF SIDEWALK, APPROXIMATELY 1 MILE WEST OF THE INTERSECTION OF STATE ROAD 21 WITH LAKE COOK ROAD, ELEVATION = 690.53 (NAVD88)	
SITE BENCHMARK #1: RAILROAD SPIKE IN WEST FACE OF POWER POLE AT NORTHEAST CORNER OF NEWTOWN DRIVE & WEILAND ROAD, ELEVATION = 682.35	
SITE BENCHMARK #2: RAILROAD SPIKE IN WEST FACE OF 5TH POWER POLE NORTH OF NEWTOWN DRIVE AND ON EAST SIDE OF WEILAND ROAD, ELEVATION = 680.21	

ROADWAY INFORMATION

WEILAND ROAD

CLASSIFICATION: MAJOR COLLECTOR

POSTED SPEED: 40 MPH

DESIGN SPEED: 45 MPH

Call 48 hours before you dig
(Excluding Sat, Sun, & Holidays)
1-800-892-0123

NOTES:

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:

- STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT-SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;

- STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION;

- BUFFALO GROVE, MUNICIPAL CODE

IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

DRAINAGE CERTIFICATION

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DRAINAGE OF SURFACE WATERS WILL NOT BE CHANGED BY THE CONSTRUCTION OF SAID IMPROVEMENTS OR ANY PART THEREOF, OR THAT IF SUCH SURFACE WATER DRAINAGE WILL BE CHANGED, REASONABLE PROVISION HAS BEEN MADE FOR COLLECTION AND DIVERSION OF SUCH SURFACE WATERS INTO PUBLIC AREA, OR DRAINS WHICH THE SUBDIVIDER HAS A RIGHT TO USE AND THAT SUCH SURFACE WATERS WILL BE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF DAMAGE TO THE ADJOINING PROPERTY BECAUSE OF THE CONSTRUCTION OF THE IMPROVEMENTS.

exp 11-30-2025

ENGINEER'S SEAL

10/27/2021 11:55:44 AM
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Mackie Consultants, LLC

9575 W. Higgins Road, Suite 500
Rosemont, IL 60018
(847)696-1400
www.mackieconsult.com

CLIENT:

BUFFALO GROVE PARK DISTRICT

530 BERNARD DRIVE
BUFFALO GROVE, ILLINOIS
(847) 850-2100

		DESIGNED	AJ
		DRAWN	AJ
		APPROVED	SRK
		DATE	10/23/2021
DATE	DESCRIPTION OF REVISION	BY	SCALE

COVER SHEET

WEILAND ROAD IMPROVEMENTS

BUFFALO GROVE, ILLINOIS

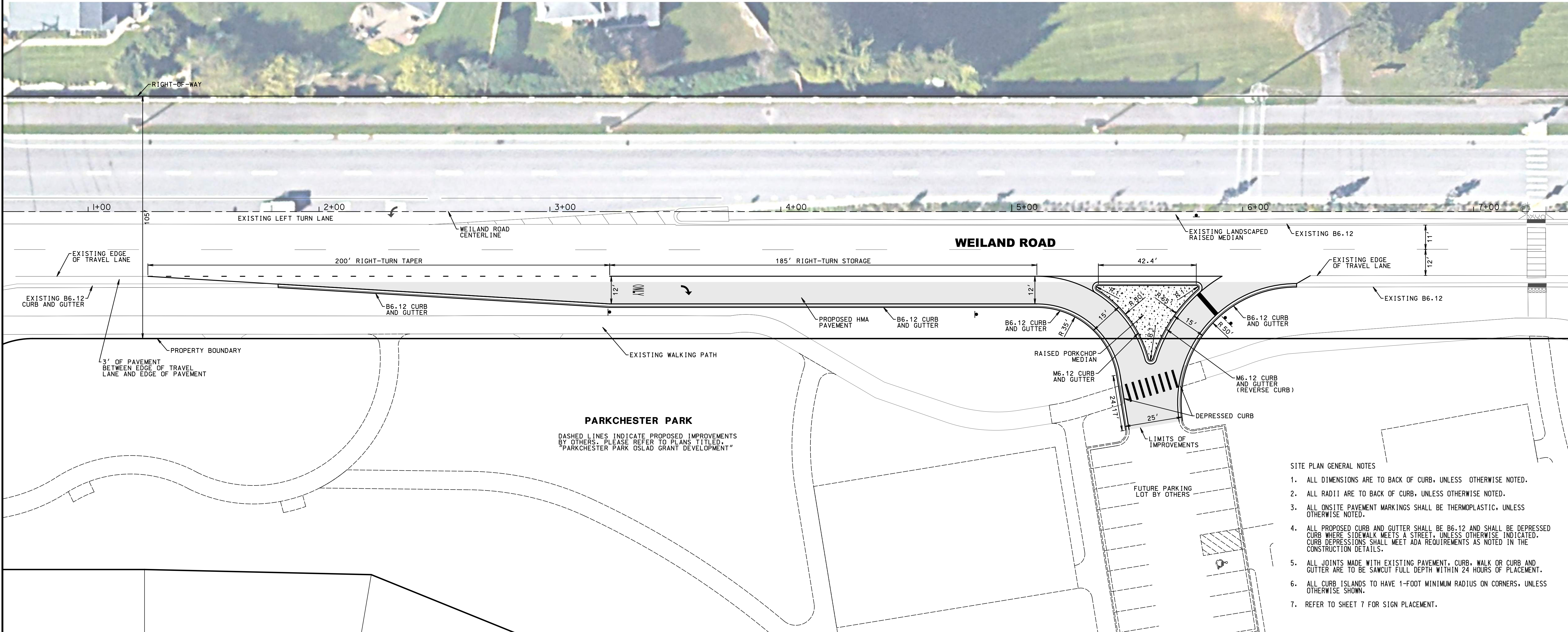
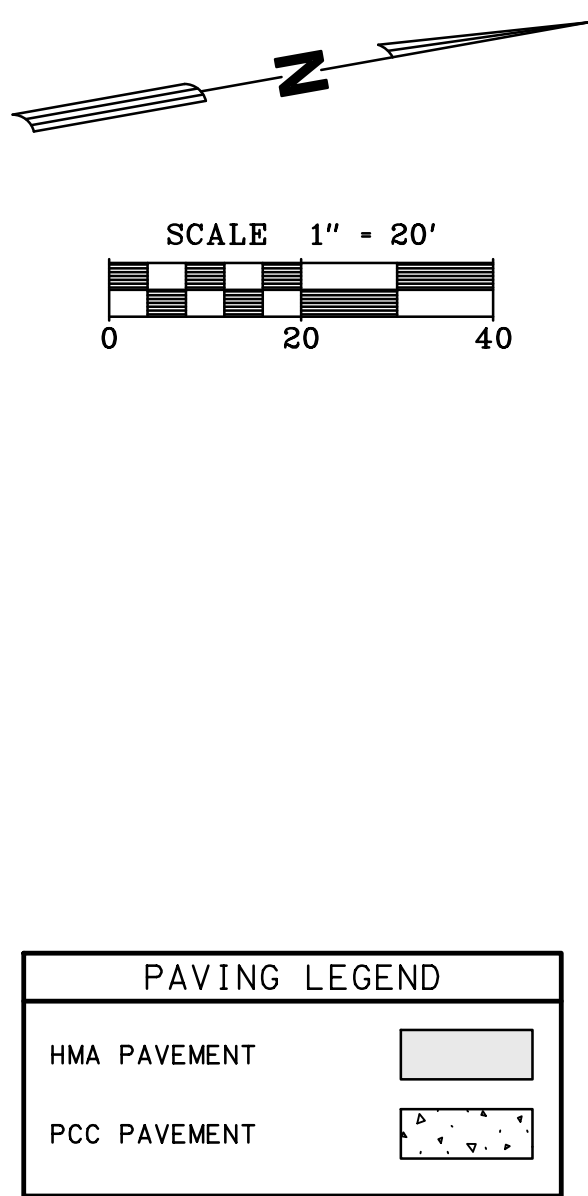
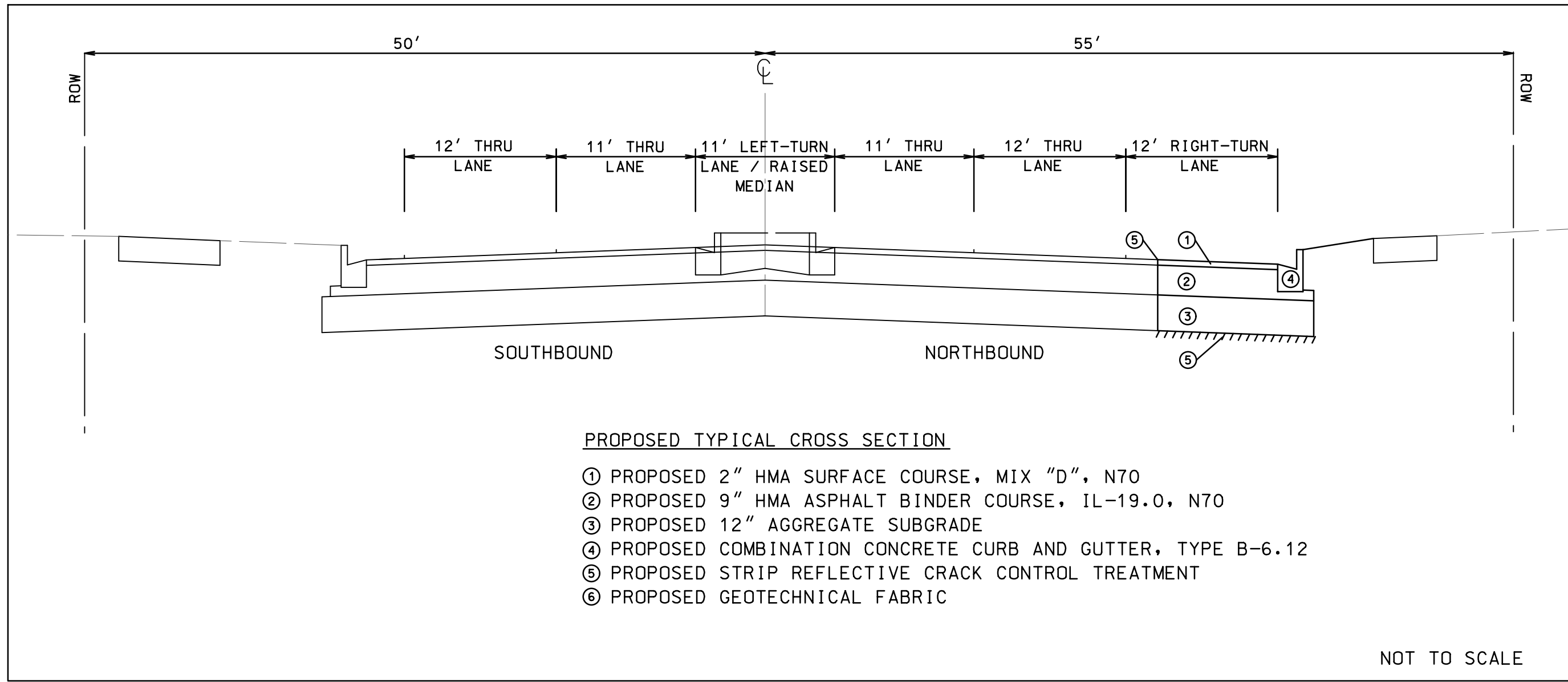
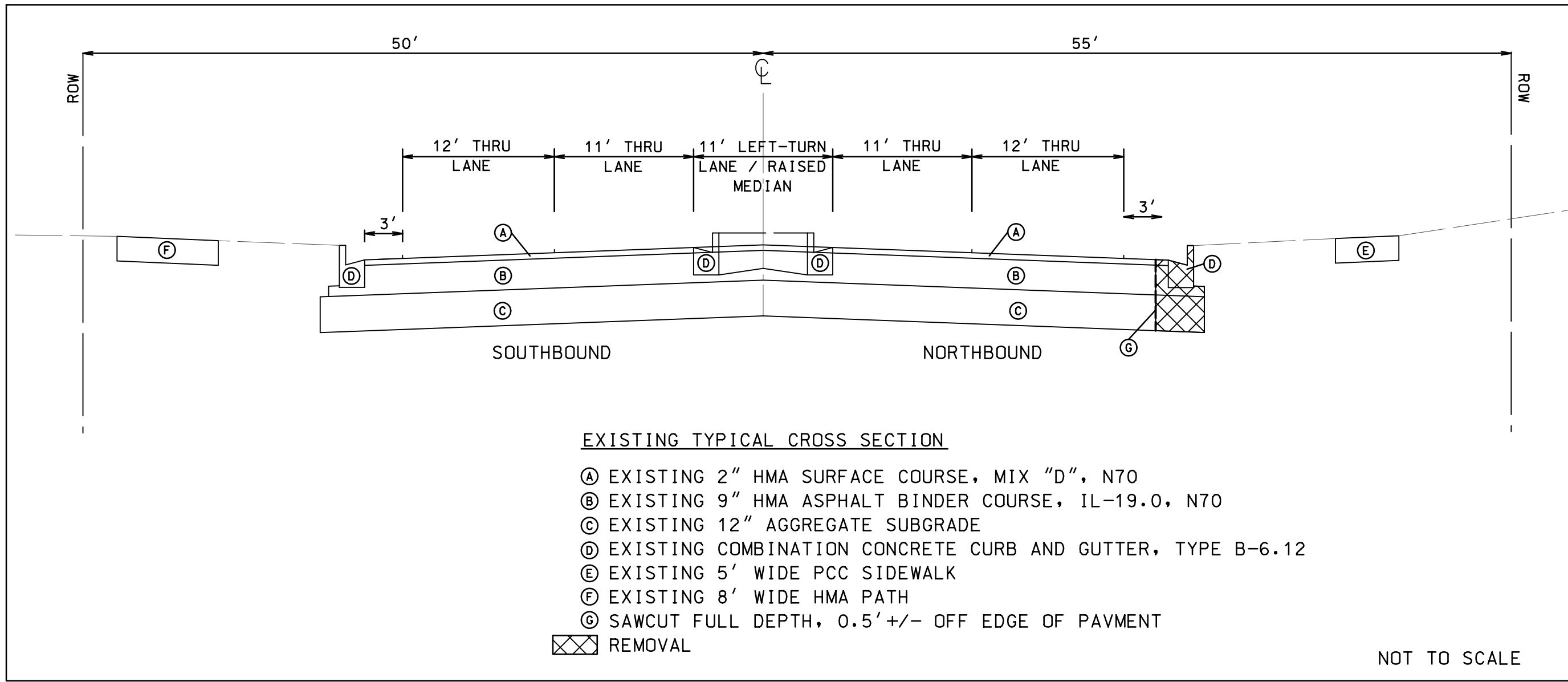
SHEET

1 OF **15**

PROJECT NUMBER: 4473A

© MACKIE CONSULTANTS LLC, 2023

ILLINOIS FIRM LICENSE 184-002694



- SITE PLAN GENERAL NOTES**
1. ALL DIMENSIONS ARE TO BACK OF CURB, UNLESS OTHERWISE NOTED.
 2. ALL RADII ARE TO BACK OF CURB, UNLESS OTHERWISE NOTED.
 3. ALL ONSITE PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
 4. ALL PROPOSED CURB AND GUTTER SHALL BE B6.12 AND SHALL BE DEPRESSED CURB WHERE SIDEWALK MEETS A STREET, UNLESS OTHERWISE INDICATED. CURB DEPRESSIONS SHALL MEET ADA REQUIREMENTS AS NOTED IN THE CONSTRUCTION DETAILS.
 5. ALL JOINTS MADE WITH EXISTING PAVEMENT, CURB, WALK OR CURB AND GUTTER ARE TO BE SAWCUT FULL DEPTH WITHIN 24 HOURS OF PLACEMENT.
 6. ALL CURB ISLANDS TO HAVE 1-FOOT MINIMUM RADIUS ON CORNERS, UNLESS OTHERWISE SHOWN.
 7. REFER TO SHEET 7 FOR SIGN PLACEMENT.



Mackie Consultants, LLC
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Rosemont, IL 60018
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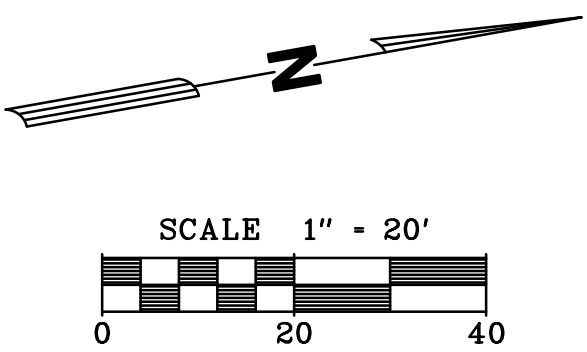
CLIENT:
BUFFALO GROVE PARK DISTRICT
530 BERNARD DRIVE
BUFFALO GROVE, ILLINOIS
(847) 850-2100

DATE	DESCRIPTION OF REVISION	BY

DESIGNED	AJ
DRAWN	AJ
APPROVED	SRK
DATE	10/23/2021
SCALE	1" = 20'

OVERALL GEOMETRICS AND TYPICAL CROSS SECTIONS
WEILAND ROAD IMPROVEMENTS
BUFFALO GROVE, ILLINOIS

SHEET	2 OF 15
PROJECT NUMBER:	4473A
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DEMOLITION PLAN GENERAL NOTES:

1. CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS FOR DEMOLITION WORK AND ASSOCIATED UTILITY DISCONNECT FEES.

3. THE MUNICIPALITY AND THE OWNER SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

4. THIS PLAN WAS PREPARED FROM TOPOGRAPHIC SURVEY PREPARED BY MACKIE CONSULTANTS, LLC, DATED AUGUST 30, 2023 AND AVAILABLE RECORDS. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES SHOWN AND NOT SHOWN BEFORE COMMENCING WORK AND NOTIFY THE ENGINEER OR OWNER OF ANY DISCREPANCIES.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO BEGINNING DEMOLITION WORK FOR THE EXACT LOCATIONS OF THE UTILITIES. THE CONTRACTOR SHALL ARRANGE FOR THE DISCONNECTION, PROTECTION OR RELOCATION OF ANY EXISTING UTILITY SERVICES, INCLUDING WATER, SEWER, GAS, ELECTRIC, TELEPHONE AND CABLE.
6. THE CONTRACTOR IS REQUIRED TO ASSURE HIMSELF OF LOCATION AND DEPTH OF EXISTING UTILITIES AND RELATED FEATURES AND SHALL REPORT AT ONCE TO THE OWNER OR ENGINEER ANY DISCREPANCIES WITH RESPECT TO INFORMATION INDICATED IN THE CONTRACT DOCUMENTS.

7. ALL HMA PAVEMENT AND BUILDING MATERIALS SHALL BE REMOVED TO AN OFFSITE LOCATION. GRAVEL BASE MATERIALS SHALL BE STOCKPILED ONSITE AND USED FOR TEMPORARY ROADS OR GENERAL FILL, AS APPROVED BY THE OWNER OR DEVELOPER. ANY BASE MATERIALS REMAINING UPON COMPLETION OF THE PROPOSED IMPROVEMENTS SHALL BE HAULED TO AN OFFSITE LOCATION.

8. ALL UTILITIES TO REMAIN AS NOTED SHALL BE ADJUSTED TO THE FINAL GRADES AS PROVIDED ON THE UTILITY PLANS.

9. GAS, TELEPHONE AND ELECTRIC DISTRIBUTION SYSTEM REMOVALS AND ADJUSTMENTS SHALL BE DONE BY RESPECTIVE UTILITY AND PAID FOR SEPARATELY BY OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THIS WORK INCIDENTAL TO THE CONTRACT. ALL ENVIRONMENTAL REMEDIATION WILL BE COMPLETED BY OWNER PRIOR TO START OF CONSTRUCTION.
10. ALL EXISTING UTILITIES ARE TO REMAIN IN SERVICE UNLESS SPECIFICALLY SHOWN TO BE REMOVED.

11. ALL PIPES TO BE ABANDONED IN PLACE SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM OF TWO (2) FEET NON-SHRINK CONCRETE MORTAR PLUGS. ANY STRUCTURES TO REMAIN SHALL HAVE THE BOTTOM BROKEN TO FACILITATE DRAINAGE AND FILLED WITH SAND OR PEA GRAVEL.

12. ALL EXISTING TREES, BRUSH, AND MISCELLANEOUS APPURTENANCES, SUCH AS FENCES, WHEEL STOPS, POLES LIGHTS AND MISCELLANEOUS DEBRIS SHALL BE HAULED TO AN OFFSITE LOCATION.

13. ANY EXISTING PAVEMENT TO REMAIN SHALL BE BROKEN UP IN PLACE TO PROVIDE ADEQUATE DRAINAGE.

14. THE CONTRACTOR SHALL ENSURE THAT ALL ADJOINING AREAS, INCLUDING ADJACENT STREETS AND DRIVENWAYS, SHALL BE FREE OF DEBRIS AT ALL TIMES.

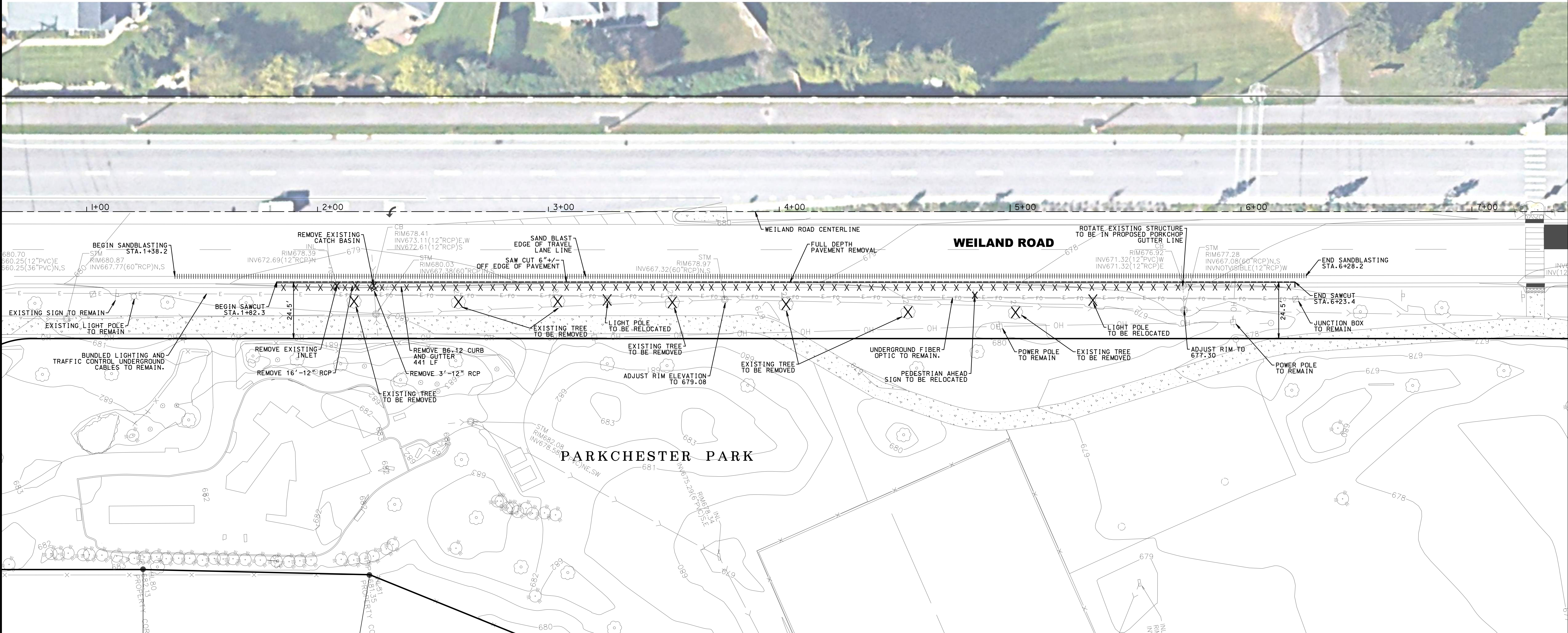
15. PAVEMENT, CURB AND GUTTER AND SIDEWALK SHALL BE SAWCUT FULL DEPTH AT THE LIMITS OF REMOVAL.
16. ALL TREES TO REMAIN SHALL BE PROTECTED WITH SILT FENCE OR ORANGE CONSTRUCTION FENCES. PROTECTIVE FENCING SHALL BE PLACED AT THE DRIP LINE OF THE TREE TO BE SAVED. CONSTRUCTION WITHIN THE FENCE WITHOUT PERMISSION FROM THE OWNER OR MUNICIPALITY IS STRICTLY PROHIBITED.

17. EXISTING WELLS ENCOUNTERED SHALL BE EXCAVATED, SEALED AND ABANDONED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL RULES AND REGULATIONS.

18. EXISTING SEPTIC FIELDS ENCOUNTERED SHALL BE EXPOSED, DRAINED AND ABANDONED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL RULES AND REGULATIONS.

19. ANY DAMAGE DONE TO EXISTING STRUCTURES OR OBJECTS NOT SHOWN TO BE REMOVED OR REPLACED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

DEMOLITION LEGEND	
EXISTING HMA PAVEMENT TO BE REMOVED	
EXISTING CURB TO BE REMOVED	
EXISTING STRUCTURE, TREE, MISCELLANEOUS OBJECT TO BE REMOVED	
SAWCUT (FULL DEPTH)	
EXISTING UTILITY TO BE REMOVED	
SANDBLASTING EDGE OF TRAVEL LANE	
PAVEMENT MARKING	





Mackie Consultants, LLC
9575 W. Higgins Road, Suite 500
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CLIENT:

BUFFALO GROVE PARK DISTRICT

530 BERNARD DRIVE
BUFFALO GROVE, ILLINOIS
(847) 850-2100

	DESIGNED	AJ
	DRAWN	AJ
	APPROVED	SRK
	DATE	10/23/2021
	SCALE	1" = 20'
DATE	DESCRIPTION OF REVISION	BY

EXISTING CONDITIONS AND DEMOLITION PLAN

WEILAND ROAD IMPROVEMENTS

BUFFALO GROVE, ILLINOIS

SHEET

3 OF **15**

PROJECT NUMBER: 4473A
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ILLINOIS FIRM LICENSE 184-002694

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GRADING PLAN GENERAL NOTES

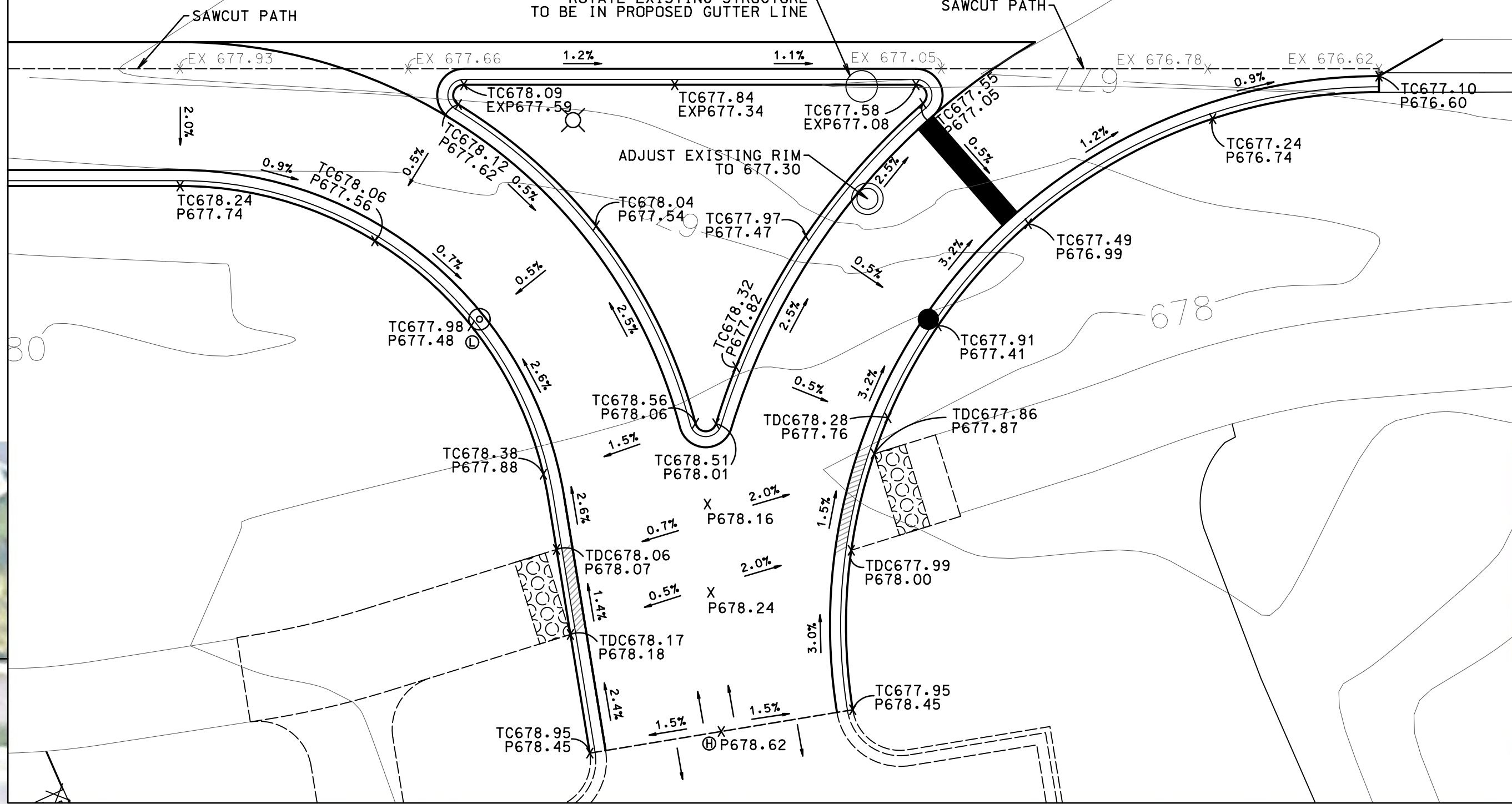
- EXISTING TOPOGRAPHY SHOWN REPRESENTS SITE CONDITIONS ON AUGUST 30, 2023. CONTRACTOR SHALL FIELD CHECK EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION AND NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES.
- ALL DISTURBED AREAS SHALL BE RESTORED WITH 6-INCHES OF TOPSOIL AND SEEDED.
- EXCAVATION AND EMBANKMENT SHALL BE PERFORMED PER THE DETAILED SPECIFICATIONS AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- ALL CURB ELEVATIONS ARE TO BE TOP OF CURB. ALL GUTTER ELEVATIONS ARE 0.5' BELOW TOP OF CURB ELEVATION UNLESS OTHERWISE NOTED.
- GRADING INDICATED MAY NEED TO BE ADJUSTED BASED ON FIELD CONDITIONS. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES WITH FIELD CONDITIONS PRIOR TO FINE GRADING.
- ALL DRAIN TILES ENCOUNTERED DURING MASS GRADING/UTILITY WORK MUST BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM. A RECORD MUST BE KEPT OF ANY DRAIN TILE ENCOUNTERED, TO BE INCLUDED IN RECORD DRAWINGS.
- DO NOT INTERRUPT DRAINAGE FROM OFF SITE DURING CONSTRUCTION OPERATIONS. PROVIDE TEMPORARY DRAINAGE DITCHES WHERE REQUIRED.
- CONTRACTOR SHALL MEET EXISTING GROUND ELEVATIONS AT PROPERTY LINE, UNLESS OTHERWISE NOTED AND THE APPROPRIATE EASEMENTS OR PERMISSION HAS BEEN OBTAINED.

STRUCTURE ID	FRAME/GRATE	NOTES
INL-1	R-3281-AL	OPEN
CB-2	R-3281-A	OPEN
MH-3	R-2577-B	OPEN
MH-4	R-3281-A	OPEN
CB-5	R-3281-AL	OPEN
EX MH-A	R-2504-G	OPEN
EX MH-B	R-2504-G	OPEN
EX CB-C	R-3281-AL	OPEN

5+00

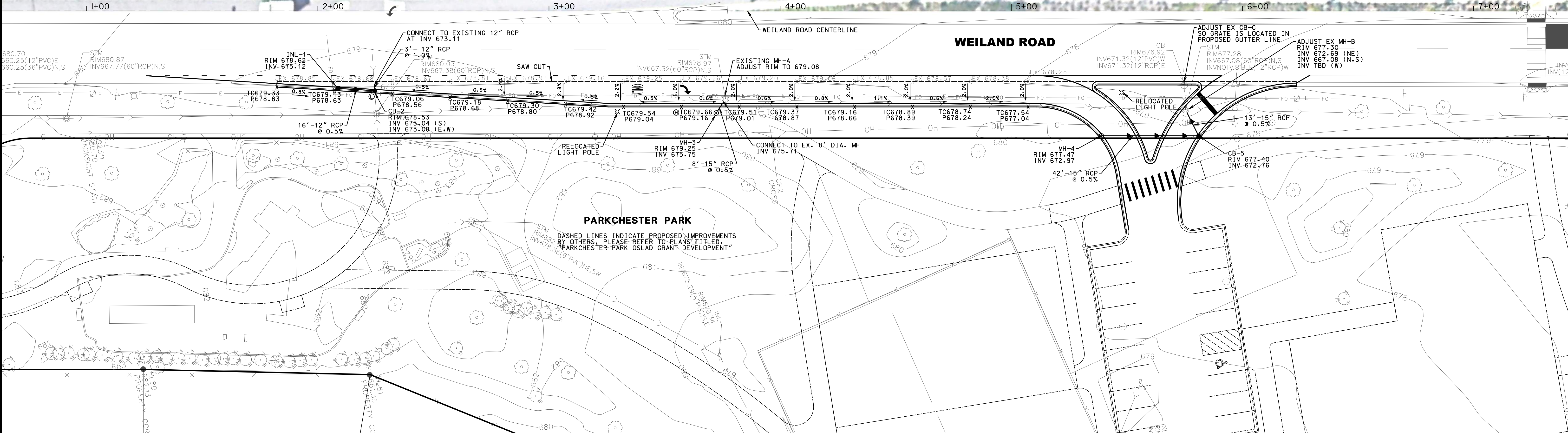
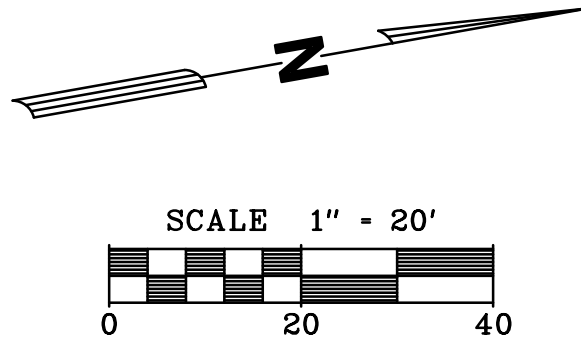
6+00

WEILAND ROAD CENTERLINE



UNDERGROUND UTILITY GENERAL NOTES

- ALL MANHOLES AND CATCH BASINS SHALL BE 48-INCH DIAMETER, UNLESS OTHERWISE INDICATED.
- ALL STORM SEWERS SHALL BE REINFORCED CONCRETE PIPE, MINIMUM CLASS 111, WITH ASTM C76 PIPE AC443 JOINTS, UNLESS OTHERWISE INDICATED. ALL STORM SEWERS WHICH ARE LOCATED IN THE SIDE YARD SHALL HAVE 10" RING GASKETED JOINTS. ALL OTHER SEWERS SHALL HAVE BITUMINOUS MASTIC JOINTS.
- GRANULAR TRENCH BACKFILL (CA-6) SHALL BE PROVIDED FOR ALL STORM UTILITIES WHEN THE TRENCH LIMITS FALL WITHIN TWO FEET OF STREETS, SIDEWALKS, DRIVEWAYS AND AS NOTED ON THE STORM TRENCH DETAIL ON PAGE 8.
- ALL DRAIN TILES ENCOUNTERED DURING MASS GRADING UTILITY WORK MUST BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM. A RECORD MUST BE KEPT OF ANY DRAIN TILE ENCOUNTERED, TO BE INCLUDED WITH THE RECORD DRAWINGS.
- ALL UNDERGROUND UTILITY INFORMATION NOTED ON THE PLANS IS BASED ON INFORMATION OBTAINED FROM THE MUNICIPALITY, UTILITY COMPANIES OR FIELD MEASUREMENTS. THIS INFORMATION, WHILE BELIEVED TO BE COMPLETE AND ACCURATE, CANNOT BE GUARANTEED.
- CONTRACTOR SHALL CONTACT JULIE (1-800-892-0123) PRIOR TO START OF CONSTRUCTION TO LOCATE ALL UTILITIES WITHIN THE RIGHT-OF-WAY.
- CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES AT ALL PROPOSED CONNECTIONS PRIOR TO START OF CONSTRUCTION AND NOTIFY THE ENGINEER AND OWNER OF ANY DISCREPANCIES.
- IN CASE OF CONFLICTS, THE MUNICIPALITY STANDARDS AND NOTES SHALL TAKE PRECEDENCE.
- EXISTING PAVEMENT REMOVED FOR UTILITY CONSTRUCTION SHALL BE DONE BY THE RESPECTIVE UTILITY COMPANY AND PAID FOR SEPARATELY BY THE OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THIS WORK INCIDENTAL TO THE CONTRACT.
- EXISTING OR PROPOSED MANHOLES, CATCH BASINS, INLETS AND VALVE VAULTS REQUIRING OVER 12-INCHES OF ADJUSTMENT RINGS SHALL USE AN ADDITIONAL BARREL SECTION TO MAINTAIN A MAXIMUM OF 12-INCH TOTAL ADJUSTMENT RING DEPTH.



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530 BERNARD DRIVE
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(847) 850-2100

DESIGNED	AJ
DRAWN	AJ
APPROVED	SRK
DATE	10/23/2021
SCALE	1" = 20'

**GRADING AND UTILITY PLAN
WEILAND ROAD IMPROVEMENTS
BUFFALO GROVE, ILLINOIS**

SHEET
4 OF 15
PROJECT NUMBER: 4473A
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GENERAL INFORMATION
THIS STORM WATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN DEVELOPED TO FULFILL ONE OF THE REQUIREMENTS OF THE GENERAL NPDES PERMIT NO. ILR10 FOR THE DISCHARGE OF STORM WATER ASSOCIATED WITH CONSTRUCTION PROJECTS DISTURBING ONE ACRE OR MORE. THE OWNER AND CONTRACTORS SHALL COMPLY WITH ALL REQUIREMENTS OF THE ILR10 FOR ALL SUCH CONSTRUCTION PROJECTS. THE STORM WATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY FROM THIS SITE ARE SUBJECT TO THE CONDITIONS AND REQUIREMENTS OF THE ILR10 GENERAL NPDES PERMIT, MODIFIED DATE AUGUST 3, 2018.

ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH "PROCEDURES AND STANDARDS FOR URBAN SOIL AND EROSION AND SEDIMENTATION CONTROL IN ILLINOIS" AND THE "ILLINOIS URBAN MANUAL."

THE EXECUTED OWNER CERTIFICATION AND THE CONTRACTOR CERTIFICATIONS SHALL BE KEPT ONSITE WITH THE APPROVED SWPPP.

SWPPP AVAILABILITY
THE OWNER SHALL RETAIN A COPY OF THE SWPPP AT THE CONSTRUCTION SITE FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.

KEEPING PLANS CURRENT
THE PERMITTEE SHALL AMEND THE PLAN WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE, WHICH HAS A SIGNIFICANT EFFECT ON THE POTENTIAL FOR THE DISCHARGE OF POLLUTANTS TO THE WATERS OF THE STATE AND WHICH HAS NOT OTHERWISE BEEN ADDRESSED IN THE PLAN OR IF THE PLAN PROVES TO BE INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY CONTROLLING POLLUTANTS IN STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION SITE ACTIVITY. IN ADDITION, THE PLAN SHALL BE AMENDED TO IDENTIFY ANY NEW CONTRACTOR AND/OR SUBCONTRACTOR THAT WILL IMPLEMENT A MEASURE OF THE PLAN. AMENDMENTS TO THE PLAN MAY BE REQUIRED BY THE MUNICIPALITY, OWNER, OR OTHER REVIEWING AGENCY. COPIES OF THE AMENDMENTS SHALL BE KEPT ONSITE AS PART OF THE SWPPP.

RETENTION OF RECORDS
THE OWNER SHALL RETAIN COPIES OF THIS PLAN AND ALL REPORTS AND NOTICES REQUIRED BY THIS PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT, FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE PERMIT COVERAGE EXPIRES OR IS TERMINATED. THIS PERIOD MAY BE EXTENDED BY THE REQUEST OF THE AGENCY AT ANY TIME. IN ADDITION, THE OWNER SHALL RETAIN A COPY OF THE PLAN REQUIRED BY THIS PERMIT AT THE CONSTRUCTION SITE FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.

ILR10 NOTICE OF TERMINATION GUIDANCE
WHEN A SITE HAS BEEN FINALLY STABILIZED AND ALL STORM WATER DISCHARGES FROM CONSTRUCTION SITES THAT ARE AUTHORIZED BY THE ILR10 PERMIT ARE ELIMINATED, THE OWNER OF THE FACILITY MUST SUBMIT A COMPLETED NOTICE OF TERMINATION THAT IS SIGNED IN ACCORDANCE WITH PART 11.F.1.6 (SIGNATORY REQUIREMENTS) OF THE PERMIT.

BEST MANAGEMENT PRACTICES FOR POST CONSTRUCTION STORMWATER MANAGEMENT
THE FOLLOWING POST-CONSTRUCTION PRACTICES HAVE BEEN INCLUDED WITHIN THIS STORMWATER POLLUTION PREVENTION PLAN TO CONTROL POLLUTION UPON COMPLETION OF CONSTRUCTION ACTIVITIES.

SWPPP LEGEND

INLET PROTECTION - FILTER BASKET

CONCRETE WASH-OUT

STABILIZED CONST. ENTRANCE

SILT FENCE

EROSION CONTROL BLANKET

CW

XX

THE FOLLOWING ITEMS HAVE NOT BEEN SPECIFICALLY SHOWN BUT ARE REQUIRED AS PART OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND MUST BE INCORPORATED DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED:

- TEMPORARY AND/OR PERMANENT STABILIZATION

- WASTE MANAGEMENT

- CONCRETE WASTE MANAGEMENT (CONCRETE WASH-OUT FACILITY)

- SEDIMENT TRAPS

- DUST CONTROL

- ALLOWABLE DEWATERING OPERATIONS.

DETAILS AND INFORMATION REGARDING THESE MEASURES HAVE BEEN PROVIDED ON SHEET 6.

THE OWNER AND CONTRACTORS SHALL ALSO REVIEW ALL CONSTRUCTION PRACTICES TO MINIMIZE THE POTENTIAL IMPACTS TO STORMWATER DISCHARGES FROM THE SITE. SPECIFIC CONSIDERATIONS ARE PROVIDED ON PAGE 6 FOR THE FOLLOWING ACTIVITIES:

- CONCRETE CUTTING

- VEHICLE STORAGE AND MAINTENANCE

- MATERIAL STORAGE

- SANITARY STATIONS

- SPILL PREVENTION

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(847) 850-2100

		DESIGNED	AJ
		DRAWN	AJ
		APPROVED	SRK
		DATE	10/23/2021
		SCALE	1" = 20'
DATE	DESCRIPTION OF REVISION	BY	

STORMWATER POLLUTION PREVENTION PLAN

WEILAND ROAD IMPROVEMENTS

BUFFALO GROVE, ILLINOIS

SHEET

5 OF 15

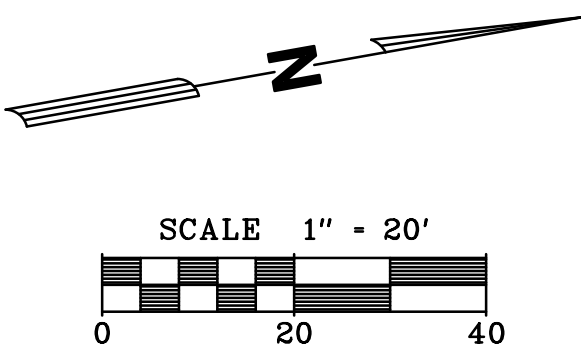
PROJECT NUMBER:

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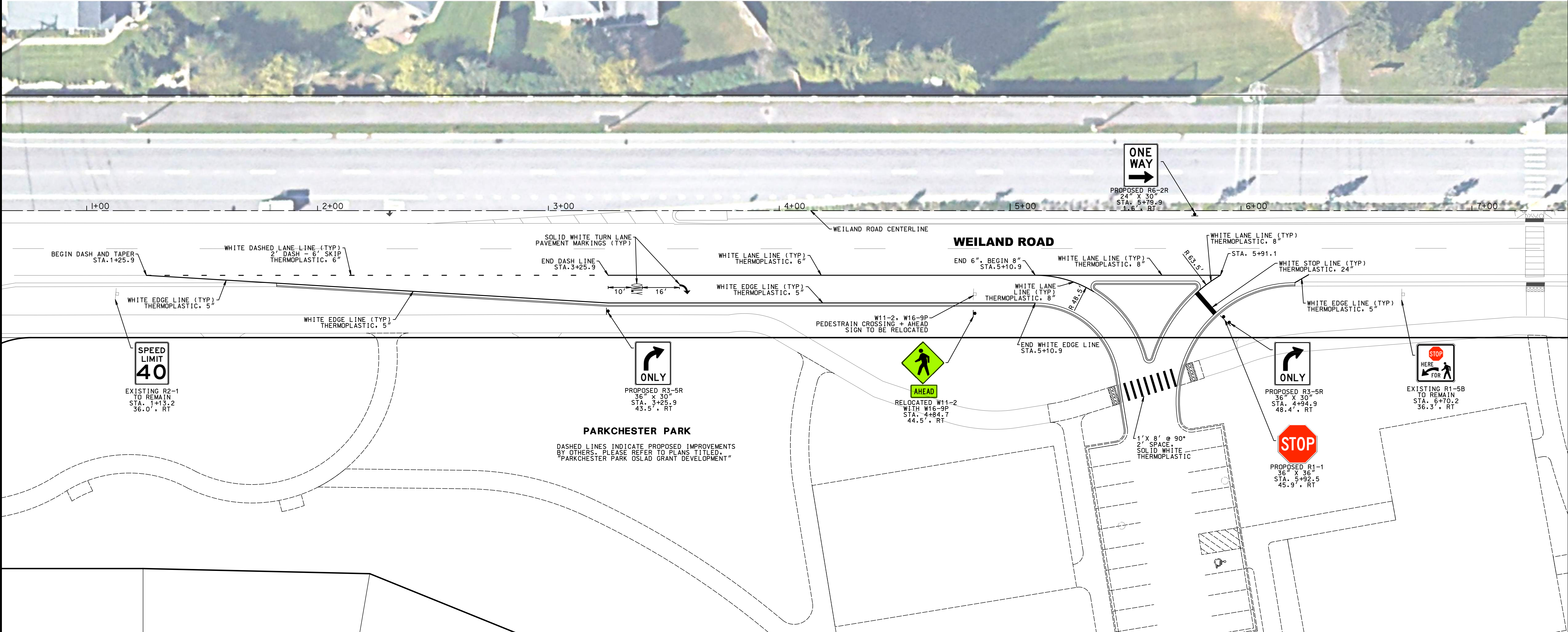
Page 31 of 583



EXISTING SIGN TABLE						
DESCRIPTION	TYPE	SIZE	STATION	OFFSET	FACE DIRECTION	NOTES
SPEED LIMIT	R2-1	18" X 24"	1+13.2	36.0' RT	SOUTH	TO REMAIN IN PLACE
PEDESTRIAN	W11-2	36" X 36"	4+84.7	36.2' RT	SOUTH	TO BE RELOCATED
"AHEAD"	W16-9P	24" X 12"	4+84.7	36.2' RT	SOUTH	TO BE RELOCATED
STOP HERE FOR PEDEST.	R1-5B	36" X 36"	6+70.2	36.3' RT	SOUTH	TO REMAIN IN PLACE

PROPOSED SIGN TABLE						
DESCRIPTION	TYPE	SIZE	STATION	OFFSET	FACE DIRECTION	NOTES
RIGHT-TURN ONLY	R3-5R	30" X 36"	3+25.9	43.5' RT	SOUTH	NEW SIGN
PEDESTRIAN	W11-2	36" X 36"	4+84.7	44.5' RT	SOUTH	USED SIGN
"AHEAD"	W16-9P	24" X 12"	4+84.7	44.5' RT	SOUTH	USED SIGN
ONE WAY (ARROW)	R6-2R	24" X 30"	5+79.9	1.6' RT	EAST	NEW SIGN
STOP SIGN	R1-1	36" X 36"	5+92.5	45.9' RT	SOUTHEAST	NEW SIGN
RIGHT-TURN ONLY	R3-5R	30" X 36"	4+94.9	48.4' RT	SOUTHEAST	NEW SIGN

- PAVEMENT MARKING PLAN GENERAL NOTES
- TRAFFIC ALONG WEILAND ROAD SHALL BE MAINTAINED AT ALL TIMES.
 - ALL PAVEMENT MARKINGS SHALL BE GROOVED THERMOPLASTIC, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.
 - PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE LAKE COUNTY DIVISION OF TRANSPORTATION STANDARD SPECIFICATION AND IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
 - DIMENSIONS AND LOCATIONS SHOWN FOR PAVEMENT MARKINGS ARE APPROXIMATE. EXACT DIMENSIONS AND LOCATIONS SHALL BE DETERMINED IN THE FIELD BY INDOT.
 - CONTRACTOR SHALL REMOVE ALL EXISTING CONFLICTING PAVEMENT MARKINGS COMPLETELY WHICH ARE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
 - ALL SIGNS SHALL MEET CURRENT RETRO REFLECTIVITY STANDARDS.



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PAVEMENT MARKING AND SIGNING PLAN
WEILAND ROAD IMPROVEMENTS
BUFFALO GROVE, ILLINOIS

SHEET
7 OF 15

PROJECT NUMBER: 4473A
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CLIENT:

BUFFALO GROVE PARK DISTRICT

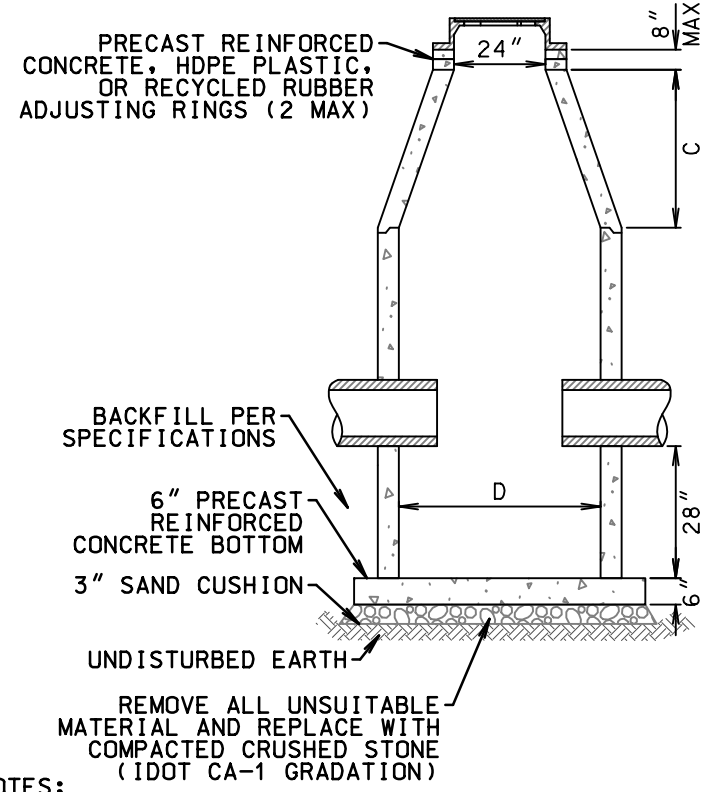
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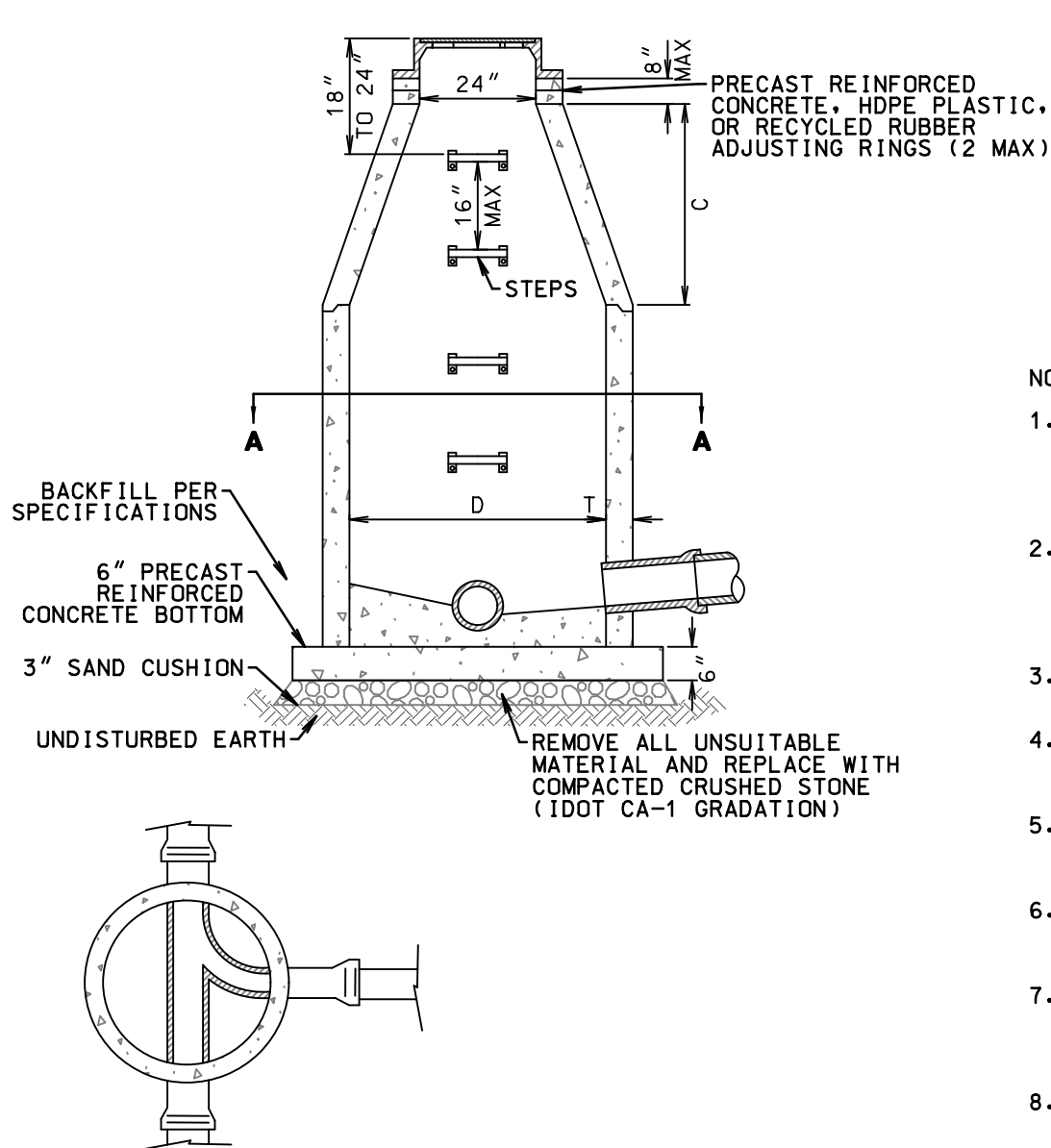
CONSTRUCTION DETAILS
WEILAND ROAD IMPROVEMENTS
BUFFALO GROVE, ILLINOIS

SHEET	
8 OF 15	
PROJECT NUMBER:	4473A
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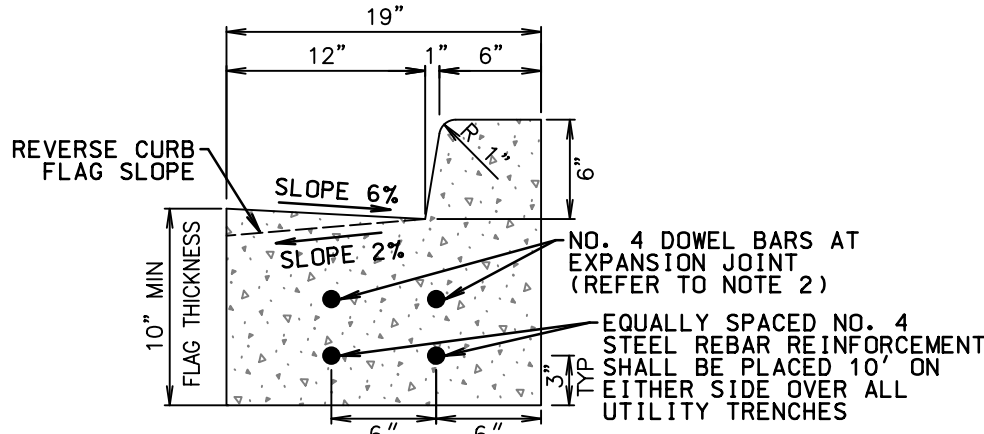
MATERIALS FOR WALLS	D	C	T (MIN)
PRECAST REINFORCED CONCRETE RISERS ASTM C-478	36"	15"	4"
	48"	30"	5"
	60"	45"	5"



CATCH BASIN DETAIL
NOT TO SCALE



MANHOLE DETAIL
NOT TO SCALE



DEPRESSED CURB

NOTES:

- CURB SHALL BE CONSTRUCTED WITH IDOT CLASS "S1" CONCRETE.
- CONTRACTION AND EXPANSION JOINTS SHALL BE PROVIDED IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS, UNLESS OTHERWISE NOTED.
- CURB AND GUTTER SHALL BE PLACED ON 4" MINIMUM COMPACTED AGGREGATE BASE COURSE. AGGREGATE BASE COURSE SHALL EXTEND A MINIMUM OF 1-FOOT BEHIND BACK OF CURB.
- PITCH SLOPE SHALL BE 6.0% UNLESS ADJACENT TO ADA ACCESSIBLE CURB RAMP WHERE A MAXIMUM OF 5% SLOPE SHALL BE PROVIDED.

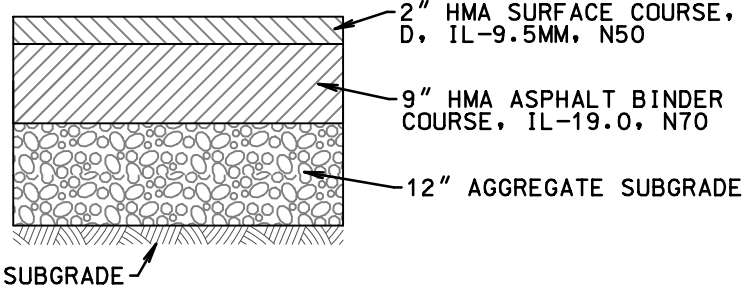
B-6.12 CURB AND GUTTER
NOT TO SCALE

MATERIALS FOR WALLS	D	C	T (MIN)
PRECAST REINFORCED CONCRETE RISERS ASTM C-478	48"	30"	5"
	60"	45"	5"
	21" THRU 42"		60"

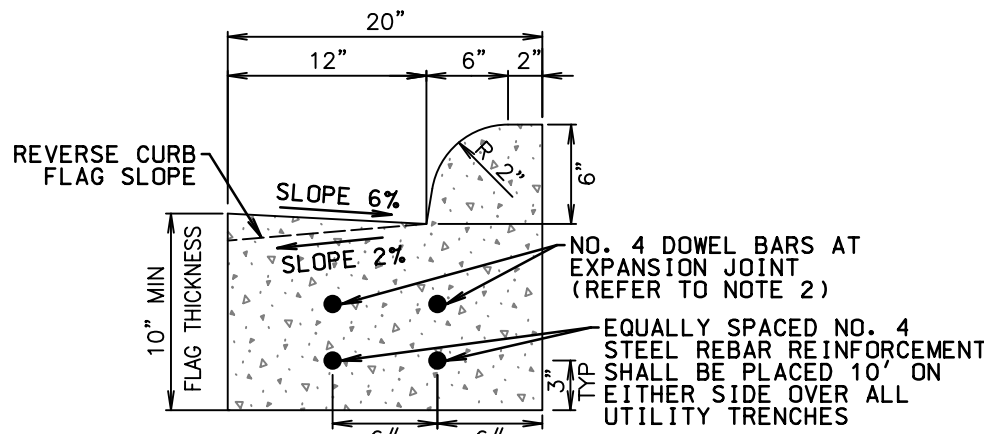
NOTES:

- PRECAST MANHOLES AND STRUCTURES SHALL CONFORM TO ASTM C478 AND THE DIMENSIONS SHOWN ON THE PLANS. PRECAST COMPONENTS SHALL BE SUBSTANTIALLY FREE FROM FRACTURES, LARGE OR DEEP CRACKS AND SURFACE ROUGHNESS CONFORMING THE QUALITY CRITERIA ESTABLISHED IN ASTM C478.
- PRECAST SECTIONS TO BE JOINED WITH TONGUE AND GROOVE JOINTS SEALED WITH A CONTINUOUS LAYER OF PREFORMED FLEXIBLE GASKETS, RUBBER GASKETS, BUTYL ROPE OR OTHER EQUIVALENT BITUMINOUS MATERIAL PER THE STANDARD SPECIFICATIONS FOR SEWER AND WATER MAIN CONSTRUCTION IN ILLINOIS., LATEST EDITION.
- STORM STRUCTURE FRAME AND COVERS SHALL BE IN ACCORDANCE WITH THE FRAME AND GRATE SCHEDULE PROVIDED.
- STEPS SHALL BE NEENAH R-1980-J, OR POLYPROPYLENE COATED STEEL REINFORCING RODS (1/2" MIN) WITH LOAD AND PULLOUT RATINGS ESTABLISHED BY ENGINEER. MANHOLE DIMENSIONS SHALL BE DETERMINED BASED ON ELEVATIONS PROVIDED ON THE PLANS.
- FRAME TO BE SET TO FINISHED GRADE SHOWN ON PLANS OR GRADE ESTABLISHED BY ENGINEER. MANHOLE DIMENSIONS SHALL BE DETERMINED BASED ON ELEVATIONS PROVIDED ON THE PLANS.
- ALL LIFT HOLES SHALL BE FILLED WITH A PRECAST CONCRETE PLUG SEALED AND COVERED WITH MASTIC OR THOROUGHLY WETTED, FILLED WITH MORTAR, SMOOTHED AND POINTED INSIDE AND OUT.
- AGGREGATE BACKFILL (IDOT CA-6, CA-7, CA-10 OR FA-10) SHALL BE PROVIDED AROUND STRUCTURE TO SUBGRADE ELEVATION WHEN MANHOLE FALLS WITHIN 24-INCHES OF ALL PAVEMENTS, CURB AND GUTTER, DRIVEWAYS AND SIDEWALKS.
- MANHOLES LOCATED IN THE CURB LINE SHALL REQUIRE OPENING TO BE PLACED IN PROPER LOCATION WITH RESPECT TO BACK OF CURB.

MANHOLE DETAIL
NOT TO SCALE



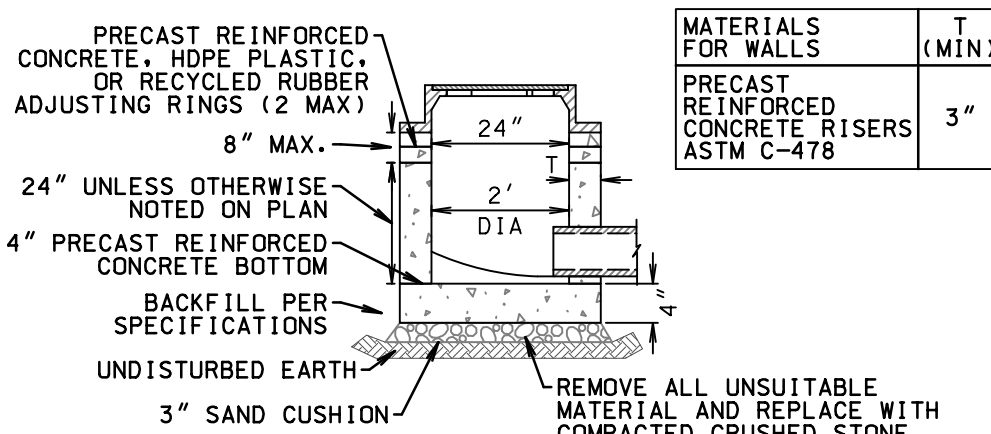
FULL-DEPTH HMA PAVEMENT
NOT TO SCALE



NOTES:

- CURB SHALL BE CONSTRUCTED WITH IDOT CLASS "S1" CONCRETE.
- CONTRACTION AND EXPANSION JOINTS SHALL BE PROVIDED IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS, UNLESS OTHERWISE NOTED.
- CURB AND GUTTER SHALL BE PLACED ON 4" MINIMUM COMPACTED AGGREGATE BASE COURSE. AGGREGATE BASE COURSE SHALL EXTEND A MINIMUM OF 1-FOOT BEHIND BACK OF CURB.
- PITCH SLOPE SHALL BE 6.0% UNLESS ADJACENT TO ADA ACCESSIBLE CURB RAMP WHERE A MAXIMUM OF 5% SLOPE SHALL BE PROVIDED.

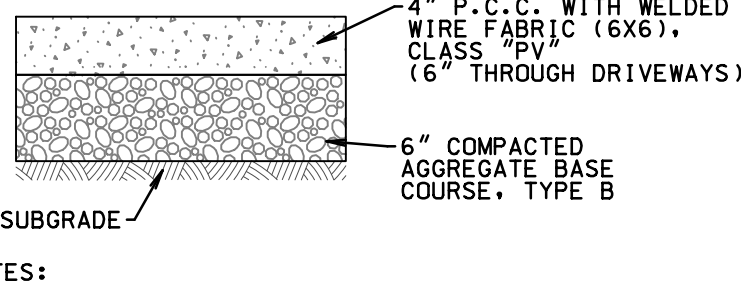
M-6.12
NOT TO SCALE



NOTES:

- PRECAST MANHOLES AND STRUCTURES SHALL CONFORM TO ASTM C478 AND THE DIMENSIONS SHOWN ON THE PLANS. PRECAST COMPONENTS SHALL BE SUBSTANTIALLY FREE FROM FRACTURES, LARGE OR DEEP CRACKS AND SURFACE ROUGHNESS CONFORMING THE QUALITY CRITERIA ESTABLISHED IN ASTM C478.
- PRECAST SECTIONS TO BE JOINED WITH TONGUE AND GROOVE JOINTS SEALED WITH A CONTINUOUS LAYER OF PREFORMED FLEXIBLE GASKETS, RUBBER GASKETS, BUTYL ROPE OR OTHER EQUIVALENT BITUMINOUS MATERIAL PER THE STANDARD SPECIFICATIONS FOR SEWER AND WATER MAIN CONSTRUCTION IN ILLINOIS., LATEST EDITION.
- STORM STRUCTURE FRAME AND COVERS SHALL BE IN ACCORDANCE WITH THE FRAME AND GRATE SCHEDULE PROVIDED.
- FRAME TO BE SET TO FINISHED GRADE SHOWN ON PLANS OR GRADE ESTABLISHED BY ENGINEER. MANHOLE DIMENSIONS SHALL BE DETERMINED BASED ON ELEVATIONS PROVIDED ON THE PLANS.
- ALL LIFT HOLES SHALL BE FILLED WITH A PRECAST CONCRETE PLUG SEALED AND COVERED WITH MASTIC OR THOROUGHLY WETTED, FILLED WITH MORTAR, SMOOTHED AND POINTED INSIDE AND OUT.
- AGGREGATE BACKFILL (IDOT CA-6, CA-7, CA-10 OR FA-10) SHALL BE PROVIDED AROUND STRUCTURE TO SUBGRADE ELEVATION WHEN MANHOLE FALLS WITHIN 24-INCHES OF ALL PAVEMENTS, CURB AND GUTTER, DRIVEWAYS AND SIDEWALKS.
- MANHOLES LOCATED IN THE CURB LINE SHALL REQUIRE OPENING TO BE PLACED IN PROPER LOCATION WITH RESPECT TO BACK OF CURB.

INLET DETAIL
NOT TO SCALE



NOTES:

- CONTRACTION AND EXPANSION JOINTS SHALL BE PROVIDED IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS, UNLESS OTHERWISE NOTED.

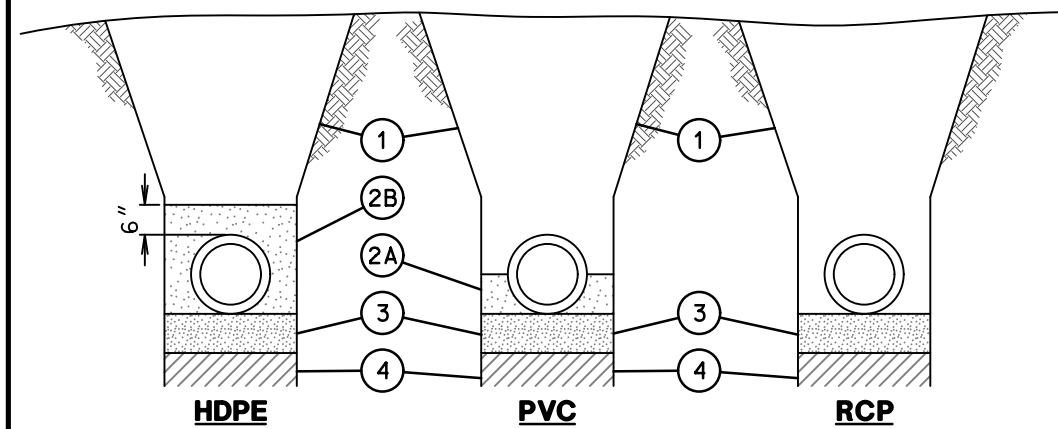
PCC PAVEMENT DETAIL
NOT TO SCALE

FRAMES AND GRATES ON ALL STRUCTURES SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLANS:

STORM:

- ALL OPEN LID GRATES SHALL CONTAIN THE TROUT LOGO OR APPROVED EQUAL AS SPECIFIED BY THE MUNICIPALITY FRAMES AND COVERS SHALL BE AS FOLLOWS:
- CLOSED LID (CL): NEENAH R-1772, SOLID LID COVER OR EJIW 1050 WITH TYPE "A" COVER, SHALL HAVE THE WORD "STORM" ON THE COVER AND SHALL HAVE THE MUNICIPALITY NOTED IN 2" RAISED LETTERS.
 - B&12 CURB AND GUTTER: NEENAH R-3281-AL WITH TYPE "L" GRATE OR EJIW 7210 WITH TYPE "M1" GRATE.
 - DEPRESSED CURB AND GUTTER, EXCEPT ADA ACCESSIBLE ROUTES: NEENAH R-3281-AL WITH TYPE "A" GRATE OR EJIW 7210 WITH M1 GRATE. CURB PLATE SHALL BE FLUSH WITH FLAG OF CURB.
 - OPEN LID WITHIN PAVEMENT, EXCEPT ADA ACCESSIBLE ROUTES: NEENAH R-2504 WITH TYPE "G" GRATE OR EJIW 1050 WITH TYPE "M1" GRATE.
 - OPEN LID WITHIN ADA ACCESSIBLE ROUTES: NEENAH R-3067-C WITH TYPE "G" GRATE OR APPROVED EQUAL. NOTE A CURB BOX SHALL NOT BE PERMITTED. OPENINGS MUST BE PERPENDICULAR TO THE DIRECTION OF TRAVEL.
 - OPEN LID WITHIN LANDSCAPED AREAS: NEENAH R-2577-B WITH TYPE "B" GRATE OR APPROVED EQUAL.
 - OPEN LID WITHIN REAR YARDS (BEEHIVE): NEENAH R-4340-B WITH "BEEHIVE" GRATE OR EJIW 6527.

FRAME AND GRATE SCHEDULE
NOT TO SCALE



TRENCH DEPTH/PROTECTION	REQUIRED TRENCH WIDTH ON EACH SIDE OF THE PIPE
5' AND LESS, WITHOUT PROTECTION	12"
5' AND LESS, WITH PROTECTION	18"
GREATER THAN 5'	18"

LEGEND:

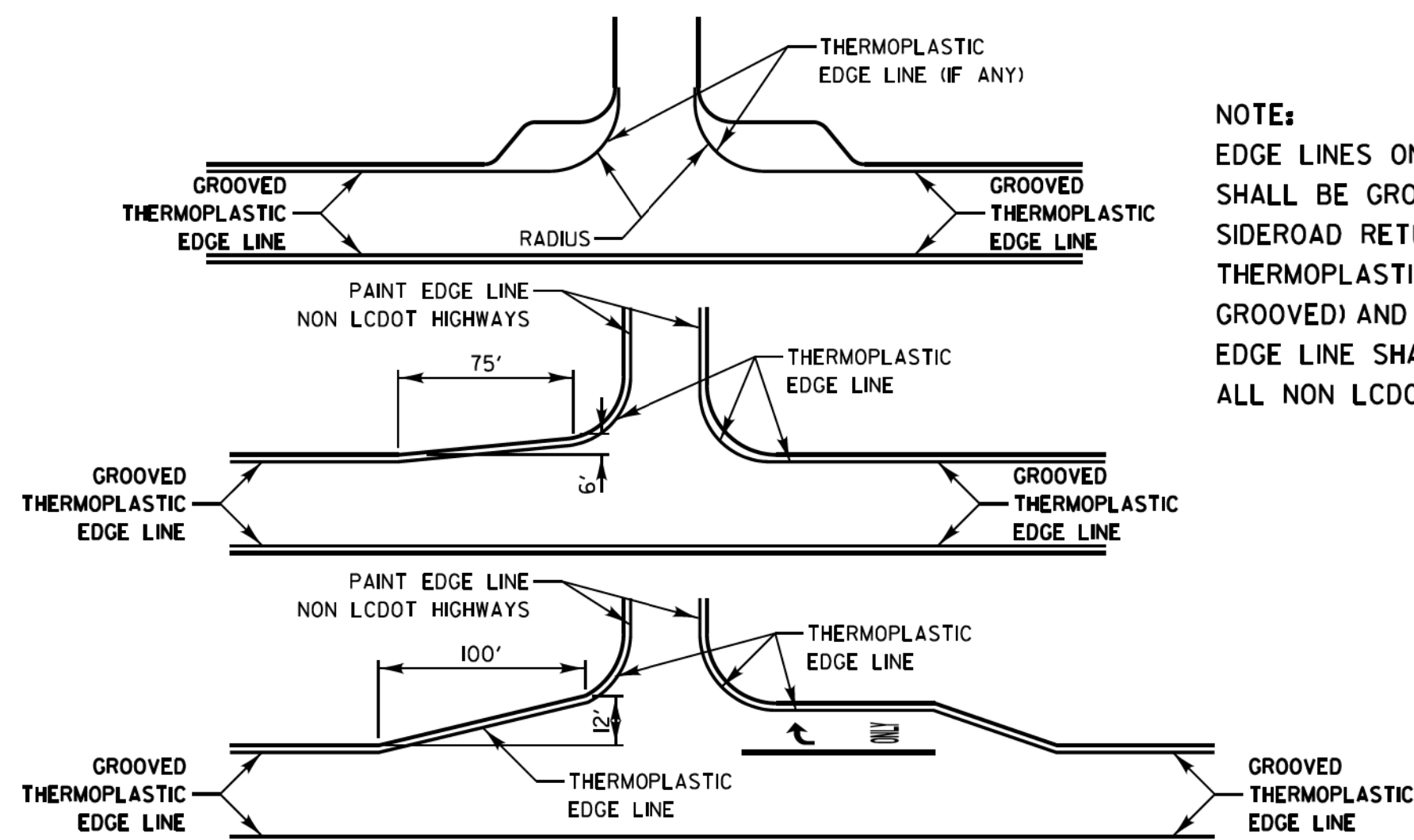
- SELECTED GRANULAR BACKFILL - IDOT CA-6, CA-10 OR FA-10 OR AS SPECIFIED. SHALL BE USED BENEATH AND WITHIN 2' OF PAVEMENTS, CURBS AND GUTTERS, DRIVEWAYS AND SIDEWALKS. SUITABLE EXCAVATED MATERIAL MAY BE USED WHEN SELECTED GRANULAR BACKFILL IS NOT REQUIRED.
- HAUNCHING MATERIAL - IDOT CA-6, CA-10, OR FA-10. HAUNCHING MATERIAL SHALL BE PLACED LONGITUDINALLY ALONG THE PIPE IN MAXIMUM 6 INCH LIFTS, LOOSE MEASURE.
- INITIAL BACKFILL - IDOT CA-6, CA-10 OR FA-10. INITIAL BACKFILL SHALL BE PLACED IN UNIFORM LAYERS NOT EXCEEDING 6 INCHES THICK LOOSE MEASURE.
- 4" MINIMUM BEDDING - IDOT CA-6, CA-10 OR FA-10. BEDDING THICKNESS SHALL BE 6" MINIMUM FOR ADS PIPE GREATER THAN 30".
- UNSUITABLE MATERIAL TO BE REMOVED AND REPLACED AS DIRECTED BY SOILS ENGINEER.

NOTES:
1. ALL TRENCH AND BRACING SHALL CONFORM TO FEDERAL, STATE, AND LOCAL REGULATIONS.

STORM SEWER TRENCH DETAIL
NOT TO SCALE

LANE REDUCTION

EDGE LINE RADII AT SIDE STREETS



NOTE:
EDGE LINES ON LCDOT HIGHWAYS
SHALL BE GROOVED THERMOPLASTIC.
SIDEROAD RETURNS SHALL BE A
THERMOPLASTIC EDGE LINE (NOT
GROOVED) AND THE SIDEROAD
EDGE LINE SHALL BE PAINT ON
ALL NON LCDOT HIGHWAYS.

REFERENCE:
1. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES,
2009 EDITION (USDOT-FHWA), TABLE 2C-4, CONDITION "A".

FOR POSTED SPEEDS
≥ 25MPH, ADD LANE
REDUCTION ARROWS

50' 65' D/4 D D/8

DESIGN SPEED MPH	D (FEET)
<45	VARIABLE
45	775' [150']
50	885' [150']
55	990' [150']

TYPICAL TURN BAY PAVEMENT MARKINGS

25' - 49'

8' 16' 8'

50' - 200'

8' - 158' 8' 16' 8' 10'

8' 16' 8' 10'

OVER 200'

10' 8' 16' 8' 8' 16' 8' 10'

10' 8' 16' 8' 10'

* AT INTERSECTIONS WITH VIDEO DETECTION,
THE ARROW AND ONLY PAVEMENT MARKINGS
SHALL BE A MINIMUM OF 30' BEHIND THE STOP
BAR.

AREA = 15.6 SQ. FT.

ONLY AREA = 20.8 SQ. FT.

FULL SIZE LETTERS (8") AND ARROWS SHALL BE USED.
TURN LANES IN EXCESS OF 400' IN LENGTH MAY HAVE AN ADDITIONAL
SET OF ARROW W/ "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO
SETS OF ARROW W/ "ONLY".

DIAGONAL SPACING		
SPEED LIMIT RANGE	CONTINUOUS	INTERSECTION CHANNELIZATION
30-45 MPH	75 FT.	20 FT.
OVER 45 MPH	150 FT.	30 FT.

CONTINUOUS DIAGONALS

MINIMUM OF 5 DIAGONALS REQUIRED

CHANNELIZATION DIAGONALS

CONTINUOUS DIAGONALS

2 $\times$ 4" DOUBLE YELLOW LINE
11" C-C

12" YELLOW DIAGONAL LINE
AT 20' OR 30" C-C
MINIMUM OF 5 DIAGONAL LINES REQUIRED

12" YELLOW DIAGONAL LINE
AT 75' OR 150" C-C
MINIMUM OF 5 DIAGONAL LINES REQUIRED

2 $\times$ 4" DOUBLE YELLOW LINE
11" C-C

12" YELLOW DIAGONAL LINE
AT 20° OR 30° C-C
MINIMUM OF 5 DIAGONAL LINES REQUIRED

A MINIMUM OF TWO PAIRS OF DUAL LEFT TURN ARROWS SHALL BE USED. THE DUAL LEFT TURN ARROWS SHALL BE WHITE IN COLOR. THE INTERVAL BETWEEN SETS OF DUAL LEFT TURN ARROWS SHOULD BE 200' AND 300'.

31.2 SQ. FT. MINIMUM
OF 2 SETS REQUIRED

REVISIONS	DATE
SEPARATED RAILROAD SHEET	06/02/00
ADDED LANE REDUCTION ARROWS	07/1/12
RAISED TO RECESSED MARKERS	12/2/13
REMOVE STATION NUMBERS	5/30/14
THERMO EDGE LINES at RETURNS	11/8/16
ALL PM TO GROOVED THERMO	1/26/17
REVISED EDGE LINES at RETURNS	4/10/17
REVISED STOP BAR/DRI YELLOW	8/31/17



APPROVED BY: A. KHAWAJA
DATE: APRIL 1, 2007

SHEET 1 OF 2

1C7800

ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
CHXX	XXX	XX-XXXXXX-XX-XX	XXX	XXX

REVISIONS / REMARKS					
NO.	DESCRIPTION	DATE	BY	SURVEYOR ₁	/
		/ /		DSGNN/LIAISON ₁	
		/ /		PLATTER, D ₁	1-1-1987 0-15 1987

FILE NAME: C:\Users\hdrmc\Desktop\LC7800 TYPICAL PAVEMENT MARKINGS FOR COUNTY HIGHWAYS.dgn



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			DESIGNED	AJ
			DRAWN	AJ
			APPROVED	SRK
			DATE	10/23/202
DATE	DESCRIPTION OF REVISION	BY	SCALE	

**CONSTRUCTION DETAILS
WEILAND ROAD IMPROVEMENTS
BUFFALO GROVE, ILLINOIS**

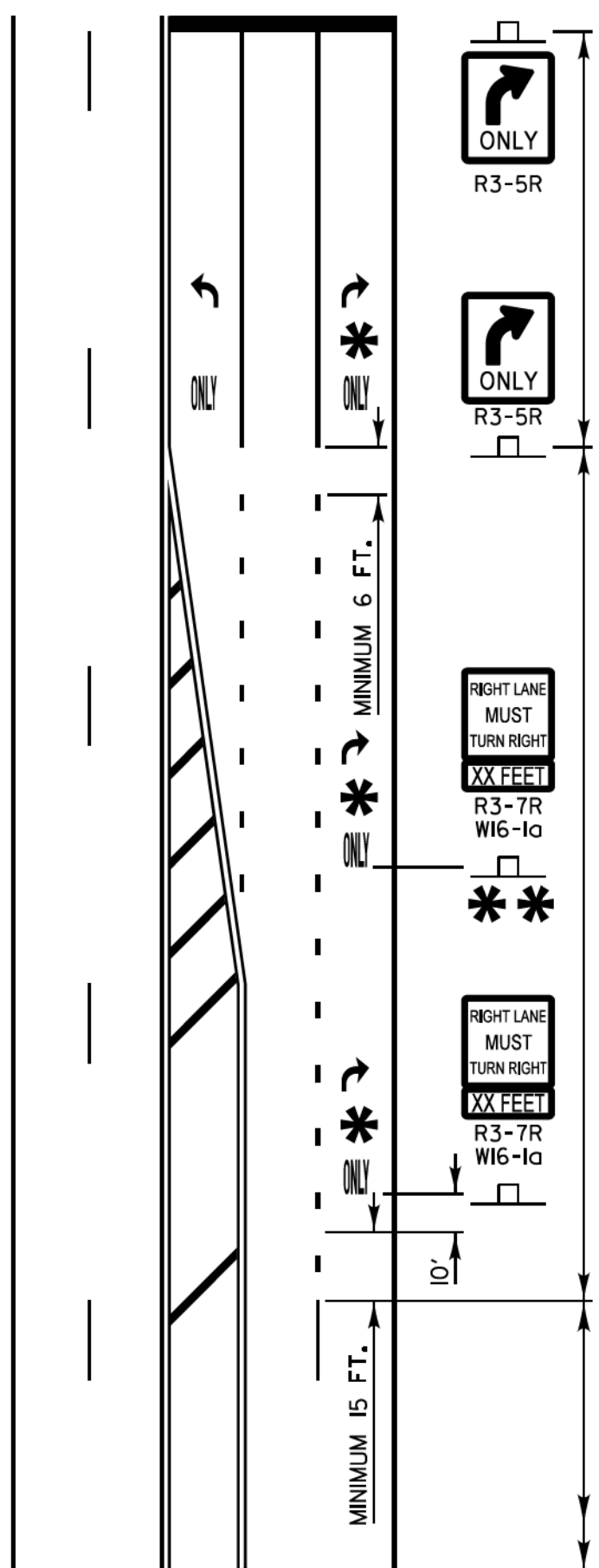
HEET

9 OF 15

PROJECT NUMBER:	4473A
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THRU LANE TO TURN LANE CONVERSION



TYPICAL PAVEMENT MARKINGS AND RECESSED PAVEMENT MARKERS

TURN LANE
6' WHITE LINE
(ADDITIONAL PAVEMENT MARKINGS AS SHOWN
ON SHEET ONE OF THE L.C.D.O.T TYPICAL
PAVEMENT MARKINGS DETAIL SHEETS)

MINIMUM TRANSITION ZONE LENGTH

TRANSITION ZONE
6' WHITE 3' 1/2' SKIP DASH
LANE LINE

POSTED SPEED	LENGTH
25 M.P.H.	255 FT
30 M.P.H.	330 FT
35 M.P.H.	405 FT
40 M.P.H.	480 FT
45 M.P.H.	555 FT
50 M.P.H.	630 FT
55 M.P.H.	705 FT

* LOCATION OF PAV'T MARKINGS (MEASURED FROM BEGINNING OF TRANSITION ZONE)

POSTED SPEED	LOCATION OF PAV'T MARKINGS
25 M.P.H.	10 FT, 260 FT
30 M.P.H.	10 FT, 170 FT, 340 FT
35 M.P.H.	10 FT, 210 FT, 410 FT
40 M.P.H.	10 FT, 170 FT, 330 FT, 490 FT
45 M.P.H.	10 FT, 190 FT, 370 FT, 560 FT
50 M.P.H.	10 FT, 170 FT, 330 FT, 490 FT, 640 FT
55 M.P.H.	10 FT, 180 FT, 350 FT, 520 FT, 710 FT

** FOR POSTED SPEEDS 40 M.P.H. OR GREATER
A SECOND R3-7/W16-1a SIGN INSTALLATION
SHALL BE LOCATED HALFWAY BETWEEN THE
BEGINNING OF THE TRANSITION ZONE AND THE
BEGINNING OF THE TURN LANE

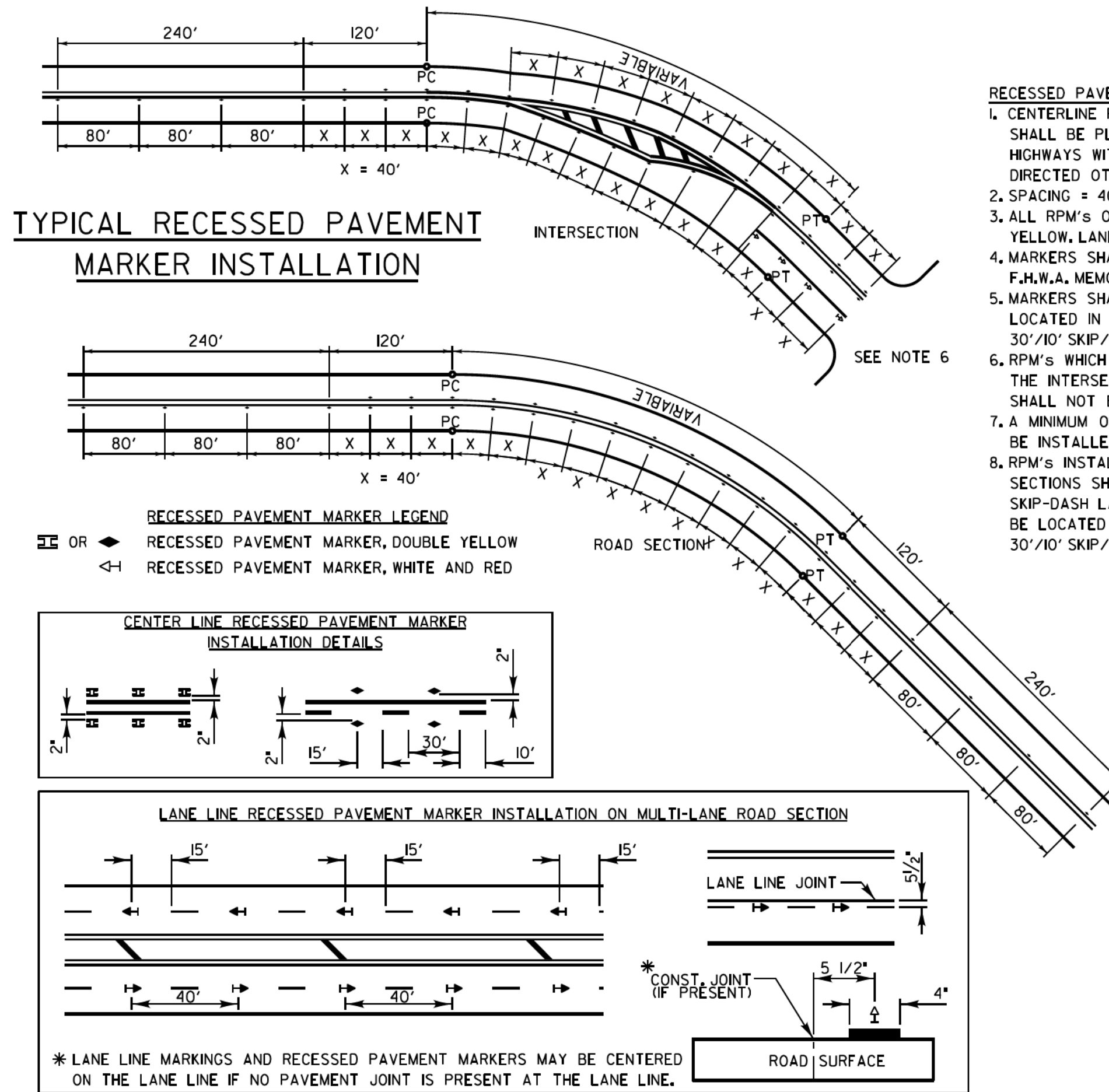
PAVEMENT MARKING GUIDELINES				
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE OF 2 LANE PAVEMENT	4 IN.	SKIP-DASH	YELLOW	10 FT. LINE WITH 30 FT. SPACE
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 IN. 2 @ 4 IN.	SOLID SOLID	YELLOW YELLOW	5 1/2 IN. C-C FROM SKIP-DASH CENTERLINE 11 IN. C-C (OMIT SKIP-DASH CENTERLINE BETWEEN)
CENTERLINE ON MULTI-LANE UNDIVIDED LANE LINES	2 @ 4 IN.	SOLID SKIP-DASH	YELLOW WHITE	11 IN. C-C 10 FT. LINE WITH 30 FT. SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2 FT. LINE WITH 6 FT. SPACE
EDGE LINES	5 IN. WHITE 4 IN. YELLOW	SOLID	WHITE - RIGHT YELLOW - LEFT	OUTLINE RAISED MEDIANS IN YELLOW
TURN LANE MARKINGS	6 IN. LINE FULL SIZE LETTERS AND SYMBOLS (8 FT.)	SOLID	WHITE	TURN ARROW 15.6 SQ. FT. STRAIGHT ARROW 11.5 SQ. FT. ONLY 20.8 SQ. FT. COMB. ARROW 26.0 SQ. FT.
TWO WAY LEFT TURN MARKING	2 @ 4 IN. EACH DIRECTION 8 FT. LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10 FT. LINE WITH 30 FT. SPACE FOR SKIP-DASH 5 1/2 IN. C-C BETWEEN SKIP-DASH LINE AND SOLID LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK	12 IN. @ 90°	SOLID	WHITE	12 IN. LONGITUDINAL BAR WITH 24 IN. SPACE 6 FT. TO 12 FT. WIDE SEE TYPICAL CROSSWALK MARKING DETAIL
STOP BARS	24 IN.	SOLID	WHITE	PLACE 4 FT. IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE PLACE AT DESIRED STOPPING POINT.
PAINTED MEDIANS	2 @ 4 IN. & 11 IN. C-C 12 IN. DIAGONALS @ 45° NO DIAGONALS USED FOR 4 FT. WIDE MEDIAN	SOLID	YELLOW; 2-WAY TRAFFIC WHITE; 1-WAY TRAFFIC	11 IN. C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING DETAIL MINIMUM OF 5 DIAGONALS
GORE MARKING AND CHANNELIZING LINES	8 IN. WITH 12 IN. DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS 15 FT. C-C (LESS THAN 30 M.P.H.) 20 FT. C-C (30 TO 45 M.P.H.) 30 FT. C-C (OVER 45 M.P.H.) MINIMUM OF 5 DIAGONALS
R.R. CROSSING	24 IN. TRANSVERSE LINES RR IS 6 FT. LETTER 16 IN. LINE FOR "X"	SOLID	WHITE	SEE I.D.O.T. STD. 780001 50 FT. AREA OF "R" = 3.6 SQ. FT. / "R" "X" = 54.0 SQ. FT.
SHOULDER DIAGONALS (FOR PAVED SHOULDER 2 @ 6 FT.)	12 IN. @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50 FT. C-C (LESS THAN 30 M.P.H.) 75 FT. C-C (30 TO 45 M.P.H.) 150 FT. C-C (OVER 45 M.P.H.) MINIMUM OF 5 DIAGONALS

ALL PAVEMENT MARKINGS TO BE GROOVED THERMOPLASTIC, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER

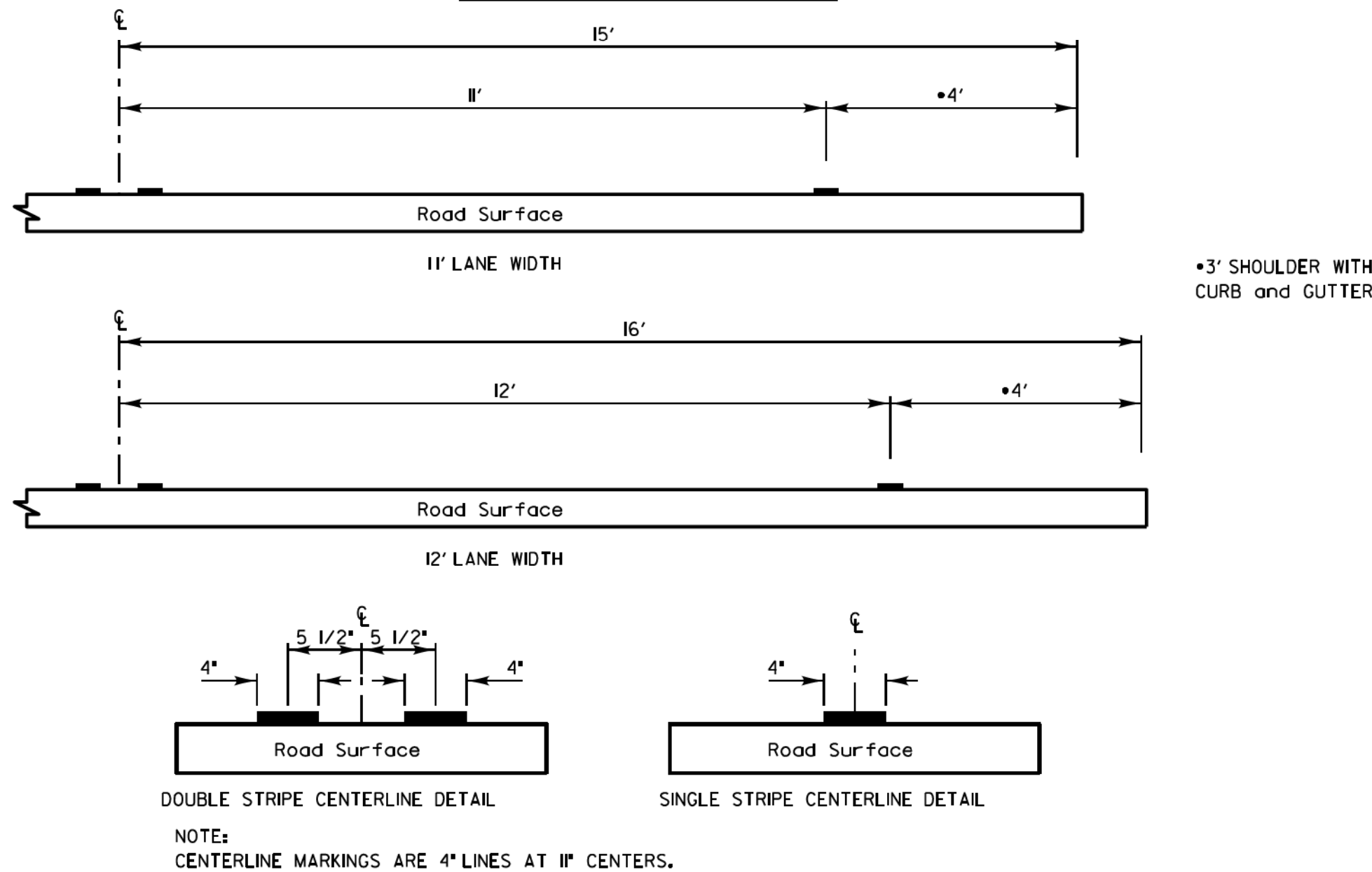
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO PART III "MARKINGS" IN THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES",
THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", AND THE LATEST I.D.O.T. HIGHWAY STANDARD 78000L

REVISIONS / REMARKS				
NO.	DESCRIPTION	DATE	BY	SURVEYOR
				DSGNR/LIAISON
				PLOTTED BY

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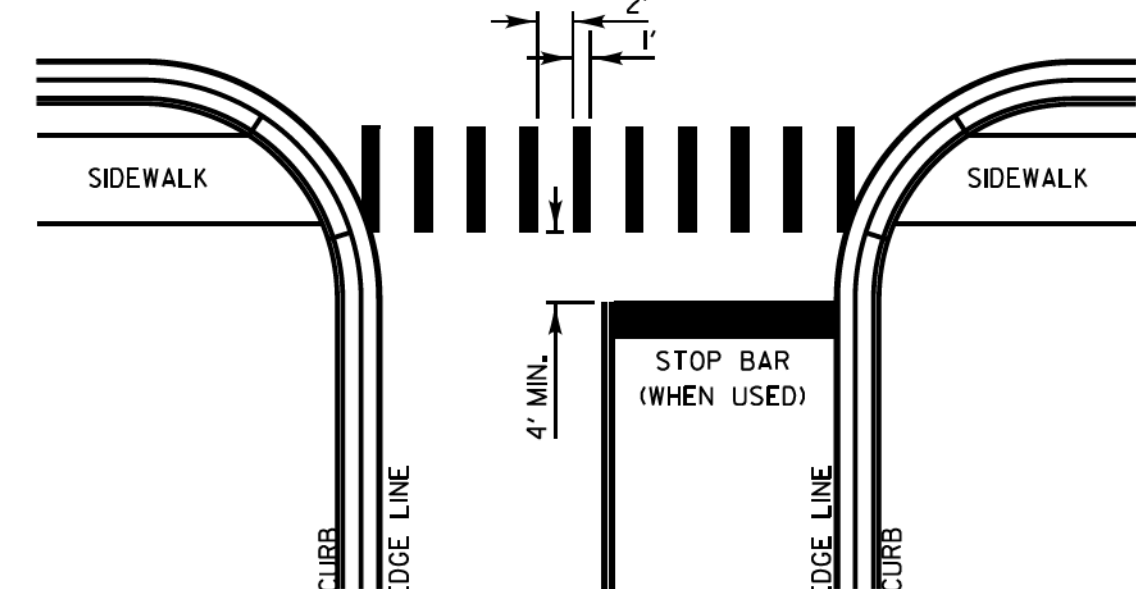
PAVEMENT CROSS SECTION SHOWING TYPICAL PAVEMENT MARKINGS (2-LANE ROADWAY)



RECESSED PAVEMENT MARKER NOTES:

- CENTERLINE RECESSED PAVEMENT MARKERS (RPM's) SHALL BE PLACED ON ALL TWO AND THREE LANE HIGHWAYS WITH CURVES OVER 3 1/2 DEGREES, UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- SPACING = 40' FOR CENTERLINE MARKERS.
- ALL RPM's ON CENTERLINE ARE 2-WAY YELLOW. LANE LINE MARKERS ARE WHITE/RED.
- MARKERS SHALL BE INSTALLED ACCORDING TO F.H.W.A. MEMORANDUM H10-21.
- MARKERS SHALL BE FIELD ADJUSTED TO BE LOCATED IN CENTER OF THE 30' GAP OF A 30'/10' SKIP/DASH CENTERLINE.
- RPM's WHICH ARE TO BE LOCATED WITHIN THE INTERSECTION OF A CROSS STREET, SHALL NOT BE INSTALLED.
- A MINIMUM OF 4 WHITE/RED MARKERS SHALL BE INSTALLED ALONG THE TURN LANE LINE.
- RPM's INSTALLED ON MULTI-LANE ROAD SECTIONS SHALL BE INSTALLED ON THE WHITE SKIP-DASH LANE LINE ONLY. THESE RPM's SHALL BE LOCATED IN CENTER OF THE 30' GAP OF A 30'/10' SKIP/DASH LANE LINE.

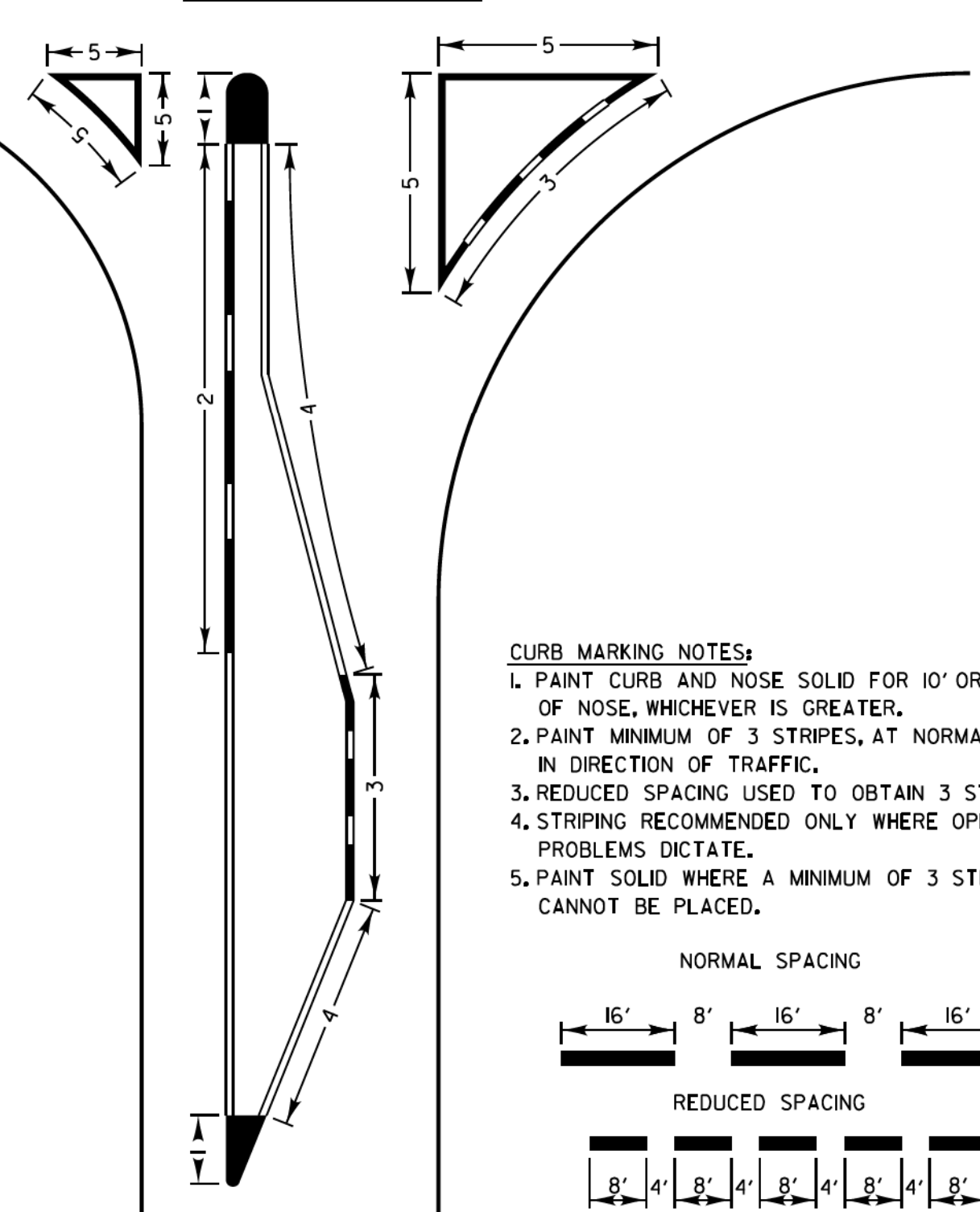
CROSSWALKS



CROSSWALK NOTES:

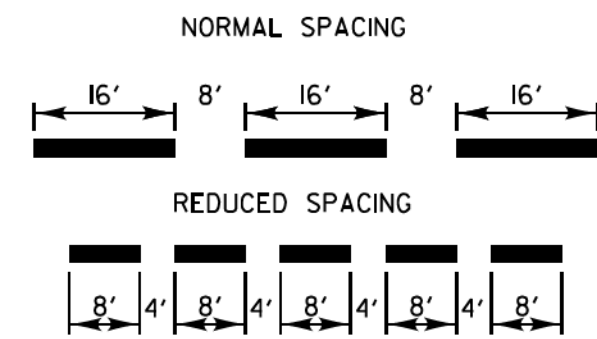
- THE WIDTH OF THE CROSSWALK IS GENERALLY 6' EXCEPT AT SCHOOL CROSSINGS AND MULTUSE PATH CROSSINGS, WHICH CAN BE 8' OR 10' WIDE.
- THE STOP BAR SHALL BE INSTALLED A MINIMUM OF 4' IN ADVANCE OF THE CROSSWALK.

CURB MARKING



CURB MARKING NOTES:

- PAIN CURB AND NOSE SOLID FOR 10' OR RADIUS OF NOSE, WHICHEVER IS GREATER.
- PAIN MINIMUM OF 3 STRIPES, AT NORMAL SPACING, IN DIRECTION OF TRAFFIC.
- REDUCED SPACING USED TO OBTAIN 3 STRIPE MINIMUM.
- STRIPING RECOMMENDED ONLY WHERE OPERATIONAL PROBLEMS DICTATE.
- PAIN SOLID WHERE A MINIMUM OF 3 STRIPES CANNOT BE PLACED.



REVISIONS		DATE	 LakeCounty Division of Transportation	APPROVED BY: A. KHAWAJA DATE: APRIL 1, 2007		LC7800	
SEPARATED RAILROAD SHEET		06/02/08					
REVISED RPM DETAILS		07/1/12					
RAISED TO RECESSED MARKERS		12/2/13					
REMOVE STATION NUMBERS		5/30/14					
THERMO EDGELINES at RETURNS		11/18/16					
ALL PM TO GROOVED THERMO		1/26/17					
REVISED EDGELINES at RETURNS		4/10/17					
REVISED STOP BAR/DBL YELLOW		8/31/17					
			TYPICAL PAVEMENT MARKINGS FOR COUNTY HIGHWAYS SHEET 2 OF 2				
PROJECT NAME			ROUTE	SECTION	SECTION NUMBER	SHEET	SHEETS
Y STANDARDS & DETAILS			CHXX	XXX	XX-XXXXX-XX-XX	XXX	XXX

LakeCounty
Division of Transportation

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CLIENT:
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530 BERNARD DRIVE
BUFFALO GROVE, ILLINOIS
(847) 850-2100

DESIGNED	AJ
DRAWN	AJ
APPROVED	SRK
DATE	10/23/2021
SCALE	

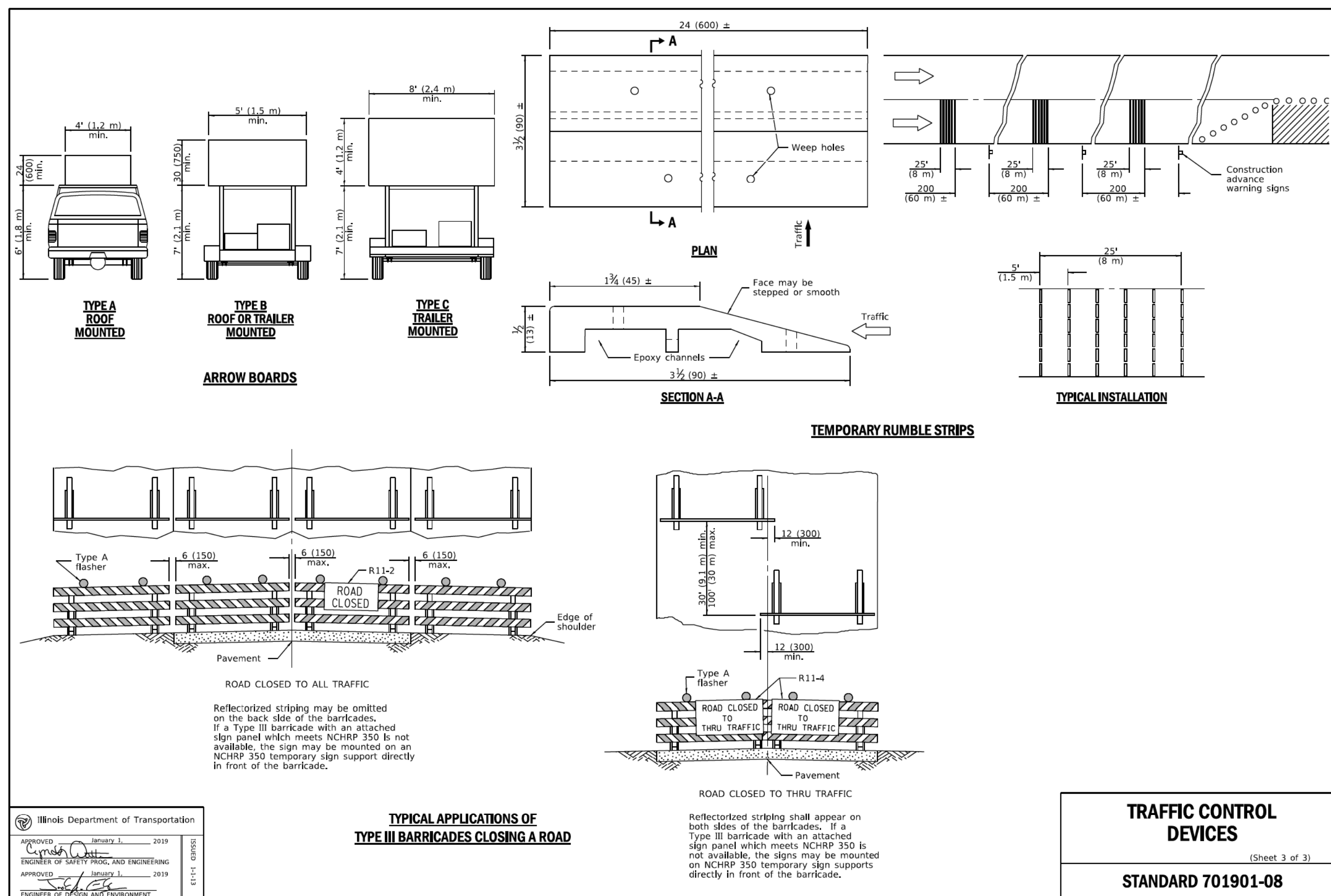
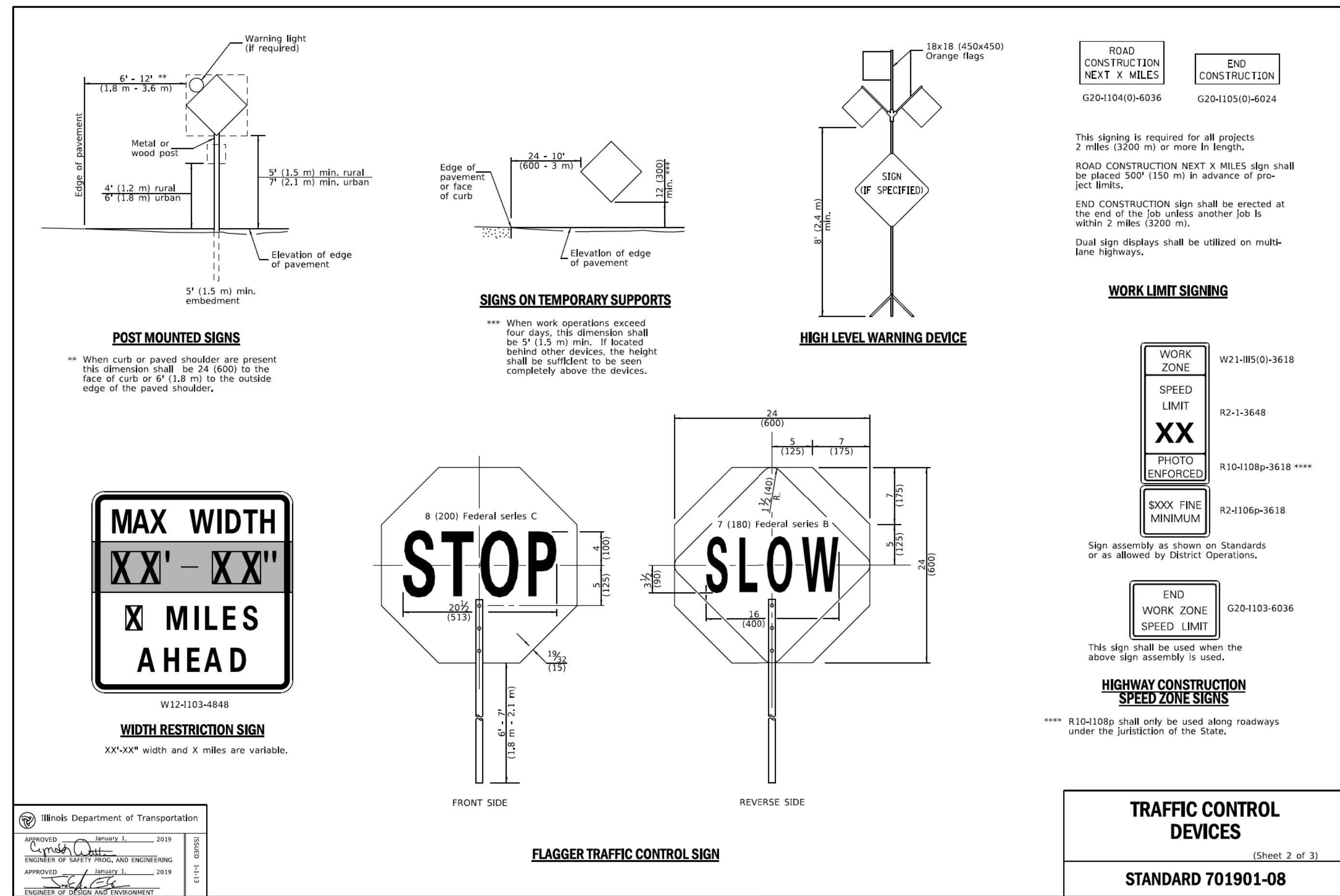
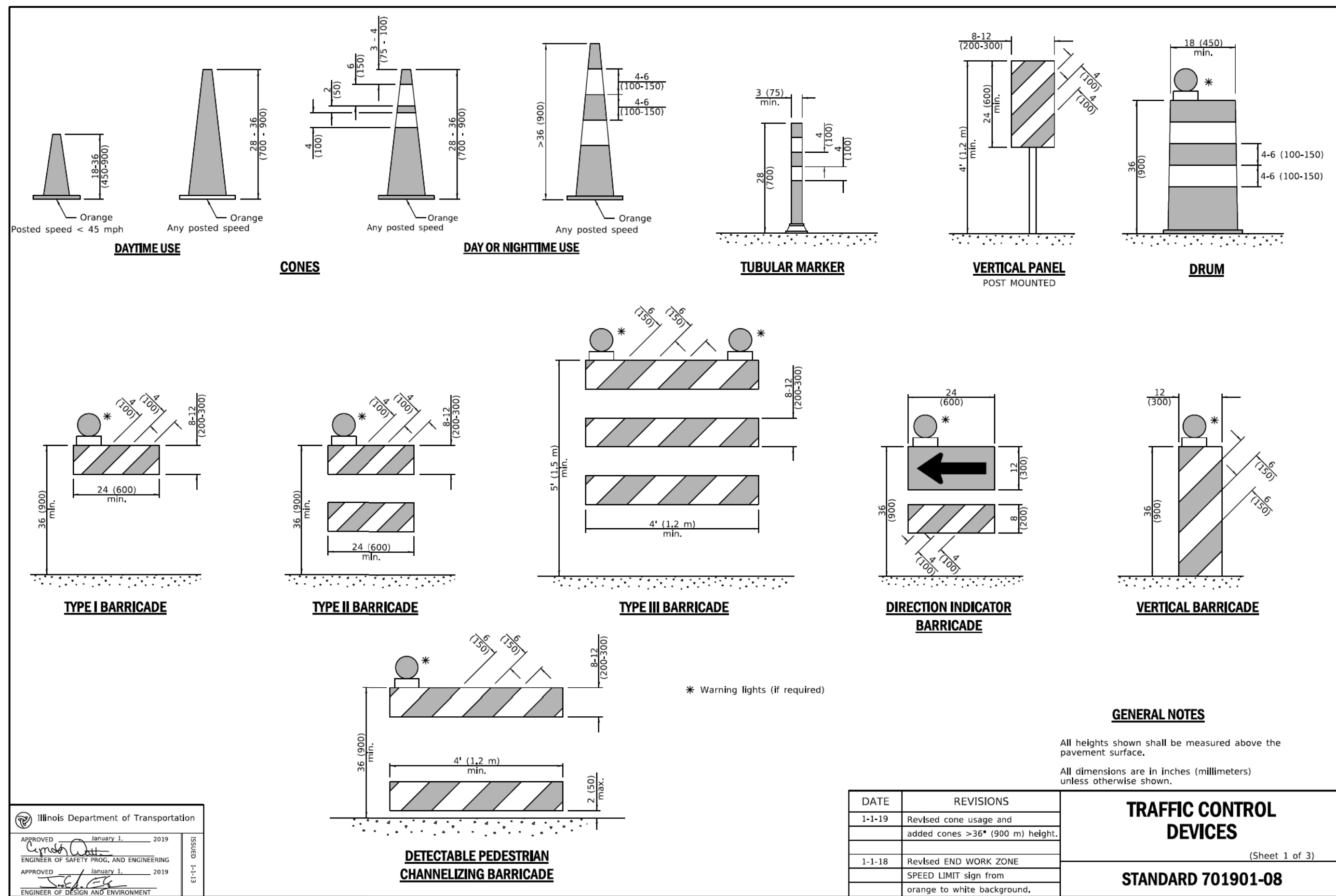
CONSTRUCTION DETAILS
WEILAND ROAD IMPROVEMENTS
BUFFALO GROVE, ILLINOIS

SHEET
10 OF 15
PROJECT NUMBER: 4473A
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			DESIGNED	AJ
			DRAWN	AJ
			APPROVED	SRK
			DATE	10/23/2021
DATE	DESCRIPTION OF REVISION	BY	SCALE	

CONSTRUCTION DETAILS
WEILAND ROAD IMPROVEMENTS
BUFFALO GROVE, ILLINOIS



GENERAL NOTES

A. REFERENCED SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
- STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 - STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION
 - BUFFALO GROVE, ILLINOIS MUNICIPAL CODE
 - BUREAU OF LOCAL ROADS AND STREETS MANUAL, LATEST EDITION, BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION

IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

1. THE VILLAGE OF BUFFALO GROVE MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
2. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF THE UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

1. THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
2. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
3. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY THE MUNICIPALITY OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
4. A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR SEWER DISTRICT AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
5. THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY UNPOLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
6. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY AND/OR SEWER DISTRICT.
7. THE LOCATION OF VARIOUS EXISTING UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
8. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
9. NO FINAL CONNECTION SHALL BE MADE TO THE EXISTING WATER MAIN SYSTEM UNTIL THE WATER MAIN HAS BEEN PRESSURE TESTED AND CHLORINATED.
10. ALL NON-PAVING CONCRETE USED ON THE PROJECT SHALL BE IDOT CLASS S1.
11. MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY AND OWNER.
12. THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
13. ALL EXISTING FIELD DRAINAGE TILE ENCOUNTERED OR DAMAGED DURING CONSTRUCTION WHICH DRAIN OFFSITE PROPERTY SHALL BE CONNECTED TO THE STORM SEWER SYSTEM. ALL EXISTING FIELD DRAINAGE TILE ENCOUNTERED OR DAMAGED DURING CONSTRUCTION THAT SERVES ON-SITE PROPERTY CAN BE CAPPED AND/OR REMOVED FROM THE SITE.
14. ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
15. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.
16. TRAFFIC CONTROL SIGNS SHALL BE INSTALLED DURING CONSTRUCTION IN ACCORDANCE WITH THE IDOT SS AND IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE SAFE AND ORDERLY PASSAGE OF TRAFFIC AND PEDESTRIANS SHALL BE MAINTAINED AT ALL TIMES.

D. EXCAVATION AND SITE GRADING

1. EXCAVATION AND EMBANKMENT REQUIRED FOR SITE GRADING SHALL BE CONSTRUCTED IN ACCORDANCE WITH SOILS REPORTS PREPARED FOR THIS SITE. COPIES OF THE SOILS REPORTS ARE AVAILABLE FROM THE OWNER.
2. PAVEMENT SUBGRADES SHALL BE CONSTRUCTED OF SUITABLE FILL MATERIAL, AS DETERMINED BY THE SOILS ENGINEER, AND COMPACTED TO A MINIMUM BEARING CAPACITY OF 3,000 PSF IN BUILDING PAD AREAS AND 95% MODIFIED PROCTOR DENSITY WITHIN (PUBLIC, PARKING LOT) PAVEMENT AREAS OR PUBLIC RIGHT-OF-WAYS.)

3. ALL CLAY EMBANKMENT NECESSARY FOR STORMWATER MANAGEMENT AREAS AS NOTED ON THE CROSS SECTION SHALL CONSIST OF COHESIVE SOIL TYPES WITH LESS THAN 25% SAND AND GRAVEL. MATERIAL SHALL HAVE A COEFFICIENT OF PERMEABILITY OF LESS THAN 10 X-7 CM/SEC. MAXIMUM PARTICLE SIZE SHALL BE 4-INCHES. THESE MATERIALS WILL BE PRACTICALLY IMPERVIOUS. MATERIAL SHALL BE TESTED FOR CLASSIFICATION, COMPACTION CHARACTERISTICS, PERMEABILITY CHARACTERISTICS AND UNCONFINED COMPRESSIVE STRENGTH, IN ORDER TO ENSURE THAT THEY MEET THE ABOVE REQUIREMENTS.
- THE MATERIAL SHALL BE CL TYPE (USING THE USC CLASSIFICATION SYSTEM, ASTM D2487) AND FREE FROM GRAVEL, ROOTS, ORGANIC MATTER, AND ANY OTHER OBJECTIONABLE MATERIALS.
- THE EMBANKMENT SHALL BE PLACED IN ESSENTIALLY HORIZONTAL LIFTS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS. EACH LIFT SHOULD BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED IN THE LABORATORY BY THE MODIFIED PROCTOR COMPACTION TEST (ASTM D1557). EACH LIFT TO BE COMPACTED TO SPECIFIED DENSITY PRIOR TO THE PLACEMENT OF ADDITIONAL FILL. MOISTURE CONTROL IS IMPORTANT IN THE COMPACTION OF COHESIVE SOIL TYPES, AND THE WATER CONTENT OF THE EMBANKMENT FILL SHALL BE WITHIN 4 PERCENTAGE POINTS OF OPTIMUM MOISTURE AS ESTABLISHED BY THE LABORATORY COMPACTION CURVE.
4. COMPACTION TESTING SHALL MEET THE REQUIREMENTS OF THE MUNICIPALITY AND THE OWNER.
5. NO EQUIPMENT, MATERIAL OR WORK IS TO BE PERFORMED OUTSIDE THE LIMITS OF CONSTRUCTION.
6. THE CONTRACTOR IS REQUIRED TO MEET ALL SOIL EROSION CONTROL AND SEDIMENTATION REQUIREMENTS AS SET FORTH IN THE IEPA STANDARDS, MUNICIPAL ORDINANCES, COUNTY ORDINANCES, AND THE ENGINEERING PLANS.
7. ALL PAVEMENT SUBGRADES SHALL BE PROOF-ROLLED WITH A FULLY LOADED TEN WHEEL TRUCK. ANY SOFT YIELDING AREAS SHALL BE REMOVED AND REPLACED WITH COMPACTED CA-6 CRUSHED STONE.
8. ALL UNSUITABLE MATERIAL, AS DETERMINED BY THE SOILS ENGINEER, SHALL BE REMOVED AND (A.) DISC-DRIED AND RECOMPACTED, OR (B.) LIME OR CEMENT DRIED AND RECOMPACTED, OR (C.) REPLACED WITH CRUSHED STONE. IDOT CA-6 GRADATION. ALL OPTIONS MEETING COMPACTION REQUIREMENTS AS SPECIFIED EARLIER IN THESE SPECIFICATIONS.
9. ALL REMOVAL OR EXCAVATION ITEMS BEING DISPOSED OF AT AN UNCONTAMINATED SOIL FILL OPERATION OR CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) FILL SITE SHALL MEET THE REQUIREMENTS OF PUBLIC ACT 96-1416. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN THE UNIT PRICE COST FOR THE ASSOCIATED REMOVAL OR EXCAVATION ITEMS IN THE CONTRACT. THESE COSTS SHALL INCLUDE BUT ARE NOT LIMITED TO ALL REQUIRED TESTING, LAB ANALYSIS, CERTIFICATION BY A LICENSED PROFESSIONAL ENGINEER, AND STATE AND LOCAL TIPPING FEES.

E. PAVEMENT CONSTRUCTION

1. HOT-MIX ASPHALT PAVEMENT SHALL HAVE A MINIMUM TOTAL COMPACTED THICKNESS AS SHOWN ON THE DRAWINGS AND SHALL BE COMPACTED TO 93% OF THE MAXIMUM UNIT WEIGHT AS DETERMINED BY ASTM D-2041.
2. THE PAVEMENT SUBGRADE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 301 (SUBGRADE PREPARATION) OF THE IDOT SS. SUBGRADE SHALL BE COMPACTED TO A MINIMUM IFR OF 3.0.
3. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 351 (AGGREGATE BASE COURSE) OF THE IDOT SS.
4. NO AGGREGATE BASE COURSE SHALL BE INSTALLED UNTIL THE SUBGRADE HAS BEEN APPROVED BY THE OWNER.
5. HOT-MIX ASPHALT PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 406 (HOT-MIX ASPHALT BINDER AND SURFACE COURSE).
6. NO HOT-MIX ASPHALT BINDER SHALL BE INSTALLED UNTIL THE AGGREGATE BASE COURSE HAS BEEN APPROVED BY THE OWNER. AGGREGATE BASE COURSE PRIME COAT (WC-30) SHALL BE APPLIED AT A RATE OF 0.25 TO 0.5 GALLONS PER SQUARE YARD, THE EXACT RATE TO BE SPECIFIED BY THE ENGINEER.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY SIGNS, BARRICADES, FENCES, ETC. TO KEEP THE CONSTRUCTION SITE IN COMPLIANCE WITH STATE AND FEDERAL LAWS. THE MUNICIPALITY MAY REQUIRE ADDITIONAL SIGNAGE OR BARRICADES. THE CONTRACTOR SHALL COMPLY WITH ALL SUCH MUNICIPAL REQUIREMENTS.
8. ALL EXISTING PAVEMENT, SIDEWALK, OR CURB AND GUTTER TO BE REMOVED SHALL BE SAWCUT ALONG THE LIMITS OF THE PROPOSED REMOVAL BEFORE REMOVAL OPERATIONS BEGIN.
9. PRIOR TO PLACEMENT OF BASE COURSE, THE SUBGRADE SHALL BE PROOF-ROLLED WITH A FULLY LOADED TEN WHEEL TRUCK AND ANY SOFT YIELDING AREAS SHALL BE REMOVED AND REPLACED WITH COMPACTED CA-6 CRUSHED STONE.
10. CURB AND GUTTER REMOVAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 440 (REMOVAL OF EXISTING PAVEMENT AND APPURTENANCES) OF THE IDOT SS.
11. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC
12. P.C.C. ROADWAY PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 420 (PORTLAND CEMENT CONCRETE PAVEMENT) OF THE IDOT SS. P.C.C. PAVEMENT FOR TRUCK DOCKS OR OTHER MISCELLANEOUS AREAS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 423 (PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT) OF THE IDOT SS. PCC PAVEMENT SHALL BE CLASS PV, UNLESS OTHERWISE NOTED. CONCRETE SHALL BE FINISHED AS DIRECTED BY THE OWNER OR ARCHITECT. JOINTS IN CONCRETE PAVEMENT SHALL BE PROVIDED AS FOLLOWS:
- JOINTS WITHIN SINGLE LANE PAVEMENT (APPROXIMATELY 12-FEET WIDE) SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 420.
 - CONTRACTION JOINTS IN TRUCK DOCK PAVEMENT OR SIMILAR CONSTRUCTION SHALL BE DIVIDED BY GROOVES CONSTRUCTED AT 10 FOOT MAXIMUM INTERVALS, BOTH TRANSVERSELY AND LONGITUDINALLY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THESE GROOVES SHALL EXTEND TO 1/4 THE DEPTH OF THE PAVEMENT, SHALL NOT BE LESS THAN 1/8 INCH NOR MORE THAN 1/4 INCH IN WIDTH AND SHALL BE EDGED WITH AN EDGING TOOL HAVING A 1/4 INCH RADIUS. THE EDGES OF THE SLABS SHALL BE EDGED AS DESCRIBED ABOVE.
 - EXPANSION JOINTS SHALL BE PROVIDED WHERE THE PROPOSED PAVEMENT OCCUPIES THE ENTIRE SPACE BETWEEN THE CONCRETE CURB OR COMBINATION CURB AND GUTTER AND AN ADJACENT BUILDING, PERMANENT STRUCTURE, EXISTING DRIVEWAY OR OTHER SIMILAR OBSTRUCTION; A ONE (1) INCHED PREFORMED EXPANSION JOINT FILLER SHALL BE PLACED BETWEEN THE DRIVEWAY PAVEMENT AND THE OBSTRUCTION. THE EXPANSION JOINT FILLER SHALL EXTEND THE ENTIRE DEPTH OF THE PAVEMENT.
13. ADA ACCESSIBLE CURB RAMPS SHALL BE PROVIDED AT ALL LOCATIONS WHERE THE SIDEWALK ADJOINS THE CURB AND GUTTER. ALL ADA RAMPS SHALL PROVIDE DETECTABLE WARNINGS PER THE DETAIL NOTED WITHIN THIS PLAN SET. THE INSTALLATION OF THESE DETECTABLE WARNINGS SHALL CONFORM TO SECTION 424 OF THE IDOT SS AND THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES.
14. ALL CONCRETE FOR SIDEWALK AND CURB AND GUTTER IS TO BE CLASS S1, 6-1 BAG MIX WITH NO FLY ASH.

15. COMBINATION CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 606 (CONCRETE GUTTER, CURB, MEDIAN, AND PAVED DITCH) OF THE IDOT SS.
- EXPANSION JOINTS SHALL BE PLACED AT THE END OF RADII AND AT INTERVALS OF NO MORE THAN 40-FEET IN STRAIGHT LINE PORTIONS OF WORK. EXPANSION JOINTS SHALL BE PROVIDED WHERE THE CURB AND GUTTER ABUTS AN EXISTING OR PROPOSED SIDEWALK, BUILDING, PERMANENT STRUCTURE OR EXISTING OR PROPOSED CONCRETE DRIVEWAY. EXPANSION JOINTS ARE REQUIRED 5-FEET ON EACH SIDE OF ANY STORM SEWER STRUCTURE IN THE CURB LINE. EXPANSION JOINTS SHALL CONSIST OF 1-INCH PREFORMED EXPANSION JOINT FILLER MATERIAL.
 - EXPANSION JOINTS SHALL INCLUDE 12-INCH LONG #4 DOWEL BARS WITH CAP.
 - CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF NO MORE THAN 10-FEET. CONTRACTION JOINTS SHALL BE SAWED TO A DEPTH EQUAL TO 1/3 THE THICKNESS OF THE GUTTER FLAG AND TO A WIDTH OF NOT LESS THAN 1/8 INCH.
 - A MINIMUM 4-INCH COMPACTED AGGREGATE BASE SHALL BE PROVIDED UNDER THE CURB AND GUTTER AND SHALL EXTEND 1-FOOT BEHIND BACK OF CURB. REFER TO SECTION 606 FOR ADDITIONAL JOINTING REQUIREMENTS.
16. SIDEWALK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 424 (PORTLAND CEMENT CONCRETE SIDEWALK) OF THE IDOT SS.
- THE SURFACE SHALL BE DIVIDED BY GROOVES CONSTRUCTED AT RIGHT ANGLES TO THE CENTERLINE OF THE SIDEWALK OR AS SHOWN ON THE ENGINEERING PLANS. GROOVES SHALL EXTEND TO 1/4 THE DEPTH OF THE SIDEWALK, SHALL BE NOT LESS THAN 1/8 IN. NOR MORE THAN 1/4 IN. IN WIDTH, AND SHALL BE LONGER THAN 6 FT. NOR LESS THAN 4 FT. ON ANY SIDE, UNLESS OTHERWISE NOTED.
 - EXPANSION JOINTS SHALL BE 1/2 IN. THICK AND CONSIST OF PREFORMED JOINT FILLER. THE TOP OF THE JOINT FILLER SHALL BE 1/4 IN. BELOW THE SURFACE OF THE SIDEWALK.
 - EXPANSION JOINTS SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRUCTURES SUCH AS LIGHT POLES, TRAFFIC SIGNAL POLES, TRAFFIC POLES AND SUBWAY COLUMNS, WHICH EXTEND THROUGH THE SIDEWALK. EXPANSION JOINTS SHALL BE PLACED AT MAXIMUM INTERVALS OF 50 FT. IN THE SIDEWALK. WHERE THE SIDEWALK IS CONSTRUCTED ADJACENT TO PAVEMENT OR CURB HAVING EXPANSION JOINTS, THE EXPANSION JOINTS IN THE SIDEWALK SHALL BE PLACED IN LINE WITH THE EXPANSION JOINTS AS NEARLY AS PRACTICABLE. EXPANSION JOINTS SHALL BE PLACED WHERE THE SIDEWALK ABUTS EXISTING SIDEWALKS, BETWEEN DRIVEWAY PAVEMENT AND SIDEWALK, AND BETWEEN SIDEWALK ACCESSIBILITY RAMPS AND CURBS WHERE THE RAMP ABUTS A CURB.
17. HOT-MIX ASPHALT BASE COURSE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 355 (HOT-MIX ASPHALT BASE COURSE) OF THE IDOT SS.
18. HOT-MIX ASPHALT SPECIFICATIONS SHALL BE AS FOLLOWS:

ITEM	AIR VOIDS
HMA SURFACE COURSE, MIX "D", IL-9.5MM, N50, 1.5" MIN.	4% AT 50 GYR.
HMA BINDER COURSE, IL-19.0, N50; 2.25" MIN	4% AT 50 GYR.
LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" MIN	3.5% AT 50 GYR.
CLASS D PATCHES (HMA BINDER IL-19mm)	4% AT 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR ALL NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS. APPLICABLE DISTRICT ONE SPECIAL PROVISIONS MAY INCLUDE, "RECLAIMED ASPHALT PAVEMENT AND SHINGLES", "HMA MIXTURE IL-4.75" AND "STONE MATRIX ASPHALT (SMA)".

19. ALL CURBS CONSTRUCTED OVER A UTILITY TRENCH SHALL BE REINFORCED WITH TWO EQUALLY SPACED #4 REBARS CENTERED IN THE FLAG FOR A LENGTH OF 10 FEET ON EITHER SIDE OF THE TRENCH. SIDEWALKS SHALL BE TREATED IN THE SAME MANNER USING THREE EQUALLY SPACED #4 REBARS CENTERED IN THE SIDEWALK FOR A LENGTH OF 10 FEET ON EITHER SIDE OF THE TRENCH.

F. STORM SEWER

1. ALL STORM SEWERS, SERVICES AND APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LOCAL MUNICIPAL REQUIREMENTS, THE IDOT SS AND THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION.
2. STORM SEWERS SHALL BE:
- REINFORCED CONCRETE PIPE, ASTM C-76, MINIMUM CLASS III WITH MASTIC JOINTS OR O-RING JOINTS IN ACCORDANCE TO ASTM C-443.
 - POLYVINYL CHLORIDE PIPE (PVC) PIPE, SDR 26, PER ASTM D-3034 WITH ELASTOMERIC JOINTS IN ACCORDANCE WITH ASTM D-3212;
 - HIGH DENSITY POLYETHYLENE (HDPE) PIPE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M252 FOR THREE (3) INCHES TO TEN (10) INCHES AND AASHTO M294 FOR TWELVE (12) INCHES TO SIXTY (60) INCHES.
3. GRANULAR PIPE BEDDING MATERIAL SHALL BE IDOT CA-6, CA-10 OR FA-10 AND SHALL BE INSTALLED PER ASTM D2321. GRANULAR BEDDING SHALL BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
4. SELECTED GRANULAR BACKFILL, IDOT CA-6, CA-10 OR FA-10 SHALL BE USED WHERE THE TOP OF TRENCH LIES UNDER OR WITHIN 24-INCHES OF ALL PAVEMENTS, CURB AND GUTTERS, DRIVEWAYS OR SIDEWALKS.

G. LANDSCAPING

1. ALL DISTURBED AREAS SHALL BE RESTORED WITH SODDING, SALT TOLERANT TOPSOIL PLACEMENT 4".
2. EROSION CONTROL BLANKET SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 251 (MULCH) OF THE IDOT SS. EROSION CONTROL BLANKET SHALL BE EXCELSIOR DS-150 OR SC-150 DEPENDING ON THE INTENDED USE.

CLIENT:

BUFFALO GROVE PARK DISTRICT

530 BERNARD DRIVE
BUFFALO GROVE, ILLINOIS
(847) 850-2100

						DESIGNED	AJ
						DRAWN	AJ
						APPROVED	SRK
						DATE	10/23/2021
						SCALE	
DATE	DESCRIPTION OF REVISION						BY

SPECIFICATIONS
WEILAND ROAD IMPROVEMENTS
BUFFALO GROVE, ILLINOIS

SHEET

13 OF **15**

PROJECT NUMBER: 4473A
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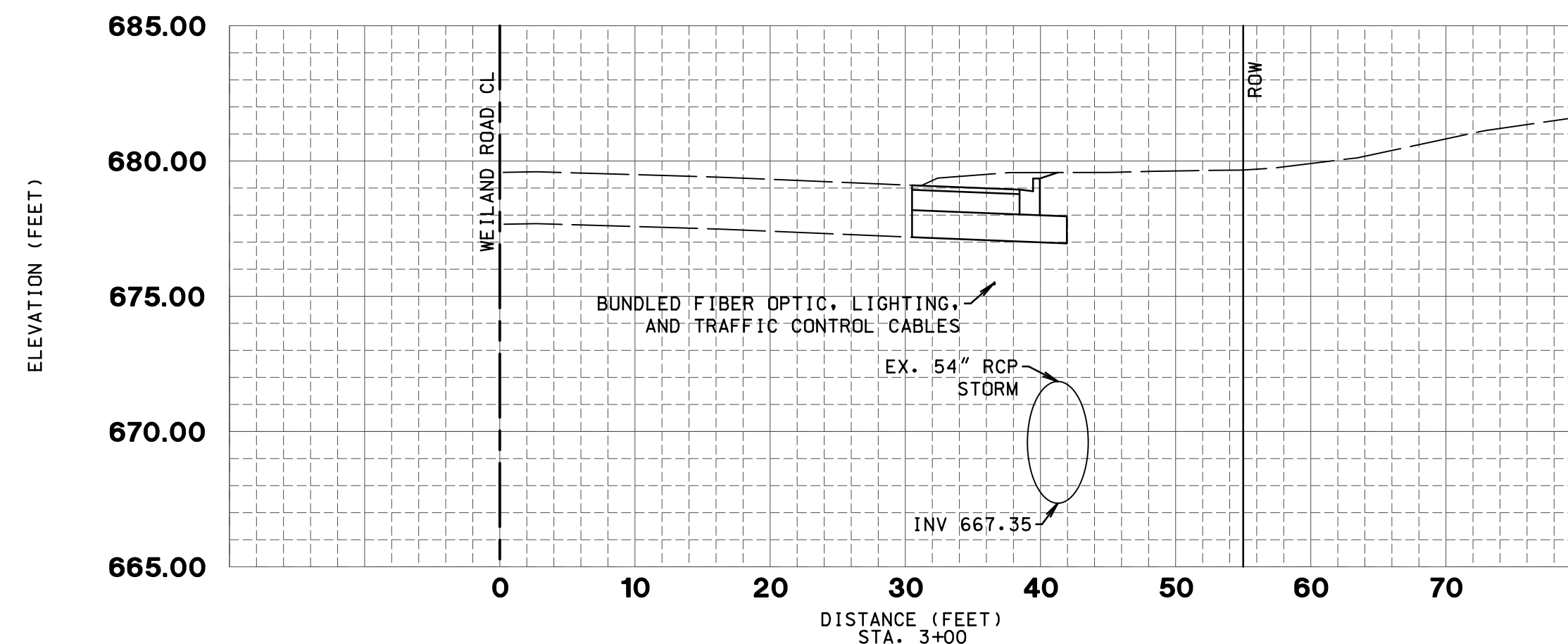
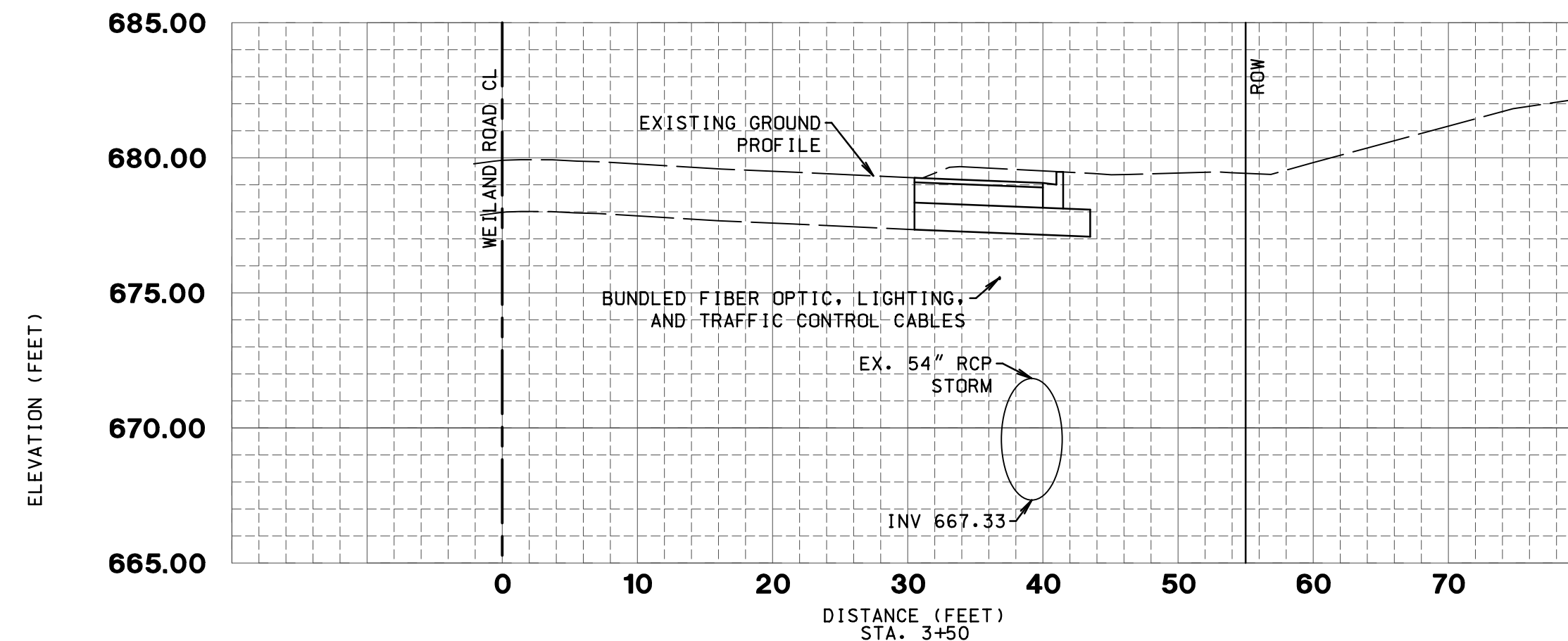
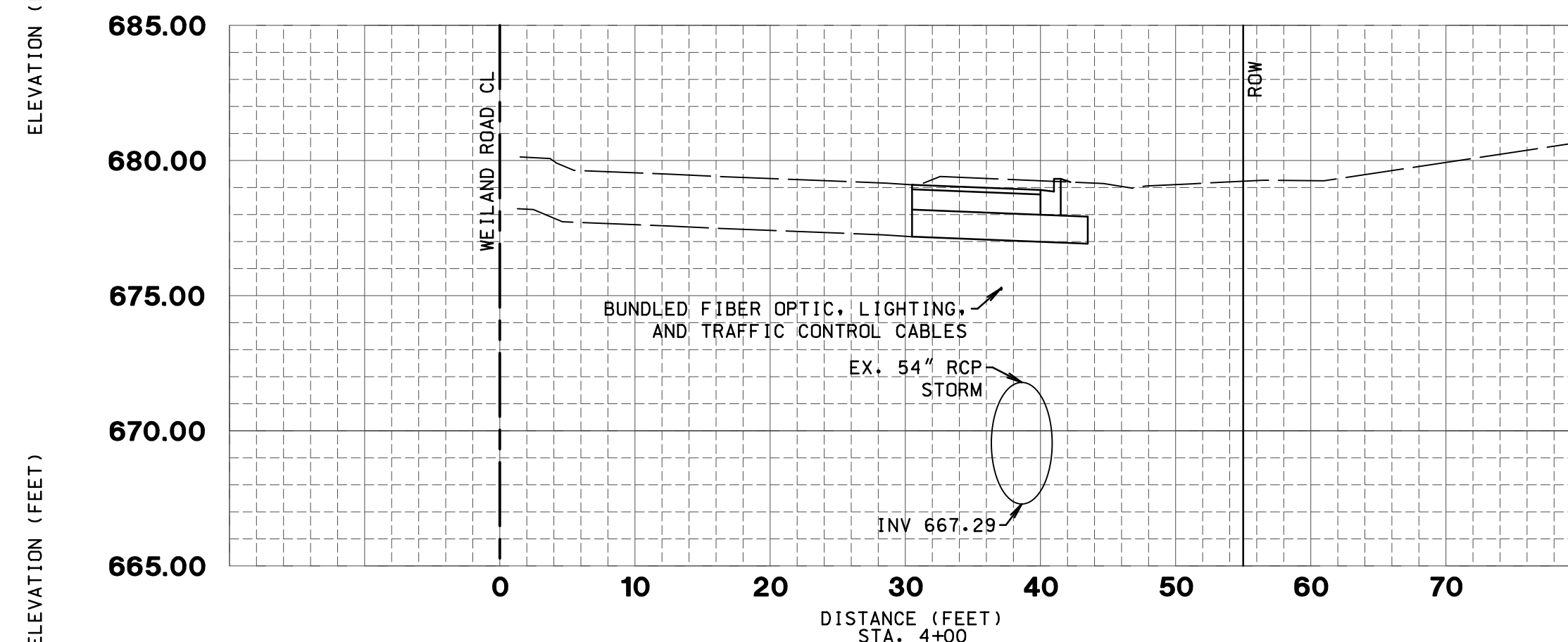
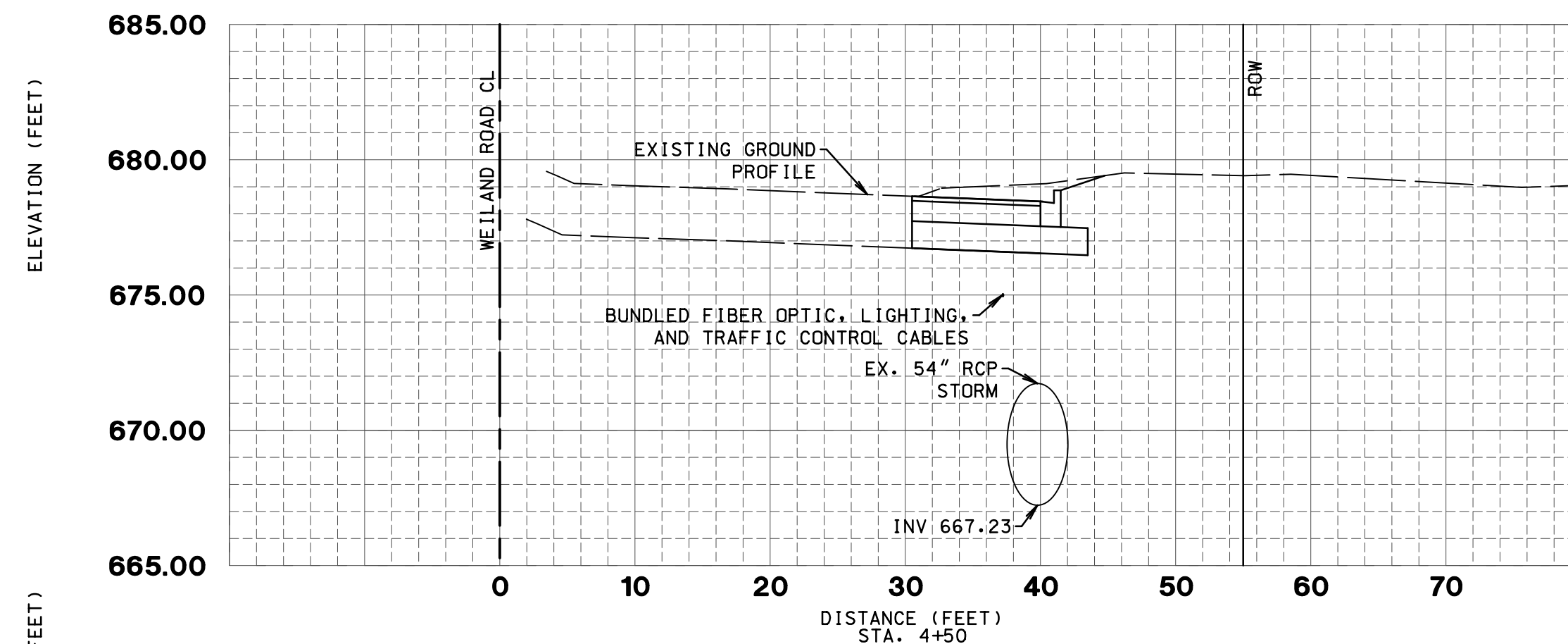
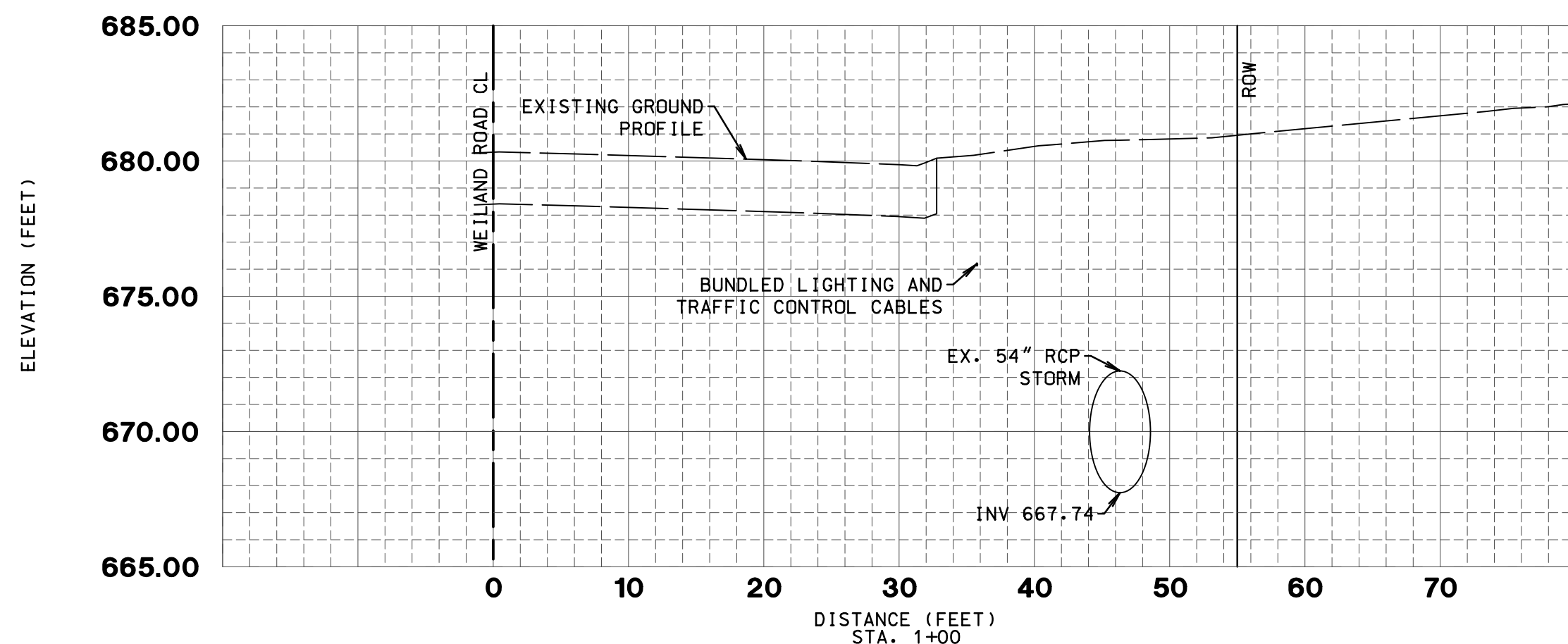
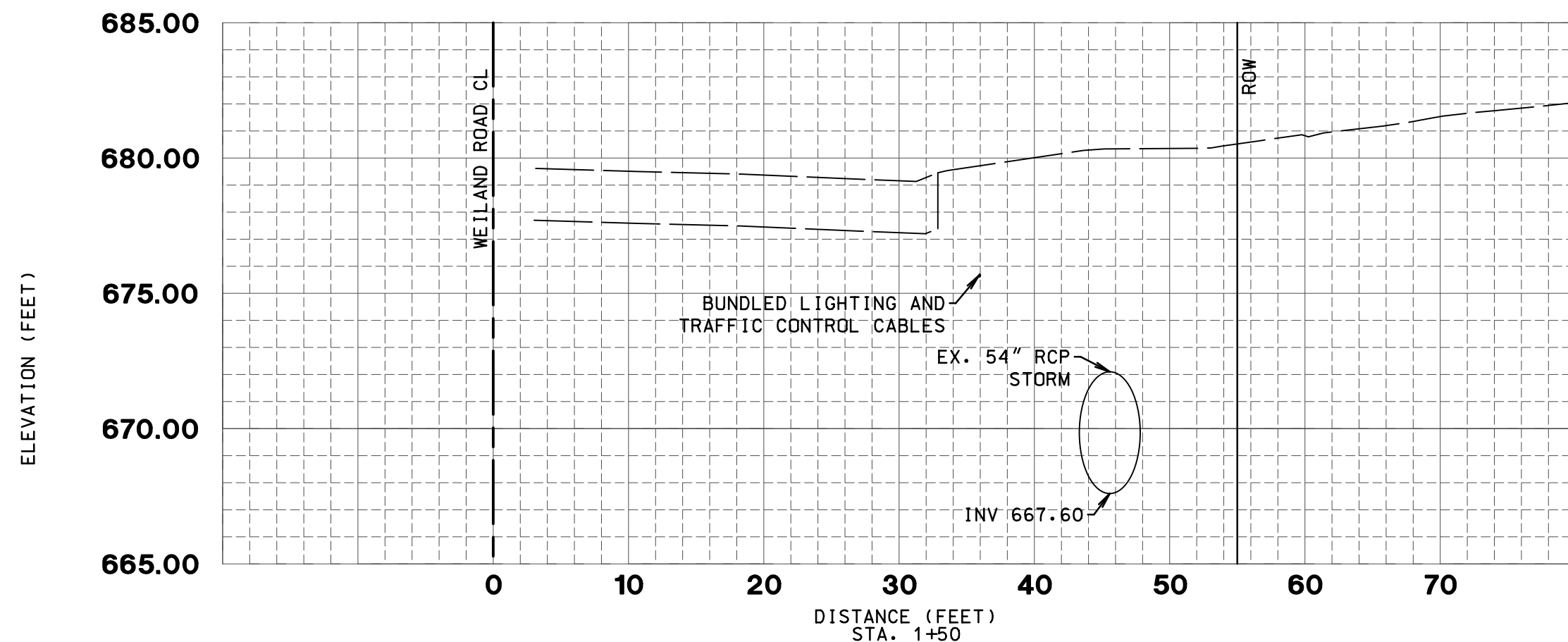
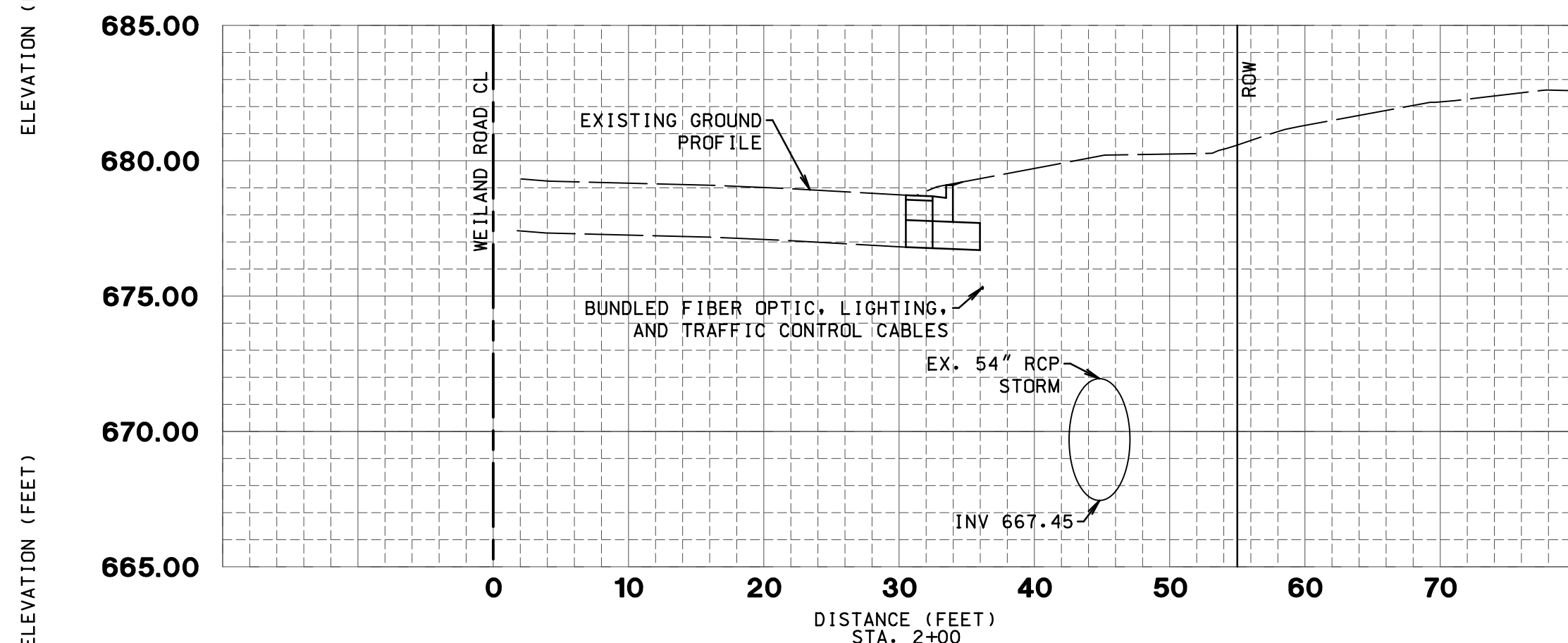
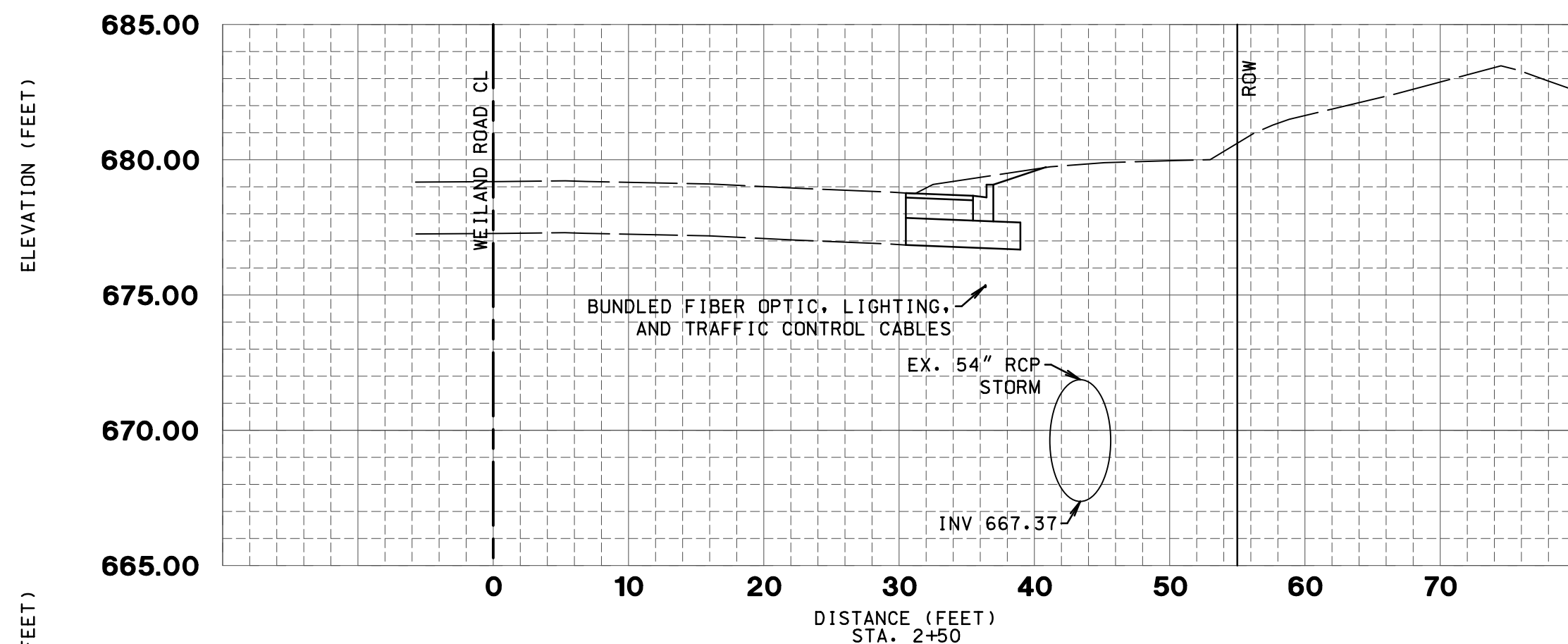
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CROSS SECTIONS STA. 1+00 - STA. 4+50
WEILAND ROAD IMPROVEMENTS
BUFFALO GROVE, ILLINOIS

SHEET

14 OF **15**

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CLIENT:

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530 BERNARD DRIVE
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(847) 850-2100

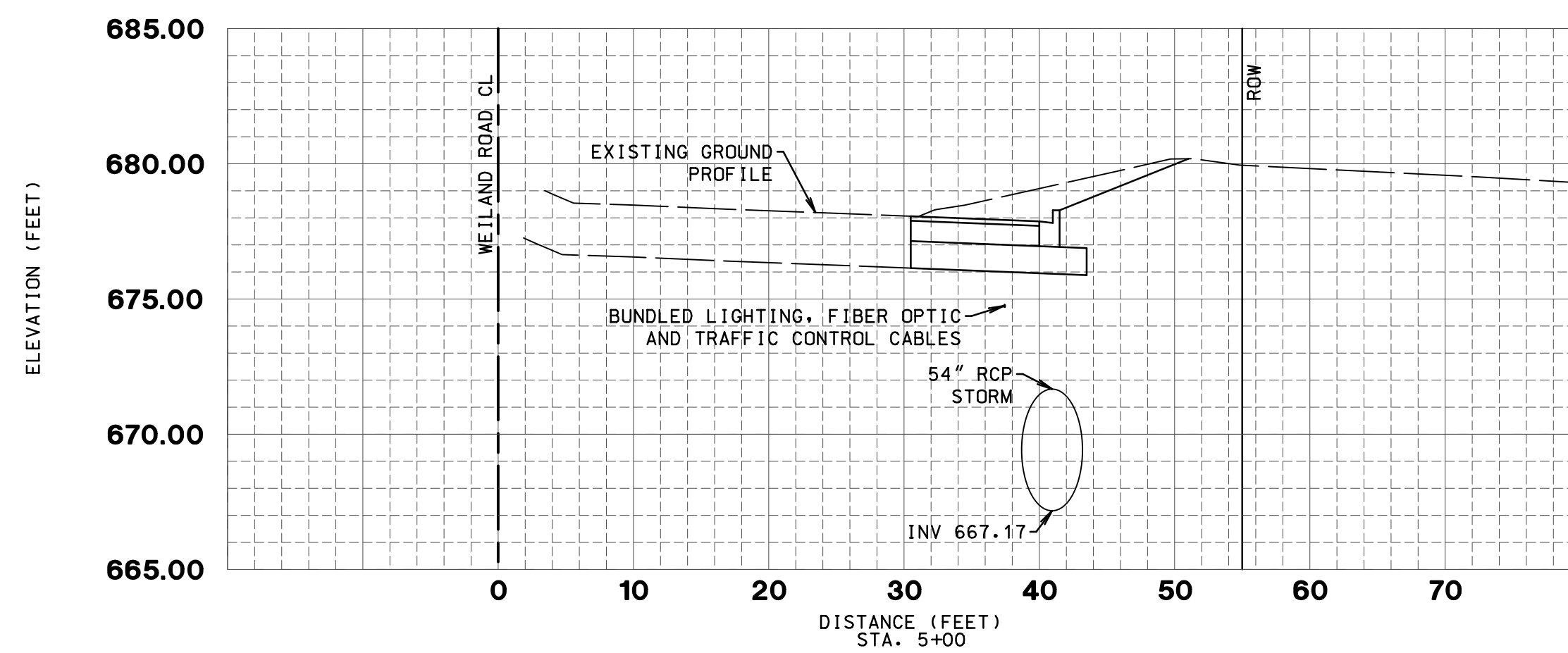
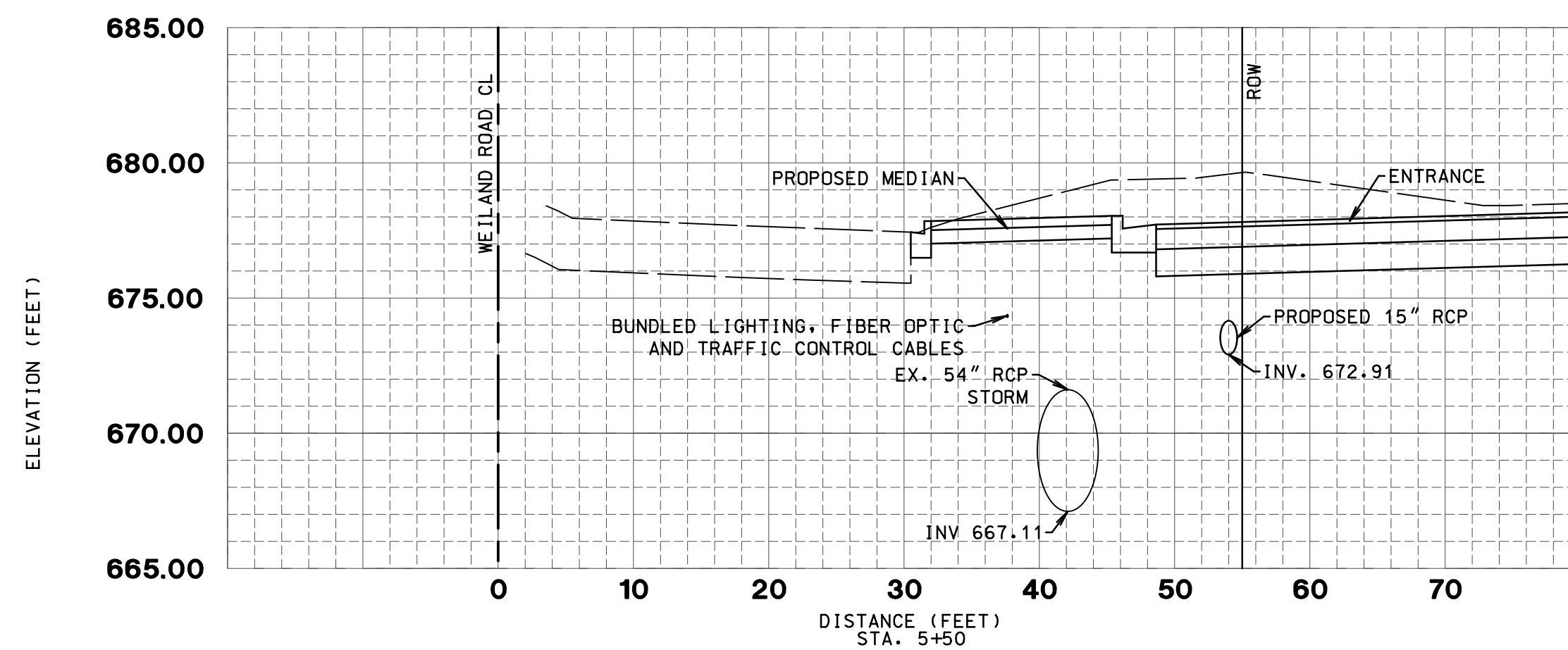
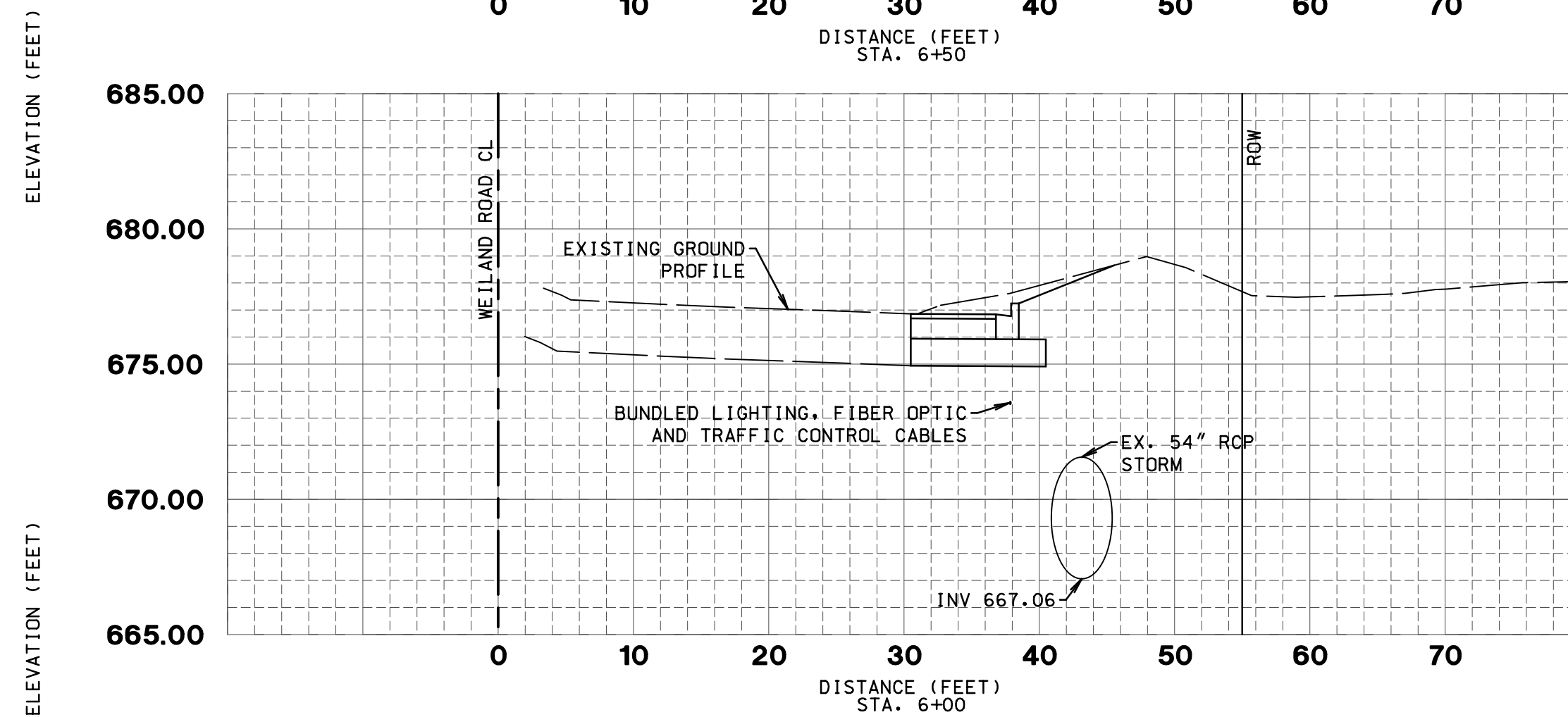
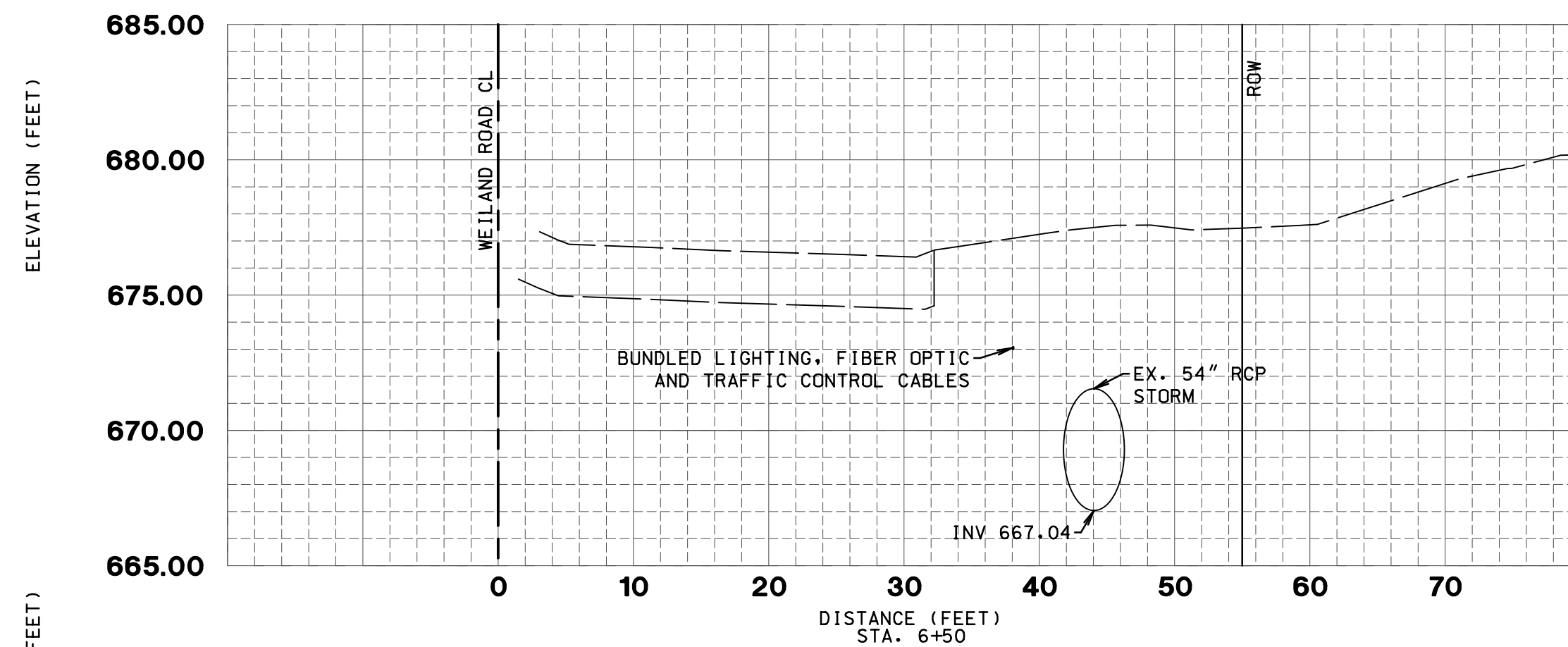
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CROSS SECTIONS STA. 5+00 - STA. 6+50
WEILAND ROAD IMPROVEMENTS
BUFFALO GROVE, ILLINOIS

SHEET

15 OF **15**

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851 Weiland Road, Buffalo Grove, Illinois 60089



530 Bernard Drive
Buffalo Grove, IL 60089

Partially Funded by Illinois Department of Natural Resources
OSLAD Grant No. OS 22-2215



SCALE: not to scale



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530 Bernard Drive
Buffalo Grove, Illinois 60089
Phone: 847-850-2100

PROJECT

Parkchester Park OS/AD Grant Development

851 Weiland Road
Buffalo Grove
Illinois 60089

This project has been prepared by and reviewed by Licensed Landscape Architects.
Michelle A. Kelly # 157.001002
Heath A. Wright # 157.000994
Maria Blood # 157.001511
SF/Designer Initials

ORIGINAL ISSUE DATE

Issue for Permit 28DEC2023

REVISIONS

NOT FOR CONSTRUCTION

PROJECT NUMBER 1183

PROJECT NAME

Parkchester Park

SHEET TITLE

Title Sheet

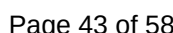
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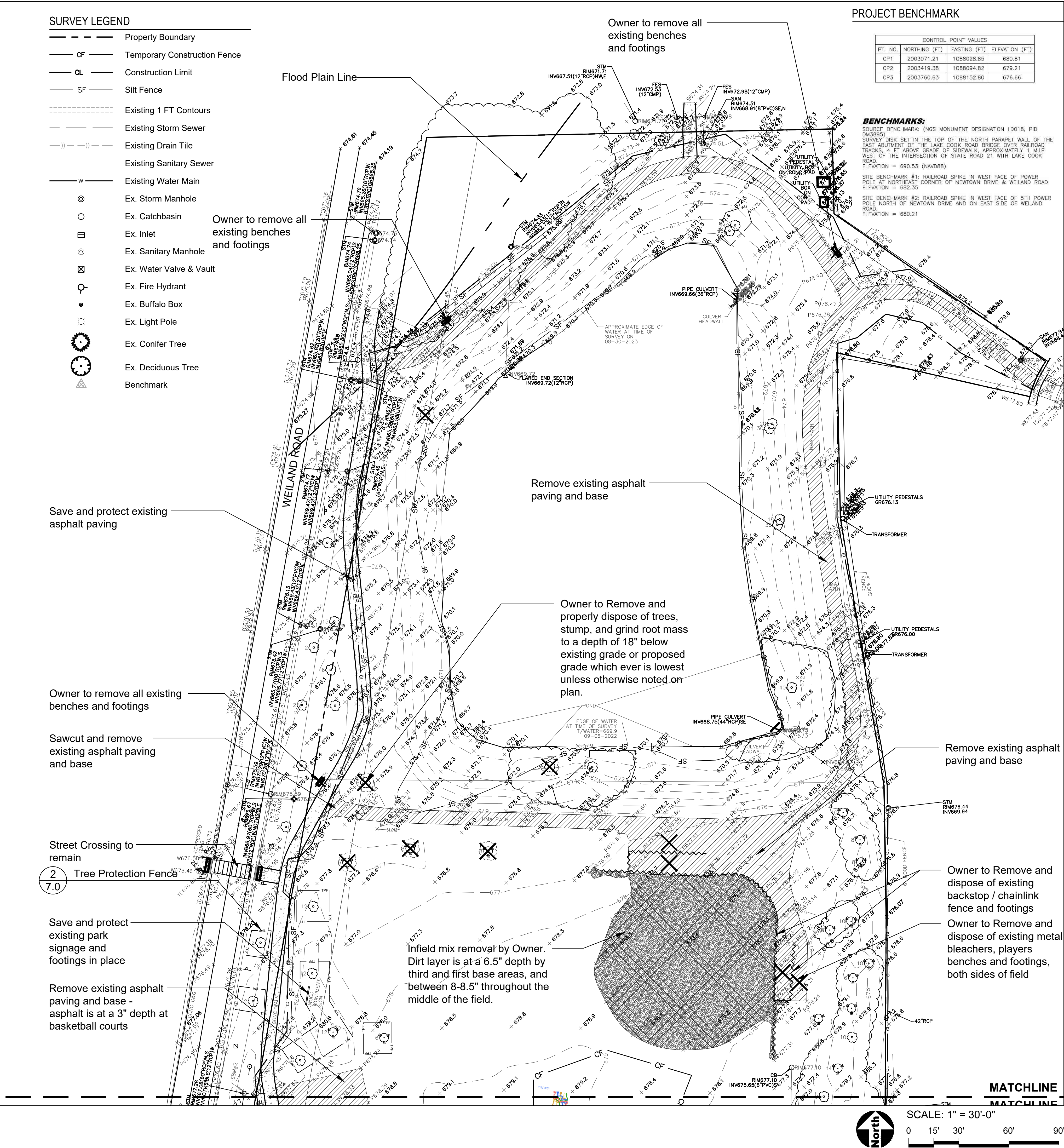
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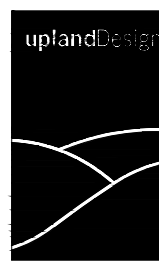
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Buffalo Grove, IL 60089
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PROJECT

Parkchester Park OSLAD Grant Development

851 Weiland Road
Buffalo Grove
Illinois 60089

PROJECT TEAM



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ORIGINAL ISSUE DATE

Issued for Permit 28DEC2023

REVISIONS

MB/SF	ISSUED FOR PERMIT	28DEC2023

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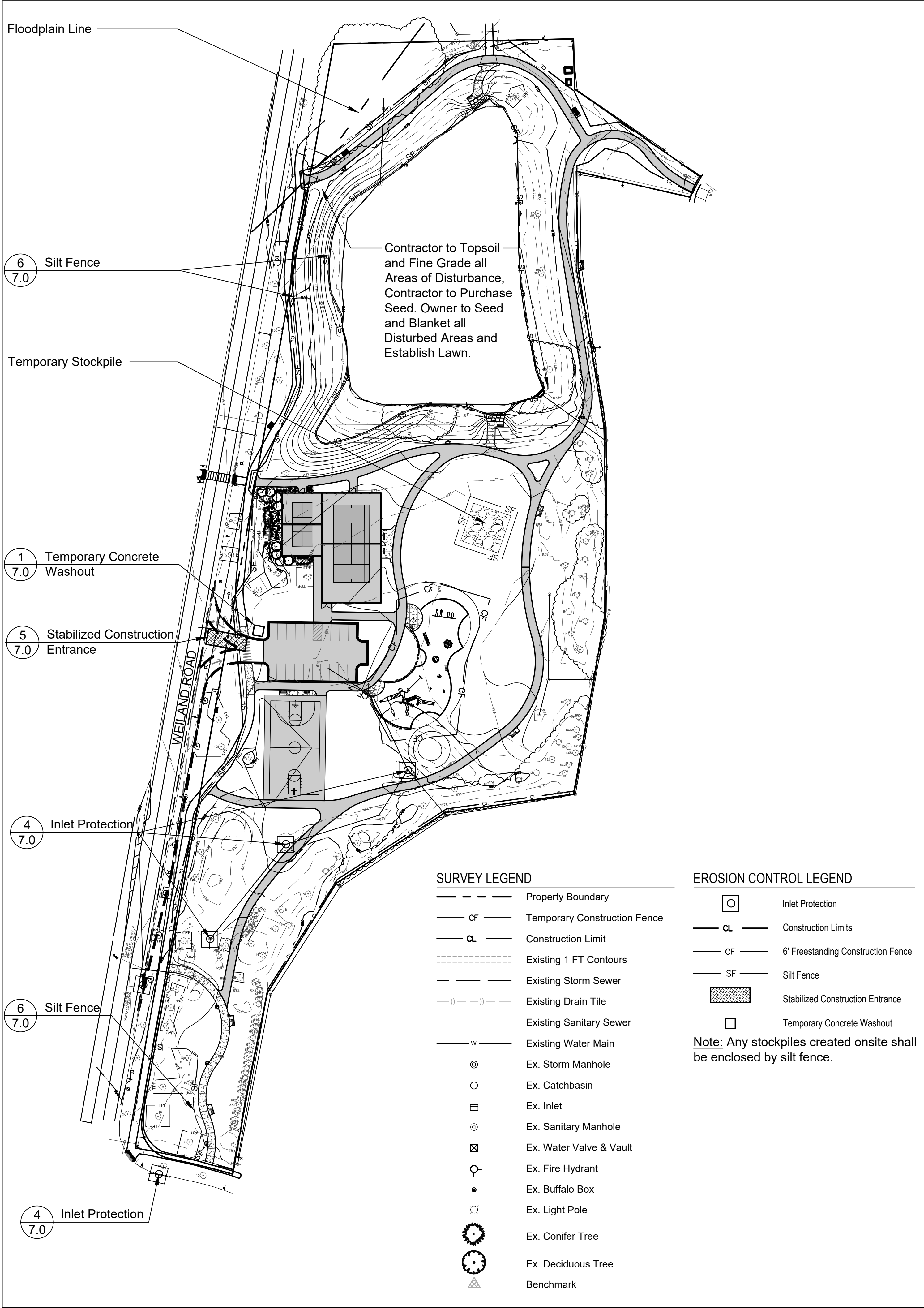
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SHEET TITLE

Existing Conditions & Removals Plan - North

SHEET NUMBER

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STORMWATER POLLUTION PREVENTION PLAN

GENERAL NOTES:

- AT LEAST FIVE WORKING DAYS PRIOR TO THE COMMENCEMENT OF ALL PHASES OF WORK, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING:
CITY OF BUFFALO GROVE: (847) 850-2100
BUFFALO GROVE PARK DISTRICT
- UTILITY INFORMATION IS BASED UPON FIELD MEASUREMENTS AND BEST AVAILABLE RECORDS. FIELD DATA IS LIMITED TO THAT WHICH IS VISIBLE AND CAN BE MEASURED. THIS DOES NOT PRECLUDE THE EXISTENCE OF OTHER UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. (1-800-892-0123) 48 HOURS PRIOR TO ANY EXCAVATION WORK TO DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES.
- EXCEPT WHERE MODIFIED BY THE CONTRACT DOCUMENTS, ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING DOCUMENTS: "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN THE STATE OF ILLINOIS", ILLINOIS DEPARTMENT OF TRANSPORTATION, LATEST EDITION, "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION, "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION CONTROL AND SEDIMENTATION CONTROL IN ILLINOIS", NORTHEASTERN ILLINOIS SOIL EROSION AND SEDIMENTATION CONTROL STEERING COMMITTEE, ILLINOIS PLUMBING CODE, LATEST EDITION, AND VILLAGE OF BUFFALO GROVE "MUNICIPAL CODE".
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", AS ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, LATEST EDITION, SHALL BE CONSULTED. APPROPRIATE CONTROL METHODS SHOULD BE APPLIED TO THE SPECIFIC SITUATIONS AND TYPES OF CONSTRUCTION OPERATIONS BEING PERFORMED.
- UNLESS WRITTEN AUTHORIZATION IS OBTAINED FROM THE CITY ENGINEER, ALL OPENINGS IN ANY PAVEMENT OR TRAVELED WAY SHALL BE BACKFILLED PRIOR TO THE END OF THE WORKING DAY.
- THE CONTRACTOR SHALL ESTABLISH THE NECESSARY PERFORMANCE BONDS REQUIRED. PERMITS SHALL BE OBTAINED FROM ALL OUTSIDE GOVERNMENTAL AGENCIES HAVING JURISDICTION PRIOR TO INITIATION OF CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE MOST RECENT SET OF THE "APPROVED" FINAL ENGINEERING PLANS WITH THE LATEST REVISION DATE ON THE JOB SITE PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION AND WILL BE RESPONSIBLE FOR ANY DAMAGE TO THE SAME.
- THE CONTRACTOR SHALL RESTORE OFF-SITE SURFACES TO ORIGINAL CONDITION IF DAMAGED BY CONSTRUCTION.
- THE CONTRACTOR IS TO PROVIDE THE CITY ENGINEER WITH RECORD DRAWINGS OF ALL UTILITIES SHOWING LOCATIONS OF ALL SEWER PIPE, MAINS, SERVICE STUBS, AND STRUCTURES.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES OF CONSTRUCTION, OR THE SAFETY PRECAUTIONS AND PROGRAMS INCIDENT THERETO, AND THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO PERFORM OR FURNISH THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE ENGINEER WARRANTS THE DESIGN, RECOMMENDATIONS, AND SPECIFICATIONS TO HAVE BEEN PROMULGATED ON CONDITIONS GENERALLY ENCOUNTERED WITHIN THE INDUSTRY. THE ENGINEER ASSUMES NO RESPONSIBILITY WHATSOEVER, WITH RESPECT TO THE DESIGN RECOMMENDATIONS AND SPECIFICATIONS, FOR COMPLEX OR UNUSUAL SOIL CONDITIONS ENCOUNTERED ON THE PROJECT. IT SHALL BE THE OWNER'S/BIDDER'S RESPONSIBILITY TO ASCERTAIN THE EXACT NATURE OF SUBSURFACE CONDITIONS PRIOR TO THE CONSTRUCTION OF THE IMPROVEMENT.
- ALL TRENCHES CAUSED BY THE CONSTRUCTION OF SEWERS, WATERMAINS, WATER SERVICE PIPES AND IN EXCAVATIONS AROUND CATCH BASINS, MANHOLES, INLETS, AND OTHER APPURTENANCES WHICH OCCUR WITHIN TWO FEET OF THE LIMITS OF EXISTING AND PROPOSED IMPROVEMENTS, SIDEWALKS, AND CURB AND GUTTERS SHALL BE BACKFILLED WITH TRENCH BACKFILL (AS DEFINED IN SECTION 208 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.)

STORM SEWER:

- REINFORCED CONCRETE PIPE STORM SEWER SHALL MEET OR EXCEED THE REQUIREMENTS OF ASTM C-76 CLASS III.
- POLYVINYL CHLORIDE (PVC) PIPE SHALL CONFORM TO ASTM D3034, TYPE PSM. THE MINIMUM STANDARD DIMENSION RATIO (SDR) SHALL BE 26. THE PIPE SHALL BE MADE OF PVC PLASTIC HAVING A MINIMUM CELL CLASSIFICATION OF 12454-C, AND SHALL HAVE A MINIMUM PIPE STIFFNESS OF FORTY-SIX (46) LBS. PER INCH (317 KPA). JOINTS FOR PVC PIPE SHALL BE FLEXIBLE ELASTOMETRIC SEALS PER ASTM D 3212.
- HIGH-DENSITY POLYETHYLENE (HDPE) PIPE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M252 AND M294. PIPE AND FITTINGS SHALL BE MADE FROM VIRGIN PE COMPOUNDS WHICH CONFORM TO THE REQUIREMENTS OF CELL CLASS 324420C AS DEFINED AND DESCRIBED IN ASTM D3350. RUBBER GASKET JOINTS SHALL BE USED.
- SEWER PIPE JOINTS SHALL BE SEALED WITH "O-RING" GASKETS. WATERMAIN QUALITY PIPE JOINTS SHALL BE "O-RING" TYPE, ASTM C-443.
- MANHOLES AND CATCH BASINS SHALL BE PRECAST REINFORCED CONCRETE - ASTM C-478 AND ASTM C-443 CONFORMING TO THE FOLLOWING MINIMUM SIZE CRITERIA UNLESS SPECIFIED OTHERWISE: A.) FOR SEWER EIGHTEEN (18) INCH DIAMETER OR LESS, MANHOLE SHALL HAVE A FORTY-EIGHT (48) INCH INSIDE DIAMETER. B.) FOR SEWER TWENTY-ONE (21) INCH TO THIRTY-SIX (36) INCH IN DIAMETER, MANHOLE SHALL HAVE A SIXTY (60) INCH INSIDE DIAMETER. C.) FOR SEWER GREATER THAN THIRTY-SIX (36) INCH DIAMETER, MANHOLE SHALL HAVE AN OFFSET RISER PIPE OF FORTY-EIGHT (48) INCH INSIDE DIAMETER.
- NO MORE THAN TWO PRECAST ADJUSTING RINGS WITH A MAXIMUM HEIGHT ADJUSTMENT OF 8 INCHES SHALL BE ALLOWED.
- MANHOLE FRAME AND COVER CASTINGS SHALL BE NEENAH NO. R-1710 PAVED, EMBOSSED WITH "STORM" MANHOLE STEPS SHALL BE NEENAH NO. R-1981-1. INLET AND CATCH BASIN CASTINGS IN GRASSY AREAS SHALL BE NEENAH NO. R-4340-B GRATE. INLET AND CATCH BASIN CASTINGS IN PAVED AREAS SHALL BE NEENAH NO. R-2502 (TY. D) GRATE & R-1772 FRAME, UNLESS OTHERWISE NOTED.
- INLETS SHALL BE TWENTY-FOUR (24) INCH DIAMETER PRECAST REINFORCED CONCRETE CONFORMING TO ASTM C-478.
- FOUR INCHES OF CA-7 CRUSHED GRAVEL OR CRUSHED STONE AGGREGATE SHALL BE USED AS BEDDING UNDER THE PIPE. THE BEDDING STONE SHALL BE GRADED ALONG THE ENTIRE LENGTH OF PIPE TO PROVIDE FULL BEARING. THE BEDDING STONE SHALL EXTEND TO THE SPRINGLINE OF THE PIPE.
- RIM GRADES IN CURB AND GUTTER ARE EDGE OF PAVEMENT ELEVATIONS.
- ALL EXISTING FIELD TILE AND/OR DRAIN PIPES ENCOUNTERED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM. IF THIS CANNOT BE ACCOMPLISHED, THEN IT SHALL BE REPAIRED WITH A NEW PIPE OF SIMILAR SIZE AND MATERIAL TO THE ORIGINAL LINE AND GRADE AND PUT INTO AN ACCEPTABLE OPERATING CONDITION. A RECORD OF ALL FIELD TILE OR DRAIN PIPE ENCOUNTERED SHALL BE KEPT BY THE CONTRACTOR AND TURNED OVER TO THE ENGINEER FOR "RECORD DRAWINGS" ON COMPLETION OF THE PROJECT. THE COST OF THIS WORK IS CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE PROVIDED.
- ANY PIPES OR MANHOLES CONTAINING SEDIMENT SHALL BE CLEANED OUT PRIOR TO FINAL ACCEPTANCE.
- STORM SEWER MANHOLE JOINTS SHALL BE SEALED WITH "O-RING" GASKETS OR MASTIC MATERIAL.

PLAN OF OPERATION:

- INSTALL EROSION CONTROL ITEMS.
- PERFORM SITE GRADING.
- INSTALL UNDERGROUND AND PAVEMENT.
- INSTALL SHELTER, PICKLEBALL EQUIPMENT, AND PLAYGROUND.
- ESTABLISH PERMANENT SEEDING.
- REMOVE TEMPORARY EROSION CONTROL ITEMS.

PAVEMENT, SIDEWALK, AND CURB & GUTTER:

- PAVEMENT THICKNESS SHALL COMPLY WITH THE VILLAGE OF BUFFALO GROVE REQUIREMENTS.
- SIDEWALK SHALL BE FIVE (5) INCH PORTLAND CEMENT CONCRETE. SIDEWALK SHALL BE SIX (6) INCHES THICK WHERE PASSING ACROSS AN EXISTING OR PROPOSED COMMERCIAL DRIVE AND WHERE PASSING OVER PUBLIC UTILITY LINES.
- HANDICAPPED RAMPS AND DEPRESSED CURBS SHALL BE PROVIDED WHEREVER SIDEWALK INTERSECTS CURB IN ACCORDANCE WITH IDOT SPECIFICATIONS.
- THE CURB AND GUTTER BASE COURSE SHALL BE CA-6, TRIMMED OR FILLED AS NECESSARY TO PROVIDE A FULL-DEPTH CURB AND GUTTER. PRIOR TO CONCRETE PLACEMENT, THE BASE COURSE SHALL BE COMPACTED AND PROOF-ROLLED.
- EXPANSION JOINTS ARE TO BE CONSTRUCTED AT 60' MAXIMUM SPACING. ALL PC'S AND PT'S OF INTERSECTION RETURNS (RAID) AND ALL OTHER SHORT RAID, AND 4' EACH SIDE OF CURB AND GUTTER FRAMES. TWO NO. 4 REINFORCING BARS SHALL BE PLACED CONTINUOUSLY BETWEEN EXPANSION JOINTS. EXPANSION JOINTS SHALL BE DOWELED AND SPACED NO MORE THAN SIXTY FEET ON CENTER.
- CONTRACTION JOINTS SHALL BE SAWCUT AT 10-FOOT MAXIMUM INTERVALS TO A DEPTH OF 2.5 INCHES. CONTRACTION JOINT SPACES SHALL BE SEALED WITH A COLD-POURED JOINT COMPOUND. CONCRETE CURING COMPOUND SHALL BE APPLIED AS FINISHING WORK PROCEEDS.
- THE CONTRACTOR SHALL BACKFILL CURB AND GUTTER AFTER ITS CONSTRUCTION AND PRIOR TO THE PLACEMENT OF BASE COURSE MATERIALS. THE CURB IS TO BE SAWCUT WITHIN 24 HOURS AFTER PLACEMENT. GUTTER PITCH SHALL BE REVERSED WHERE APPROPRIATE FOR DRAINAGE.
- ALL CURBS CONSTRUCTED OVER A UTILITY TRENCH SHALL BE REINFORCED WITH TWO NO. 5 REBARS FOR A LENGTH OF 10 FEET CENTERED OVER THE TRENCH. SIDEWALKS SHALL BE TREATED IN THE SAME MANNER USING THREE NO. 5 BARS OVER UTILITIES.
- PRIOR TO PLACING ANY PAVEMENT MATERIAL THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY PREPARING AND COMPACTING THE SUBGRADE. BOTH THE CURB AND GUTTER AND PAVEMENT BASE COURSE SHALL BE PROOF-ROLLED WITH A FULLY-LOADED DUMP TRUCK. THE ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS BEFORE PROOF-ROLLING. ADDITIONAL PROOF-ROLLS MAY BE NECESSARY TO VERIFY THAT ANY UNSTABLE AREAS HAVE BEEN REPAIRED. NO PAVEMENT MATERIAL IS TO BE PLACED ON A WET OR SOFT SUBGRADE. DEVELOPER/SOWNER'S MATERIAL TESTING AGENT SHALL ALSO WITNESS PROCEDURE TO MAKE AND CERTIFY REPAIRS IN WRITING.
- ALL EXISTING PAVEMENT OR CONCRETE TO BE REMOVED SHALL BE SAWCUT TO A NEAT EDGE ALONG LIMITS OF PROPOSED REMOVAL BEFORE REMOVAL OPERATIONS BEGIN.
- ALL CONCRETE PAVING SHALL MEET THE REQUIREMENTS OF THE ILLINOIS ACCESSIBILITY CODE, LATEST EDITION.

SOIL EROSION CONTROL PLAN:

- OWNER'S REPRESENTATIVE SHALL BE REQUIRED TO COMPLETE ALL EROSION CONTROL INSPECTIONS AND DOCUMENTATION THROUGHOUT CONSTRUCTION. INSPECTIONS AND DOCUMENTATION SHALL BE COMPLETED AT A MINIMUM BIWEEKLY AND AFTER EACH RAINFALL GREATER THAN 1/2" AT ALL PERIODS DURING CONSTRUCTION WITH UNSTABILIZED AREAS. CONTRACTOR SHALL MAINTAIN INSPECTION LOGS ONSITE AND SHALL PROVIDE COPIES TO THE OWNER AND VILLAGE OF BUFFALO GROVE REGULARLY.
- ALL EROSION CONTROL MEASURES ARE TO BE IN PLACE BEFORE ANY WORK BEGINS ON SITE.
- STOCKPILE SHALL NOT BE LOCATED IN SPECIAL MANAGEMENT AREAS.
- WHERE FENCING IS USED, THE CONDITION OF THE FENCE SHALL BE CHECKED AT MINIMUM EVERY OTHER WEEK, OR AFTER EVERY RAINSTORM THAT MIGHT PRODUCE RUNOFF. DAMAGED OR DETERIORATED ITEMS SHALL BE REPLACED AND MAINTAINED IN AN EFFECTIVE CONDITION.
- ANY STORM WATER DRAINAGE STRUCTURES THAT HAVE THE POTENTIAL TO ACCEPT RUNOFF CONTAINING SUSPENDED SOIL PARTICLES SHALL BE SURROUNDED WITH SILT FENCE.
- SILT FENCE SHALL REMAIN IN PLACE UNTIL ALL DISTURBED EARTH HAS BEEN PAVED OR VEGETATED, AND SHALL ALSO BE CHECKED AT REGULAR INTERVALS TO MAINTAIN EFFECTIVENESS IN TERMS OF TOTAL CONTACT WITH THE EARTH BELOW.
- AS EACH PHASE ON THE ENTIRE SITE IS COMPLETED, SILT FENCE SHALL BE REMOVED AND THE ENTIRE AREA EITHER SOODED OR SEEDED AFTER SEDIMENT HAS BEEN REDISTRIBUTED. IF WEATHER CONDITIONS ARE SUCH THAT SEEDING WOULD NOT BE EFFECTIVE, THEN THE STOCK PILES SHOULD BE EITHER MULCHED OR COVERED AND GRADED SO THAT ALL SEDIMENT FROM EROSION WILL BE CONFINED WITHIN THE BOUNDARIES OF THE SITE.
- SEEDING SHALL BE DONE PER "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY DIVISION OF WATER POLLUTION CONTROL, LATEST EDITION AND VILLAGE OF BUFFALO GROVE STORM WATER CONTROL ORDINANCE.
- TO PREVENT SOIL FROM LEAVING THE SITE ON CONSTRUCTION VEHICLE WHEELS, STABILIZED CONSTRUCTION WORK ENTRANCES SHALL BE CONSTRUCTED OF GRAVEL AND SHALL EXTEND AT LEAST 100 FEET INTO THE JOB SITE. THE EXISTING PAVEMENT SURFACES SHALL BE INSPECTED DAILY FOR SOIL DEBRIS AND SHALL BE CLEANED WHEN NECESSARY.
- THE CONTRACTOR SHALL HAVE THE RAIN GARDEN VOLUME VERIFIED BY A LICENSED ENGINEER OR SURVEYOR PRIOR TO THE INSTALLATION OF TOPSOIL AND SEEDING/SOD AND PLANTING. THE COST OF SAID VERIFICATION SHALL BE BORNE BY THE CONTRACTOR.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROPERLY DISPOSE OF ANY EXCESS EXCAVATED MATERIAL.
- TOPSOIL STOCK PILES SHALL BE PROTECTED. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, THEN SEDIMENT & EROSION CONTROL SHALL BE PROVIDED FOR SUCH STOCKPILE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL THE SEDIMENTATION CONTROL MEASURES. INSPECTIONS SHALL BE CONDUCTED AFTER A RAIN EVENT, AND MAINTENANCE OF THE STRUCTURES IS NECESSARY, INCLUDING REPAIR OF DAMAGE AND REMOVAL OF DEPOSITS OR SEDIMENT FROM VEGETATIVE FILTERS, IT SHALL BE DONE BY THE CONTRACTOR.

SITE GRADING:

- EXCAVATION OF TOPSOIL AND OTHER STRUCTURALLY UNSUITABLE MATERIALS MAY REQUIRE EARTH EXCAVATION AND COMPACTED EARTH FILL MATERIAL IN ORDER TO ACHIEVE THE PLAN SUBGRADE ELEVATIONS.
- PLACEMENT OF THE EXCAVATED MATERIAL SHALL BE IN AREAS DESIGNATED BY THE OWNER FOR FUTURE USE, WITHIN AREAS TO BE LANDSCAPED, AND THOSE AREAS NOT REQUIRING STRUCTURAL FILL MATERIAL.
- COMPACTION OF THE EXCAVATED MATERIAL PLACED IN AREAS NOT REQUIRING STRUCTURAL FILL SHALL BE MODERATE.
- EXCESS MATERIALS, IF NOT UTILIZED AS FILL OR STOCKPILED FOR FUTURE LANDSCAPING, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF BY THE CONTRACTOR.
- EXCAVATION OF EARTH AND OTHER MATERIALS WHICH ARE SUITABLE FOR USE AS STRUCTURAL FILL: THE EXCAVATION SHALL BE TO WITHIN A TOLERANCE OF 0.3 +/- OF THE PLAN SUBGRADE ELEVATIONS. THE TOLERANCE WITHIN PAVEMENT AREAS SHALL BE SUCH THAT THE EARTH MATERIAL SHALL BALANCE AS PART OF THE FINE GRADING OPERATION.
- PLACEMENT AND COMPACTION OF MATERIALS SHALL CONFORM TO I.D.O.T. SPECIFICATIONS.
- THE CONTRACTOR SHALL MAINTAIN PROPER SITE DRAINAGE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION AND PREVENT STORM WATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.
- PAYMENT FOR THE REMOVAL OF UNSUITABLE MATERIAL (EXCLUDING TOPSOIL EXCAVATION) SHALL BE BASED ON THE QUANTITIES AS FIELD MEASURED BY THE ENGINEER.



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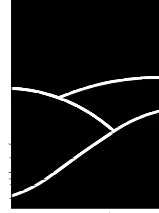
PROJECT

Parkchester Park OSLAD Grant Development

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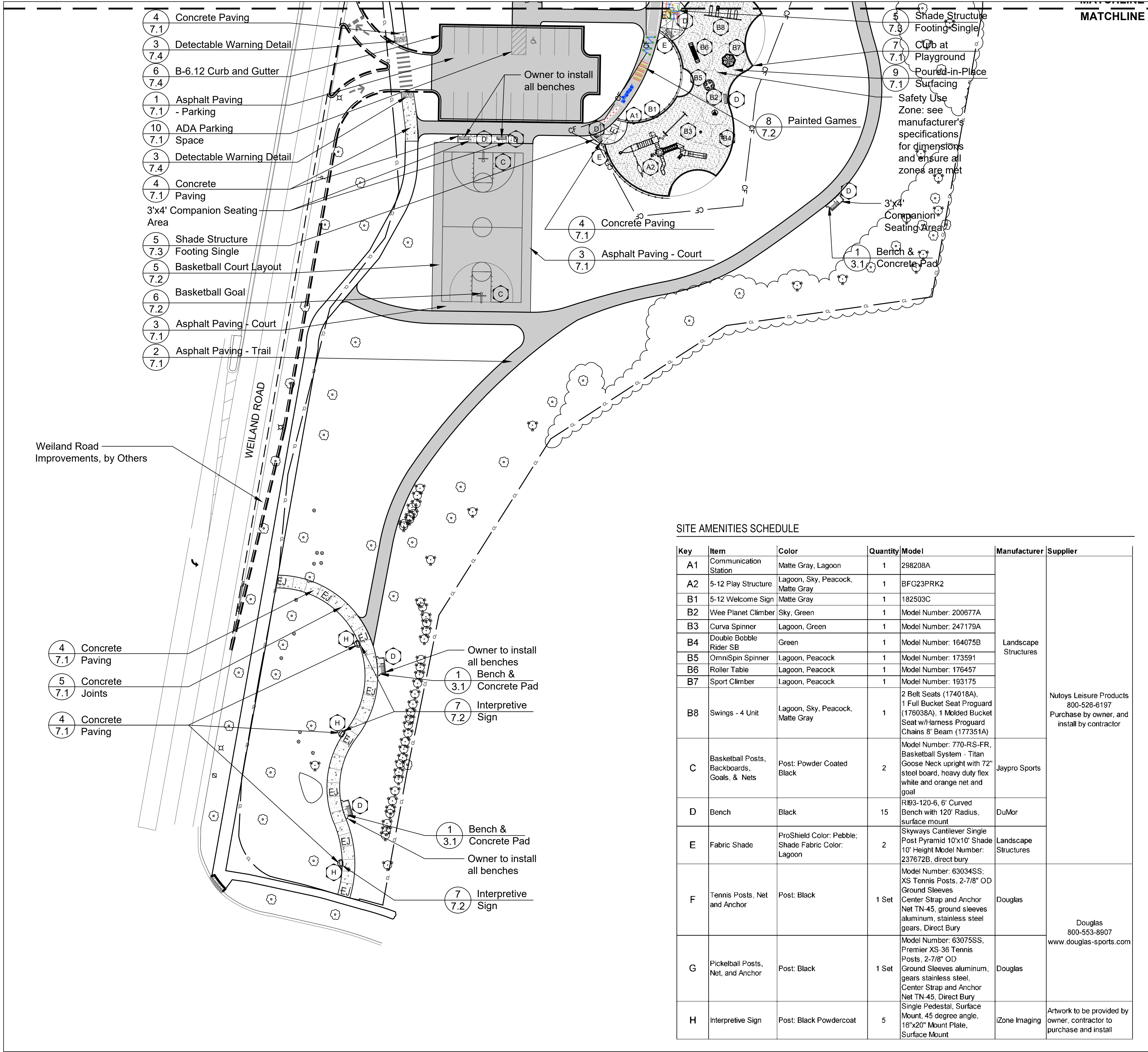
1183

SHEET TITLE

Stormwater Pollution Prevention Plan

SHEET NUMBER

2.2



- GENERAL NOTES: LAYOUT
- It is the responsibility of the Contractor to perform layout of all project elements and points for review by Owner prior to construction. (This work is considered incidental to the project and not paid as a separate bid item).
 - The contractor shall be responsible for all materials and quantities as required to complete the work in accordance with the plans and specifications. The contractor will notify the Owner's Representative in writing of any discrepancies or changes required to complete the work before any action may be taken. All changes or change orders must be approved by the Owner's Representative and Owner before any changes are executed.
 - Contractor shall follow Village of Buffalo Grove permit requirements as part of the project.
 - Contractor shall confirm that all equipment use/safety zones specified by play equipment manufacturer are adhered to.
 - All play equipment footings shall meet manufacturers specification for footing depth and width.

- REFERENCED SPECIFICATIONS AND CODES
- The Standard Specifications for Road and Bridge Construction (SSRBC), latest edition adopted by the Illinois department of Transportation, and all amendments thereto the design manual, highway standards, and the culvert manual, also prepared by the Illinois Department of Transportation.
 - The Americans with Disabilities Act and the Illinois Accessibility Code.
 - The Illinois Procedures and Standards for Urban Soil Erosion and Sedimentation Control, and IEPA Standards and Specifications for Soil Erosion and Sedimentation Control.
 - U.S. Soil Conservation Service Field Engineering Handbook
 - All codes and ordinances of the Village of Buffalo Grove, United States Army Corp of Engineers, Illinois Department of Natural Resources, Lake County Soil and Water Conservation Districts, Lake County, and all agencies having jurisdiction.
 - All requirements of the Occupational Safety and Health Administration.
 - The cited standard specifications, codes and permits, with these construction plans and details, are all to be considered part of the work, incidental items or accessories necessary to complete this work may not be specifically noted but are considered a part of these improvements.
 - In case of conflict, the more restrictive provision shall apply.

Key	Item	Color	Quantity	Model	Manufacturer	Supplier
A1	Communication Station	Matte Gray, Lagoon	1	298208A	Landscape Structures	Nutoys Leisure Products 800-526-6197 Purchase by owner, and install by contractor
A2	5-12 Play Structure	Lagoon, Sky, Peacock, Matte Gray	1	BFG23PRK2		
B1	5-12 Welcome Sign	Matte Gray	1	182503C		
B2	Wee Planet Climber	Sky, Green	1	Model Number: 200877A		
B3	Curva Spinner	Lagoon, Green	1	Model Number: 247179A		
B4	Double Bobble Rider SB	Green	1	Model Number: 164075B		
B5	OmniSpin Spinner	Lagoon, Peacock	1	Model Number: 173591		
B6	Roller Table	Lagoon, Peacock	1	Model Number: 176457	Jaypro Sports	
B7	Sport Climber	Lagoon, Peacock	1	Model Number: 193175		
B8	Swings - 4 Unit	Lagoon, Sky, Peacock, Matte Gray	1	2 Belt Seats (174018A), 1 Full Bucket Seat Proguard (178038A), 1 Molded Bucket Seat w/Harness Proguard Chains 8' Beam (177351A)		
C	Basketball Posts, Backboards, Goals, & Nets	Post: Powder Coated Black	2	Model Number: 770-RS-FR, Basketball System - Titan Goose Neck upright with 72" steel board, heavy duty flex white and orange net and goal	Jaypro Sports	
D	Bench	Black	15	R193-120-6, 6' Curved Bench with 120' Radius, surface mount	DuMor	
E	Fabric Shade	ProShield Color: Pebble; Shade Fabric Color: Lagoon	2	Skyways Cantilever Single Post Pyramid 10'x10' Shade 10' Height Model Number: 237672B, direct bury	Landscape Structures	
F	Tennis Posts, Net and Anchor	Post: Black	1 Set	Model Number: 63034SS; XS Tennis Posts, 2-7/8" OD Ground Sleeves Center Strap and Anchor Net TN-45, ground sleeves aluminum, stainless steel gears, Direct Bury	Douglas	Douglas 800-553-8907 www.douglas-sports.com
G	Pickleball Posts, Net, and Anchor	Post: Black	1 Set	Model Number: 63075SS, Premier XS-36 Tennis Posts, 2-7/8" OD Ground Sleeves aluminum, gears stainless steel, Center Strap and Anchor Net TN-45, Direct Bury	Douglas	
H	Interpretive Sign	Post: Black Powdercoat	5	Single Pedestal, Surface Mount, 45 degree angle, 18"x20" Mount Plate, Surface Mount	iZone Imaging	Artwork to be provided by owner, contractor to purchase and install



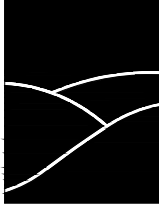
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PROJECT
**Parkchester
Park OSLAD
Grant
Development**

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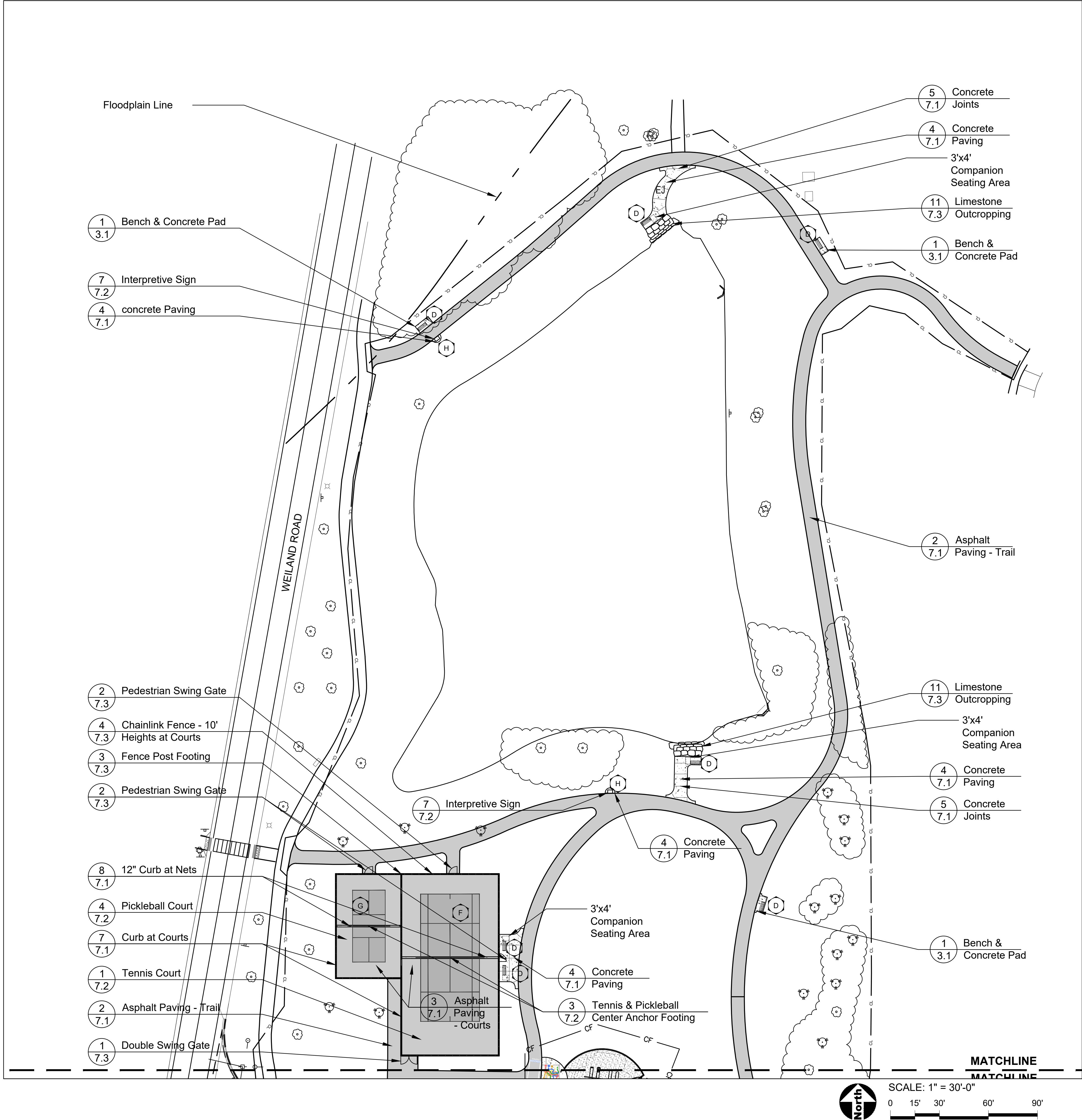
PROJECT NUMBER **1183**

SHEET TITLE

**Layout Plan -
South**

SHEET NUMBER

3.0

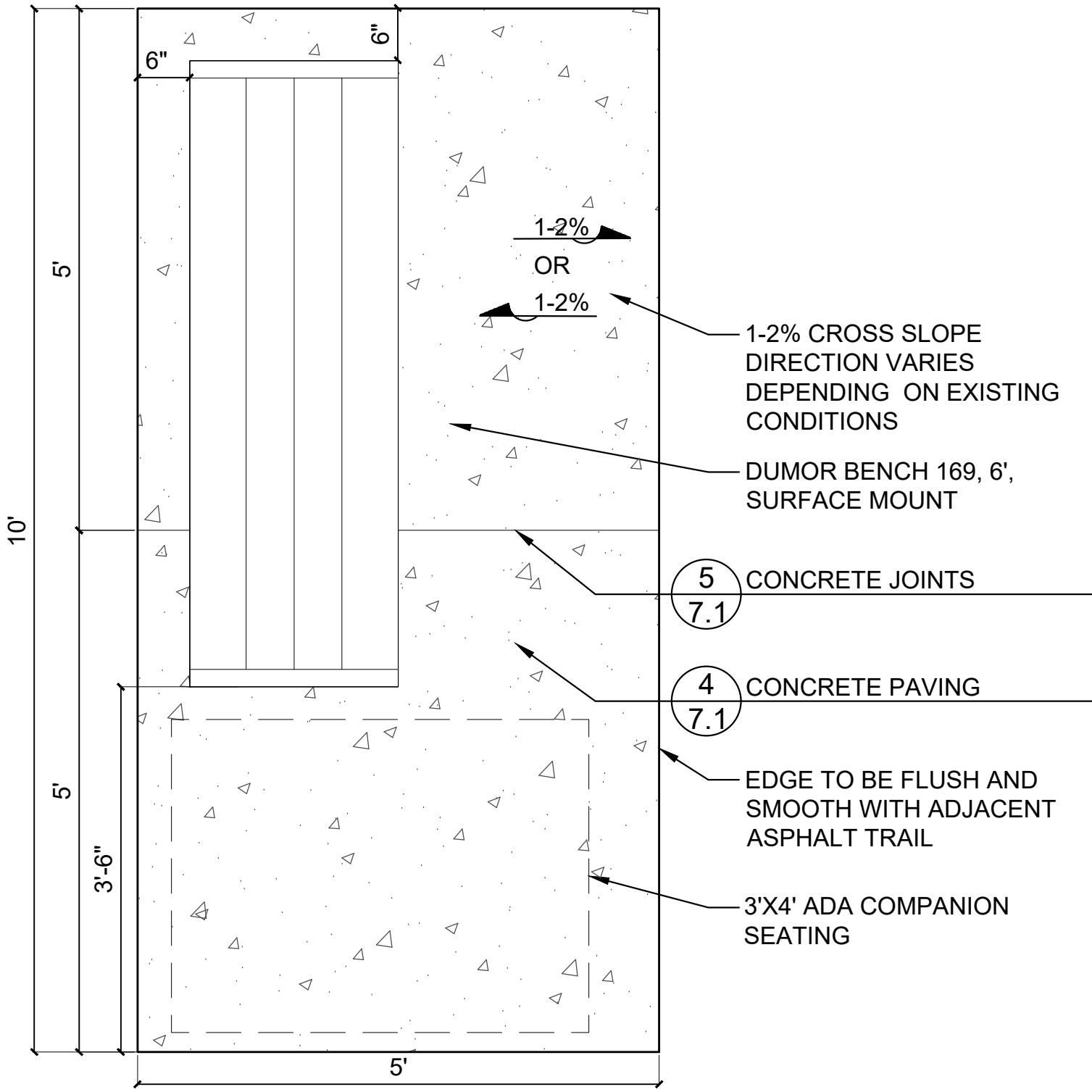


GENERAL NOTES: LAYOUT

1. See Sheet 3.0 for Layout Notes.

REFERENCED SPECIFICATIONS AND CODES

1. See Sheet 3.0 for Specifications and Codes.



1 Bench & Concrete Pad
SCALE: N.T.S.

d-bench_pad_8

LEGEND

- Concrete Paving
- Asphalt Paving
- Poured in Place Surfacing
- EJ Concrete Expansion Joints
- CF Construction Fence
- CL Construction Limits



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PROJECT

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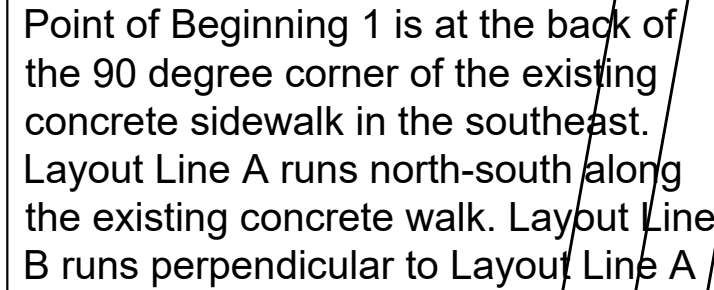
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SHEET TITLE

Layout Plan - North

SHEET NUMBER

3.1



MATCHLINE

- ## GENERAL NOTES: DIMENSION
1. Layout of equipment is to center of post.
 2. Layout play equipment with safety zones to be staked by the Contractor for review by Owner's Representative prior to play equipment installation.
 3. Paving radii shall be formed completely and shall smoothly transition into tangents and adjoining lines. Dimensions are to face of curb and edge of pavement unless otherwise specified.
 4. Dimensions are in feet or degrees. Dimensions are perpendicular & parallel unless otherwise noted.
 5. See Layout Plan, Sheet 3.0 for additional general notes and referenced specifications and codes.
 6. Contractor shall perform all construction layout for the project. Contractor will be provided with an electronic file in AutoCAD format to assist with layout. Neither the Owner nor their representative shall be responsible for setting additional layout points.



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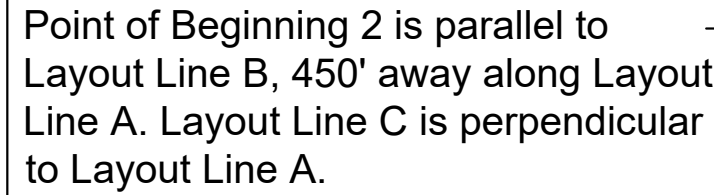
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SHEET TITLE

Dimension Plan - South

SHEET NUMBER

4.0



MATCHLINE

1. See Sheet 4.0 for Notes



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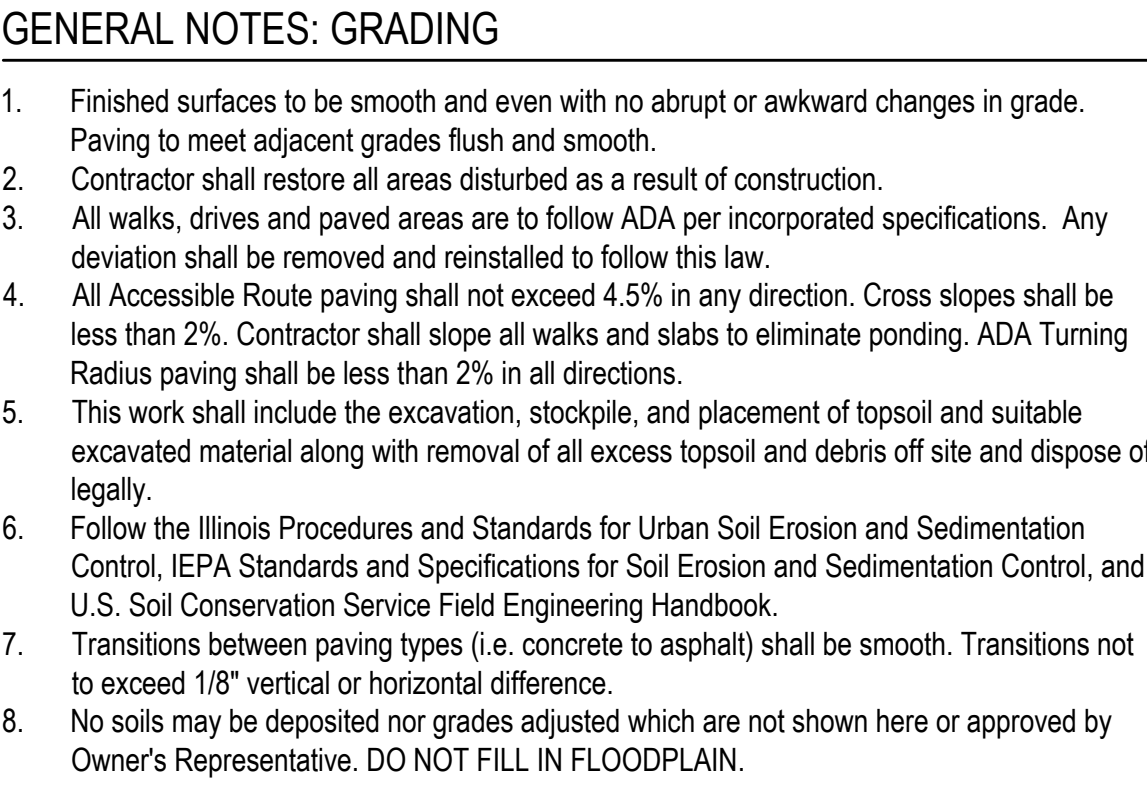
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SHEET TITLE

Dimension Plan - Equipment

SHEET NUMBER

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LEGEND	
	Existing Contour Line
	Proposed Contour Line
	Existing Spot Elevation
	Proposed Spot Elevation
	Drainage Flow Direction
	Construction Limits / Construction Fence

INDEX OF ACRONYMS AND ABBREVIATIONS

INV - Pipe Invert Elevation
ME - Match Existing Elevation
RIM - Top of Rim Elevation
TC - Top of Curb
TP - Top of Pavement
TS - Top of Play Surface



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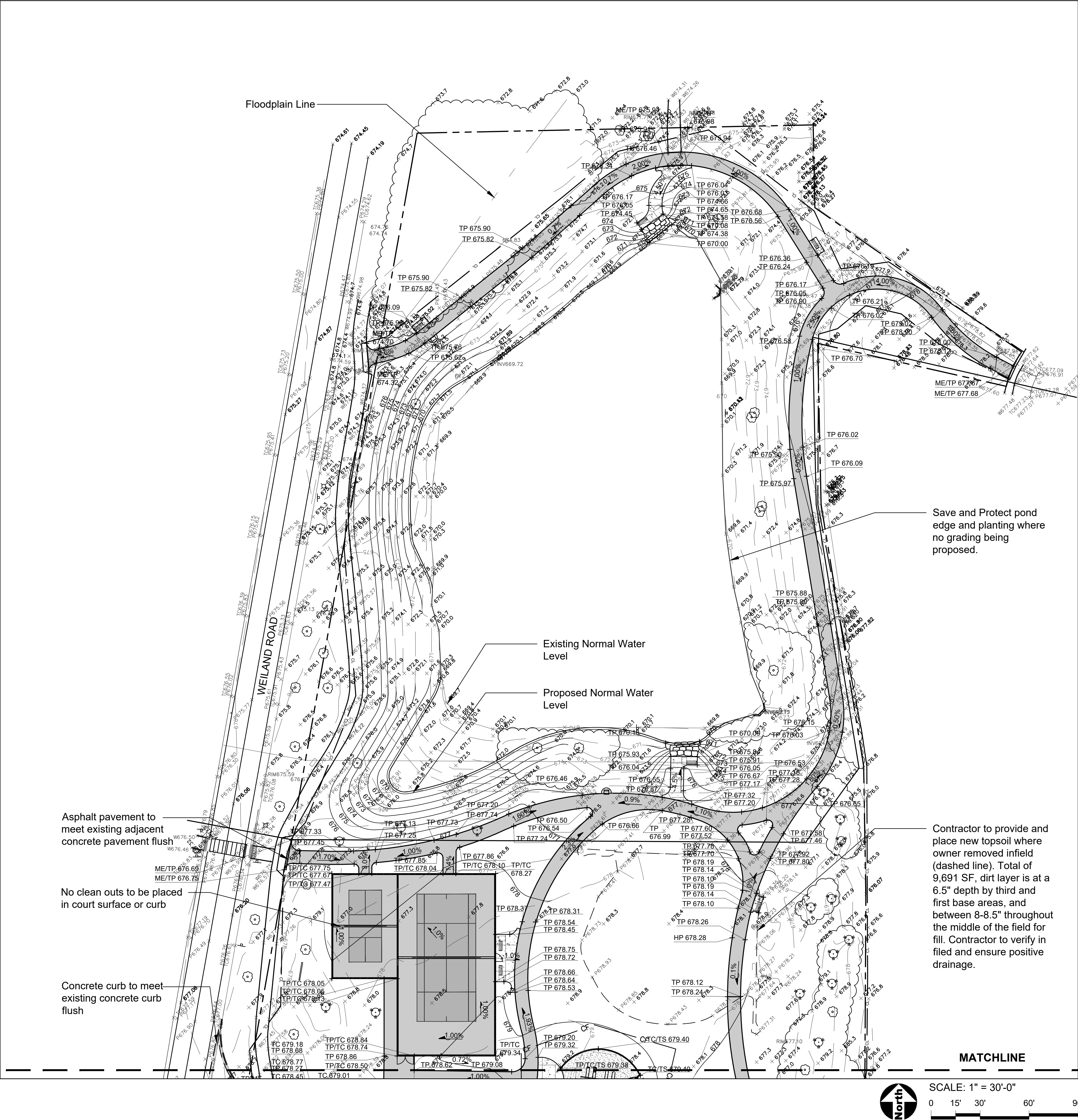
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SHEET TITLE

Grading Plan - South

SHEET NUMBER

5.0



GENERAL NOTES: GRADING

1. See Sheet 5.0 for Notes



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PROJECT
**Parkchester
Park OSLAD
Grant
Development**

851 Weiland Road
Buffalo Grove
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PROJECT TEAM



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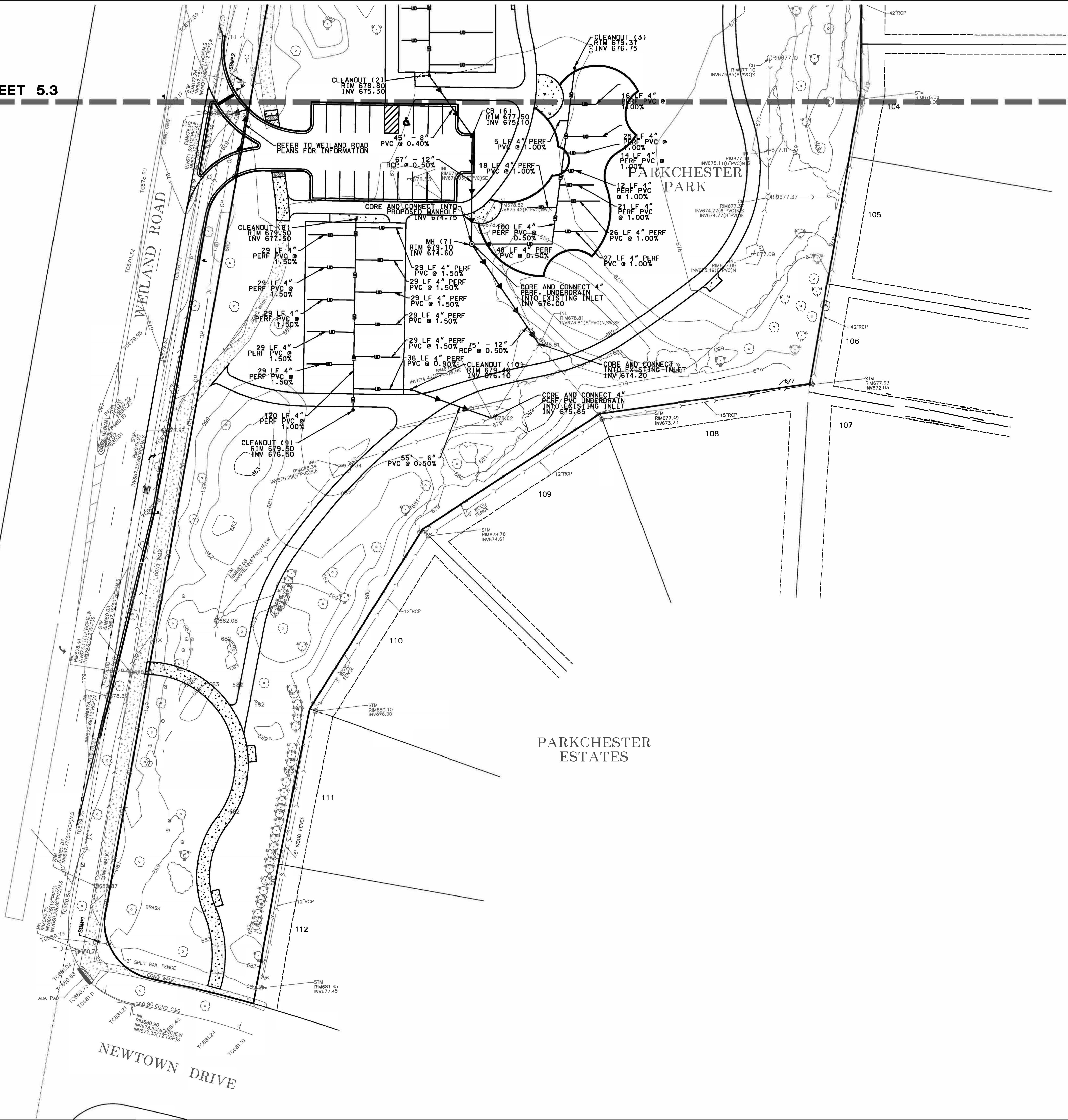
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**Grading Plan -
North**

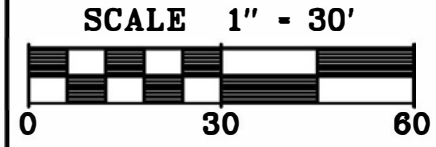
SHEET NUMBER

5.1

MATCHLINE - REFER TO SHEET 5.3



N



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PROJECT
**Parkchester
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SHEET TITLE

**Utility Plan -
South**

SHEET NUMBER

5.2



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PROJECT

Parkchester Park OS/AD Grant Development

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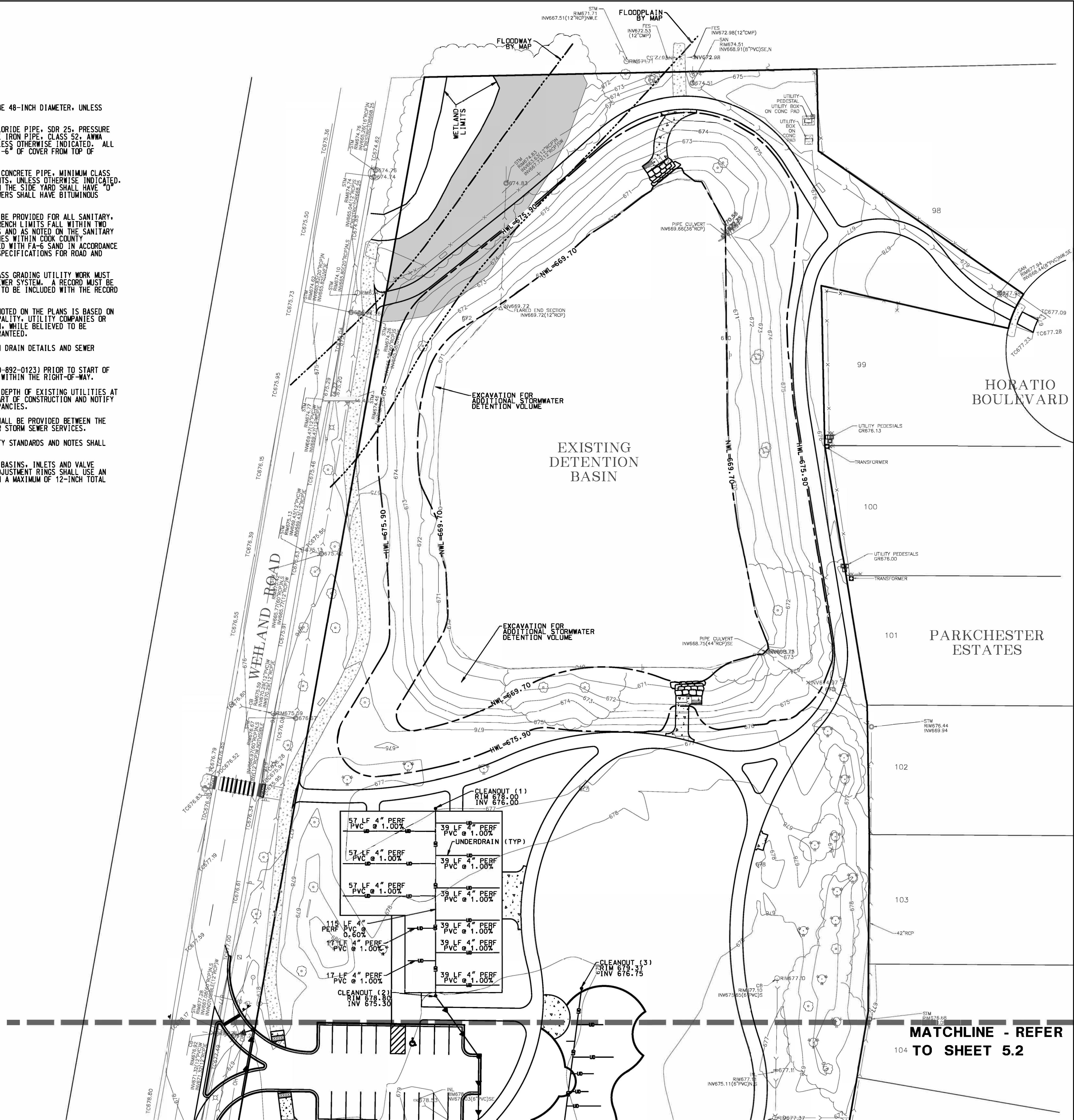
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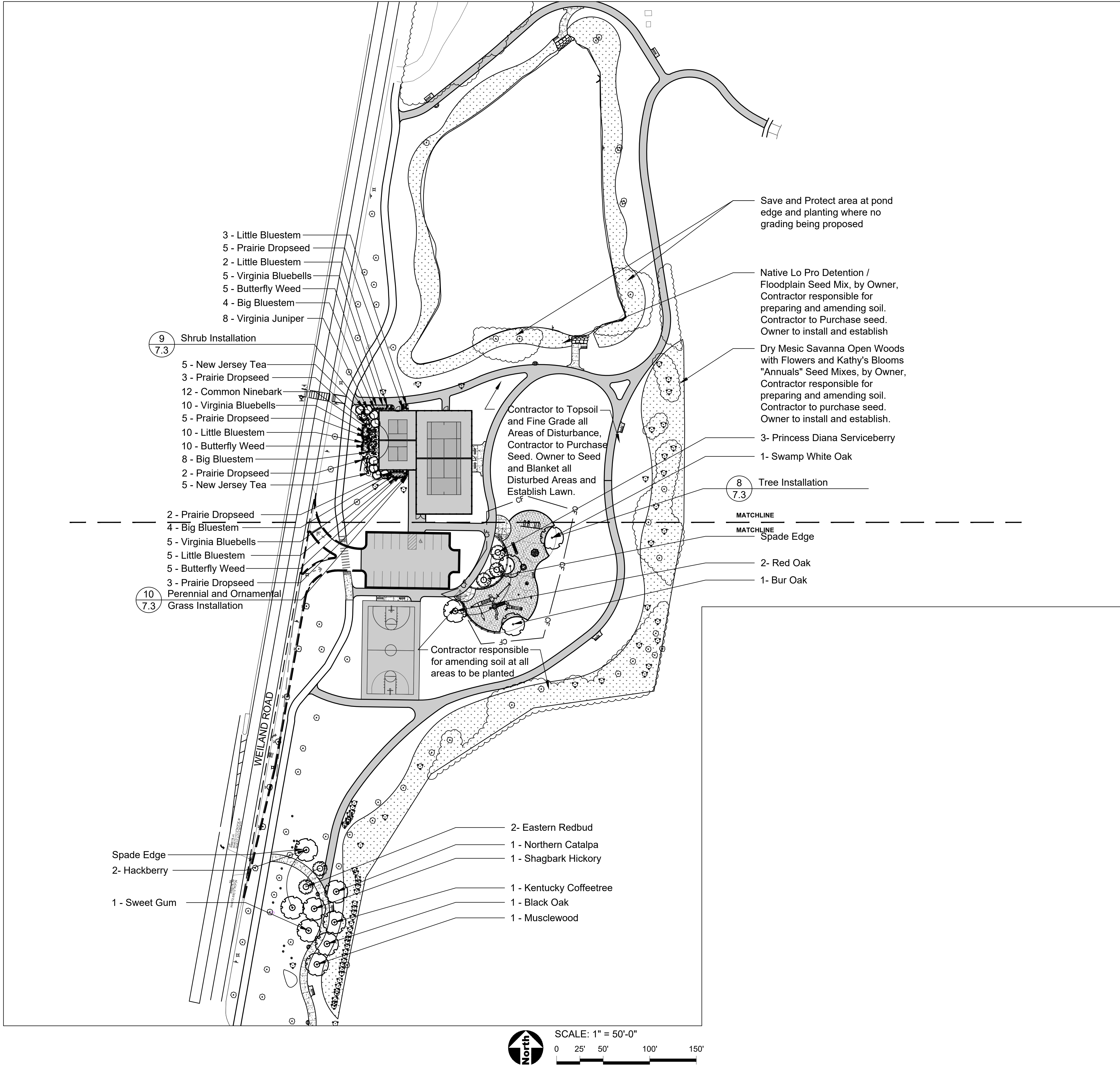
Utility Plan - North

SHEET NUMBER

5.3

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Plant List - Purchase and Install by Owner

PLANT LIST			
QTY	SIZE	BOTANICAL NAME	COMMON NAME
Shade Trees - Balled and Burlap			
1	2.5" cal.	<i>Carpinus caroliniana</i>	Musclemwood
1	2.5" cal.	<i>Carya ovata</i>	Shagbark Hickory
1	2.5" cal.	<i>Catalpa speciosa</i>	Northern Catalpa
2	2.5" cal.	<i>Celtis occidentalis</i>	Hackberry
1	2.5" cal.	<i>Gymnocladus dioica</i>	Kentucky Coffeetree
1	2.5" cal.	<i>Liquidambar styraciflua</i>	Sweetgum
1	2.5" cal.	<i>Quercus bicolor</i>	Swamp White Oak
1	2.5" cal.	<i>Quercus macrocarpa</i>	Bur Oak
2	2.5" cal.	<i>Quercus rubra</i>	Red Oak
1	2.5" cal.	<i>Quercus velutina</i>	Black Oak
12			
Evergreen Trees - Balled and Burlap			
8	6' ht.	<i>Juniperus virginiana</i>	Virginia Juniper
8			
Ornamental Trees - Balled and Burlap			
3	6' ht.	<i>Amelanchier x grandiflora</i> 'Princess Diana'	Princess Diana Serviceberry
2	6' ht.	<i>Cercis canadensis</i>	Eastern Redbud
5			
Deciduous Shrubs - Balled and Burlap or Pot			
10	24" Ht. x 24" W	<i>Ceanothus americanus</i>	New Jersey Tea
12	24" Ht. x 24" W	<i>Physocarpus opulifolius</i>	Common Ninebark
22			
Perennials & Ornamental Grasses - Pot			
16	#1 Cont.	<i>Andropogon gerardi</i>	Big Bluestem
20	#1 Cont.	<i>Asclepias tuberosa</i>	Butterfly Weed
20	#1 Cont.	<i>Mertensia virginica</i>	Virginia Bluebells
20	#1 Cont.	<i>Schizachyrium scoparium</i>	Little Bluestem
20	#1 Cont.	<i>Sporobolus heterolepis</i>	Prairie Dropseed
96			

LEGEND

- Shade Tree, by Owner
 - Ornamental Tree, by Owner
 - Evergreen Trees, by Owner
 - Ornamental Grasses, by Owner
 - Native Seed Mix, by Owner
 - CL Construction Limits / Construction Fence
- Note: See Sheet L7.3 for Landscape Details, and see specifications for the seed mix information.



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SHEET TITLE

Landscape Plan

SHEET NUMBER

6.0

NATIVE LOW-PROFILE DETENTION/FLOODPLAIN SEED MIX

BOTANICAL NAME	COMMON NAME	PURE LIVE SEED OZ/ACRE
----------------	-------------	------------------------

Graminoids, or Grasses, Sedges, Rushes, and Other Grasslike Plants

Agrostis gigantea	Red Top Grass	8
Agrostis stolonifera	Bent Grass	24
Carex Bebbii	Bebbs Sedge	8
Carex granularis	Meadow Sedge	2
Carex lupuliformis	Knobbed Hop Sedge	1.008
Carex scoparia	Pointed Broom Sedge	5.008
Carex stipata	Awlfruit Sedge	1.008
Carex vulpinoidea	Fox Sedge	8
Cyperus esculentus	Field Nut Sedge	1.008
Echinochloa crusgalli	Barryard Grass	40
Eleocharis obtusa	Blunt Spike Rush	0.24
Elymus canadensis	Canada Wild Rye	16
Elymus virginicus	Virginia Wild Rye	32
Glyceria striata	Fowl Manna Grass	2
Juncus effusus	Common Rush	0.24
Juncus tenuis	Slender Rush	0.24
Juncus torreyi	Torreys Rush	0.24
Leersia oryzoides	Rice Cut Grass	3.008
Panicum dichotomiflorum	Knee Grass	4
Poa palustris	Marsh Blue Grass	4
Schoenoplectus pungens	Chairmakers Rush	10
Scirpus atrovirens	Dark Green Rush	12
Scirpus pendulus	Red Bulrush	2
Total		184

Forbs

Alisma subcordatum	Common Water Plantain	6
Asclepias incarnata	Swamp Milkweed	3.008
Bidens cernua	Nodding Bur Marigold	5.008
Bidens frondosa	Common Beggarstick	2
Boehmeria cylindrica	False Nettle	0.24
Boltonia asteroides	False Aster	1.008
Helenium autumnale	Sneezeweed	1.504
Mimulus ringens	Monkey Flower	0.496
Penthorum sedoides	Ditch Stonecrop	0.096
Sagittaria latifolia	Common Arrowhead	1.008
Symphyotrichum lanceolatum	Panicled Aster	0.496
Symphyotrichum novae-angliae	New England Aster	2
Teucrium canadense	Germander	0.496
Verbena hastata	Blue Vervain	16
Total		39.36

DRY MESIC SAVANNA OPEN WOODS WITH FLOWERS

BOTANICAL NAME	COMMON NAME	PURE LIVE SEED OZ/ACRE
----------------	-------------	------------------------

Graminoids, or Grasses, Sedges, Rushes, and Other Grasslike Plants

Agrostis perennans	Upland Bent Grass	0.496
Bromus latiglumis	Earleaf Brome	0.24
Carex brevior	Shorter Sedge	4
Diarrhena americana	Beak Grass	0.496
Elymus canadensis	Canada Wild Rye	16
Elymus hystrix	Bottlebrush Grass	0.496
Elymus villosus	Silky Wild Rye	48
Elymus virginicus	Virginia Wild Rye	16
Festuca subverticillata	Nodding Fescue	4
Glyceria striata	Fowl Manna Grass	0.992
Juncus dudleyi	Dudleys Rush	0.992
Total		91.712

Forbs

Agastache nepetoides	Yellow Giant Hyssop	0.256
Agastache scrophulariaefolia	Purple Giant Hyssop	0.256
Anemone virginiana	Tall Anemone	0.496
Aquilegia canadensis	Columbine	0.096
Baptisia lactea	White Indigo	2
Campanulastrum americana	Tall Bellflower	0.096
Clematis virginiana	Virgins Bower	0.496
Echinacea purpurea	Purple Coneflower	16
Eutrochium purpureum	Purple Joepyeweed	0.496
Hypericum ascyron	Great St Johnswort	0.256
Lobelia siphilitica	Great Blue Lobelia	0.256
Maianthemum racemosum r	Feathery False Solomons Seal	0.096
Penstemon digitalis	Foxglove Beardtongue	2
Polygonatum biflorum commutatum	Smooth Solomons Seal	0.256
Pycnanthemum pilosum	Hairy Mt Mint	0.256
Pycnanthemum tenuifolium	Slender Mt Mint	1.504
Ratibida pinnata	Yellow Coneflower	3.008
Rosa blanda	Early Wild Rose	0.24
Rudbeckia hirta	Blackeyed Susan	4
Rudbeckia triloba	Browneyed Susan	2
Silphium integrifolium	Rosinweed	2
Silphium perfoliatum	Cup Plant	2
Solidago juncea	Early Goldenrod	1.504
Solidago ulmifolia	Elmleaf Goldenrod	3.008
Symphyotrichum drummondii	Drummonds Aster	1.008
Symphyotrichum lateriflorum	Calico Aster	0.496
Symphyotrichum shortii	Shorts Aster	3.008
Symphyotrichum urophyllum	Arrowleaf Aster	0.992
Teucrium canadense	Germander	0.992
Tradescantia ohiensis	Ohio Spiderwort	0.256
Verbena hastata	Blue Vervain	1.008
Verbena urticifolia	White Vervain	1.008
Veronicastrum virginicum	Culvers Physic	0.496
Zizia aurea	Golden Alexander	0.992
Total		52.832

KATHY'S BLOOMERS "ANNUALS" MIX

BOTANICAL NAME	COMMON NAME	PURE LIVE SEED OZ/ACRE
----------------	-------------	------------------------

Forbs

Chamaecrista fasciculata	Partridge Pea	3.36
Coreopsis lanceolata	Lanceleaf Coreopsis	7.2
Cosmos sulphureus	Yellow Cosmos	6.24
Desmanthus illinoensis	Illinois Sensitive Plant	4.8
Echinacea purpurea	Purple Coneflower	5.28
Gaillardia pulchella	Indian Blanket	3.84
Linum perenne v. lewisii	Blue Flax	3.36
Lupinus perennis	Wild Lupine	3.36
Ratibida columnifera	Prairie Coneflower	1.44
Ratibida columnifera pulcherrima	Mexican Hat	1.44
Rudbeckia hirta	Blackeyed Susan	5.28
Genesis Native Perennial Midwest Mix		2.4
Total		48



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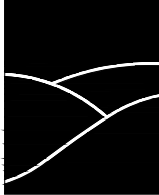
PROJECT

Parkchester
Park OSLAD
Grant
Development

851 Weiland Road
Buffalo Grove
Illinois 60089

PROJECT TEAM

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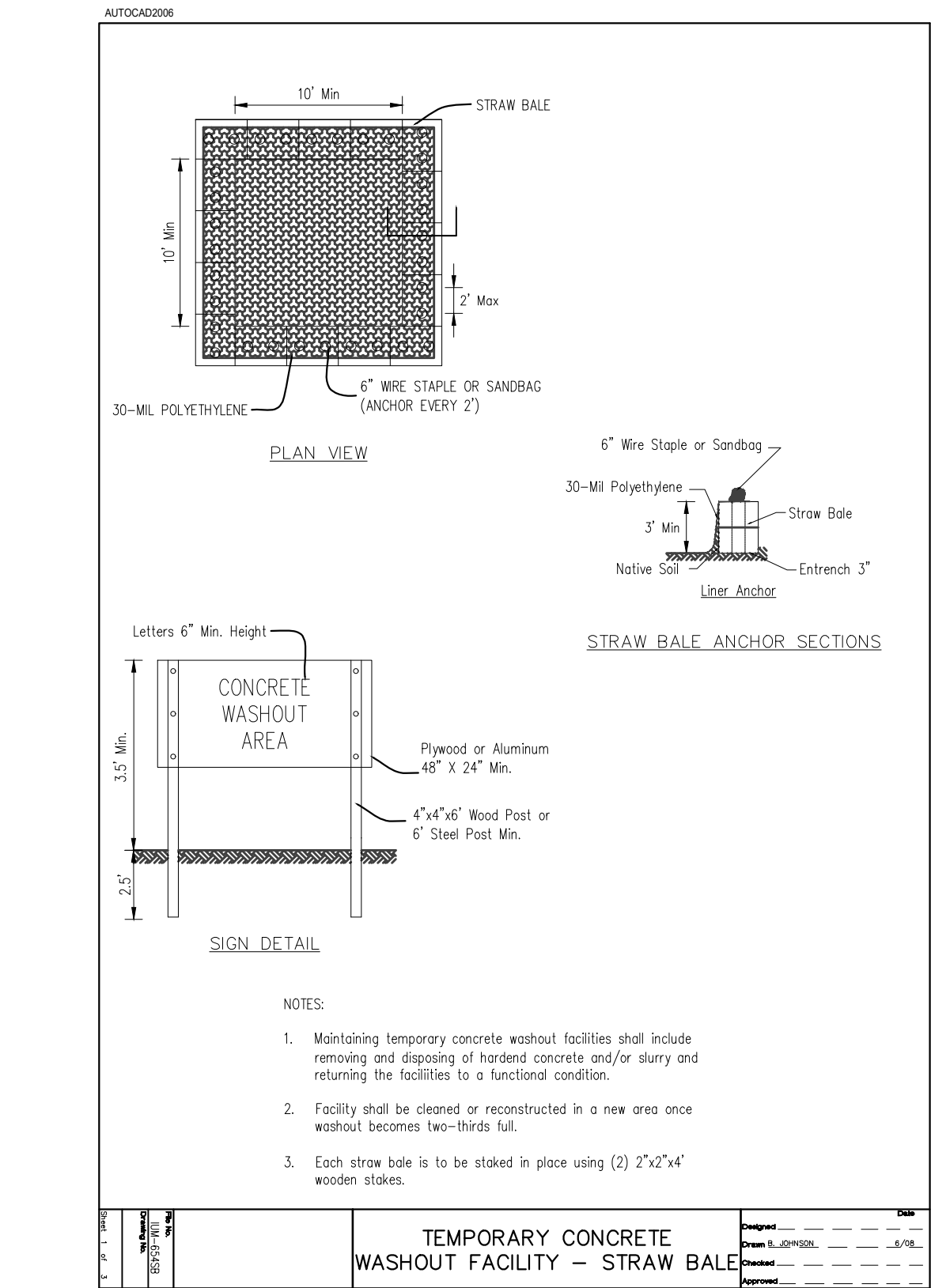
1183

SHEET TITLE

Landscape
Plan - Seed
Mix

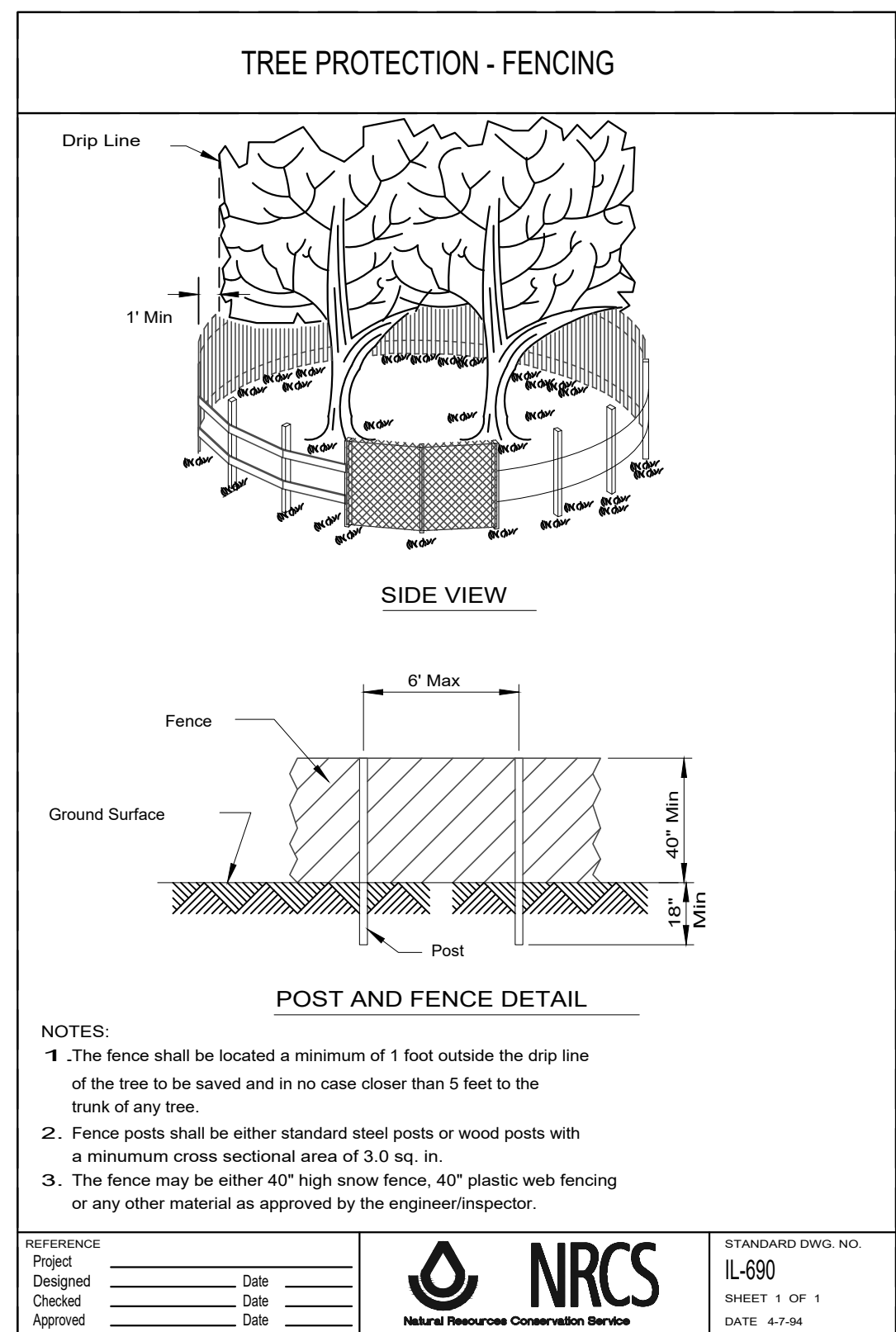
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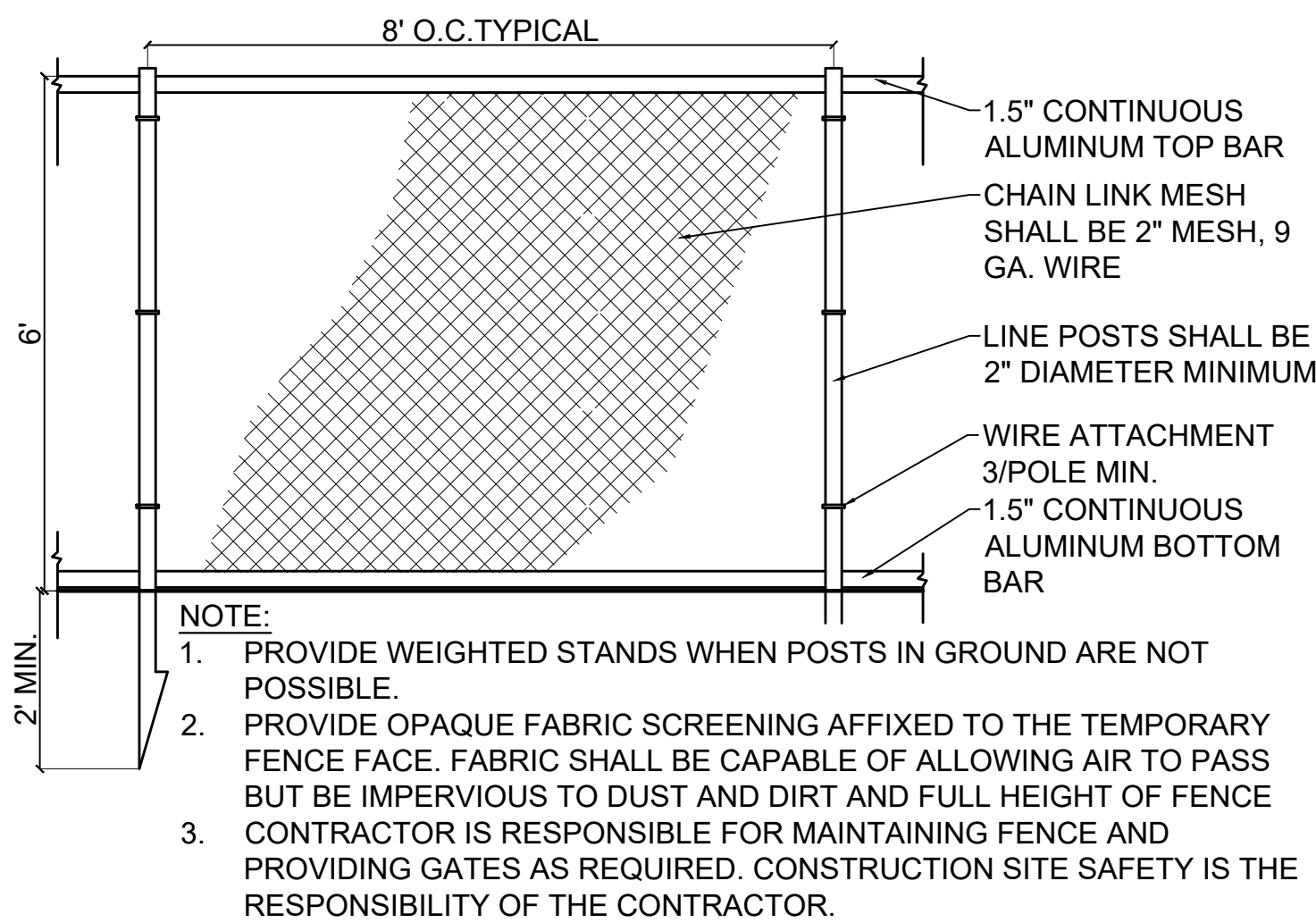
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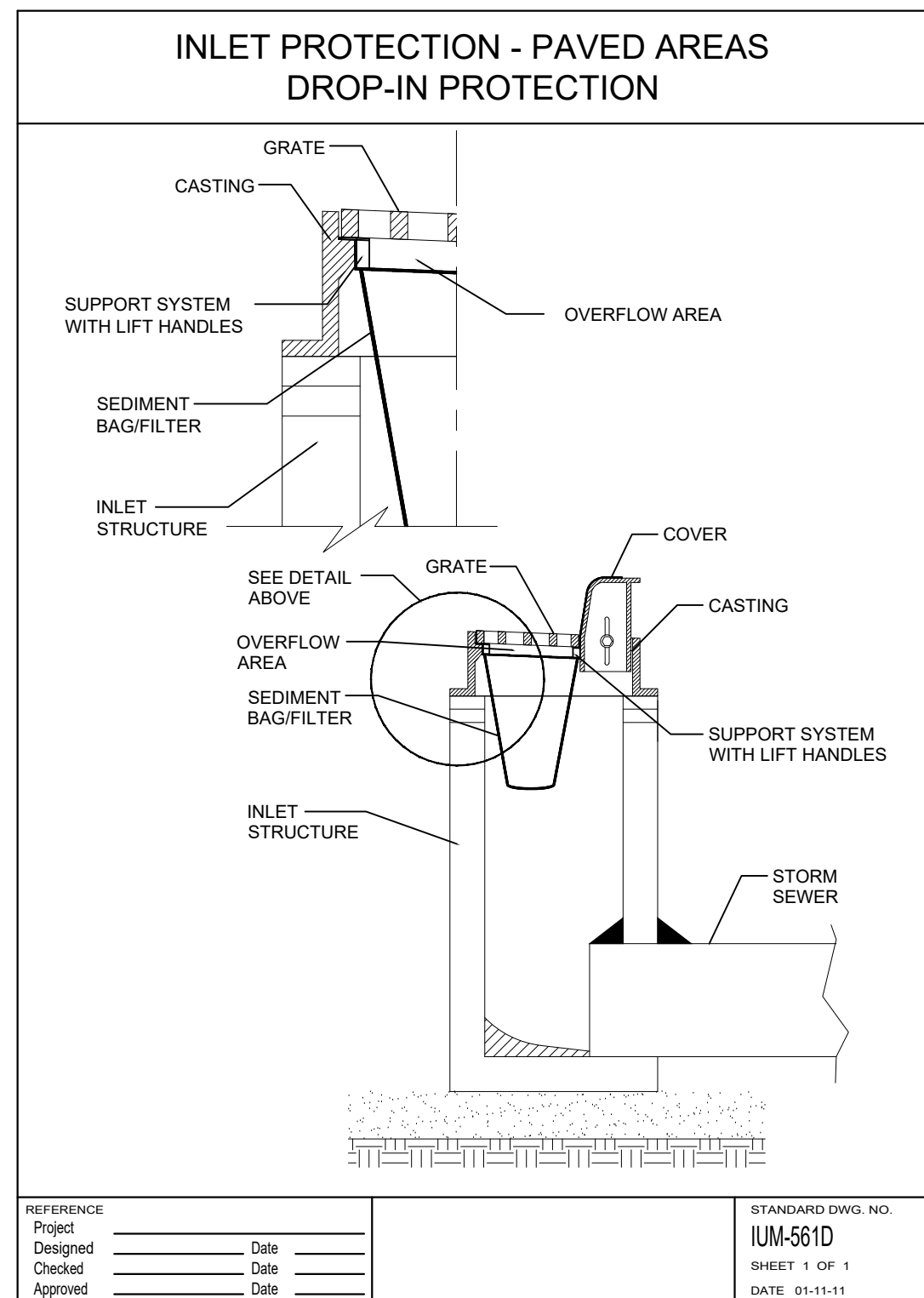
2 Tree Protection Fence

SCALE: NTS



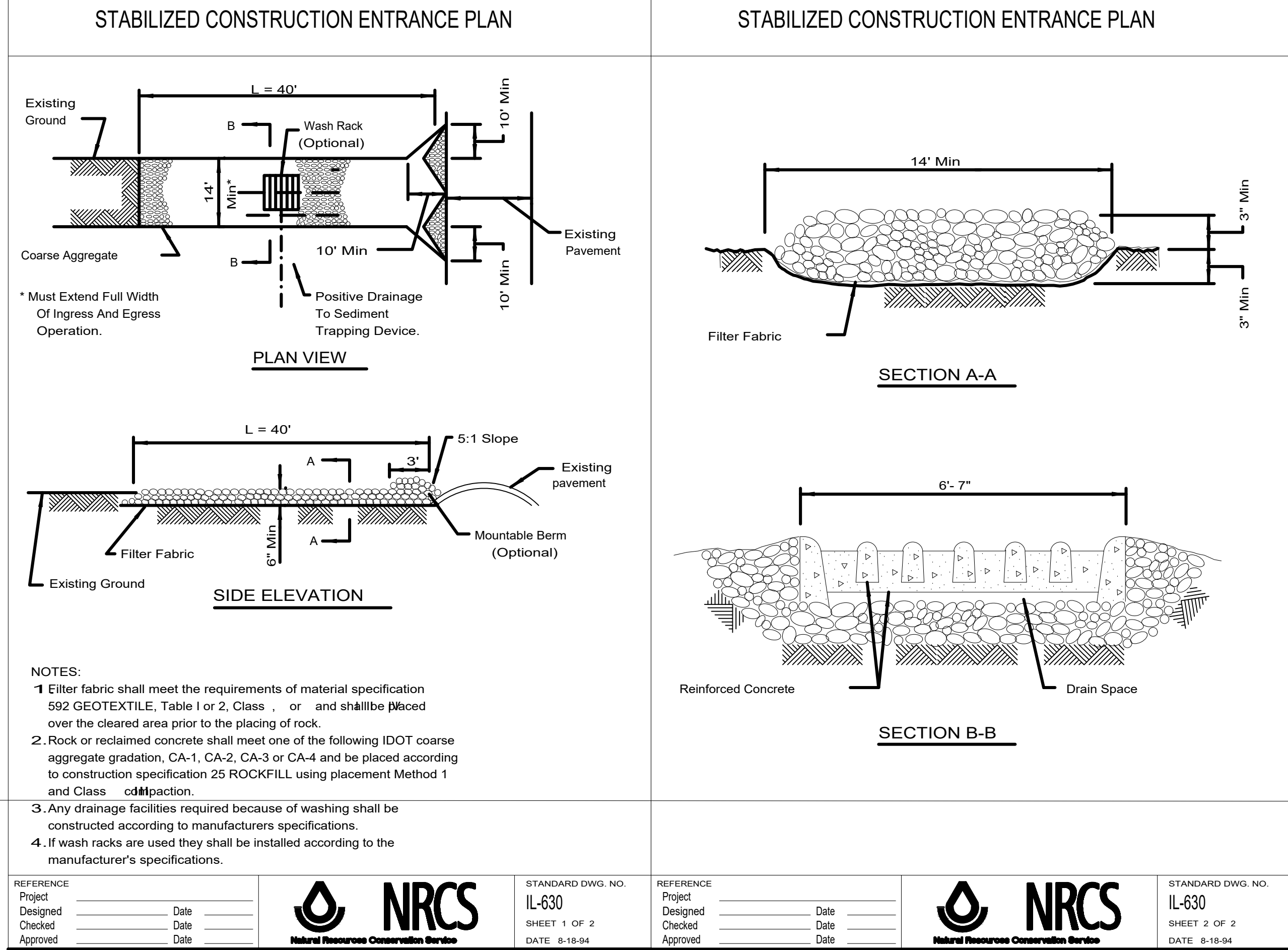
3 6' High Construction Fence

SCALE: 1/2"=1'-0"



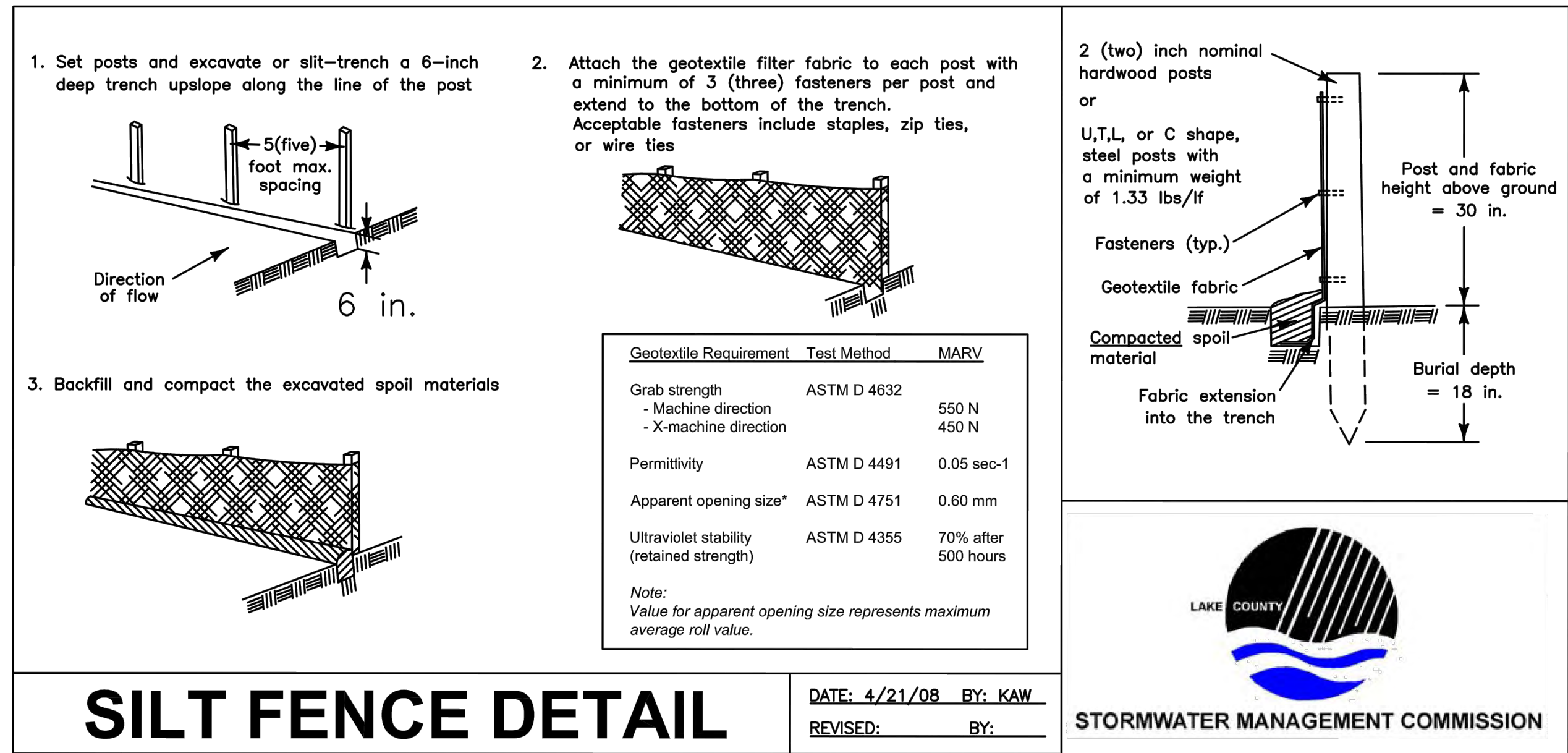
4 Inlet Protection

SCALE: NTS



5 Stabilized Construction Entrance

SCALE: NTS



6 Silt Fence

SCALE: NTS



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PROJECT Parkchester Park OSLAD Grant Development

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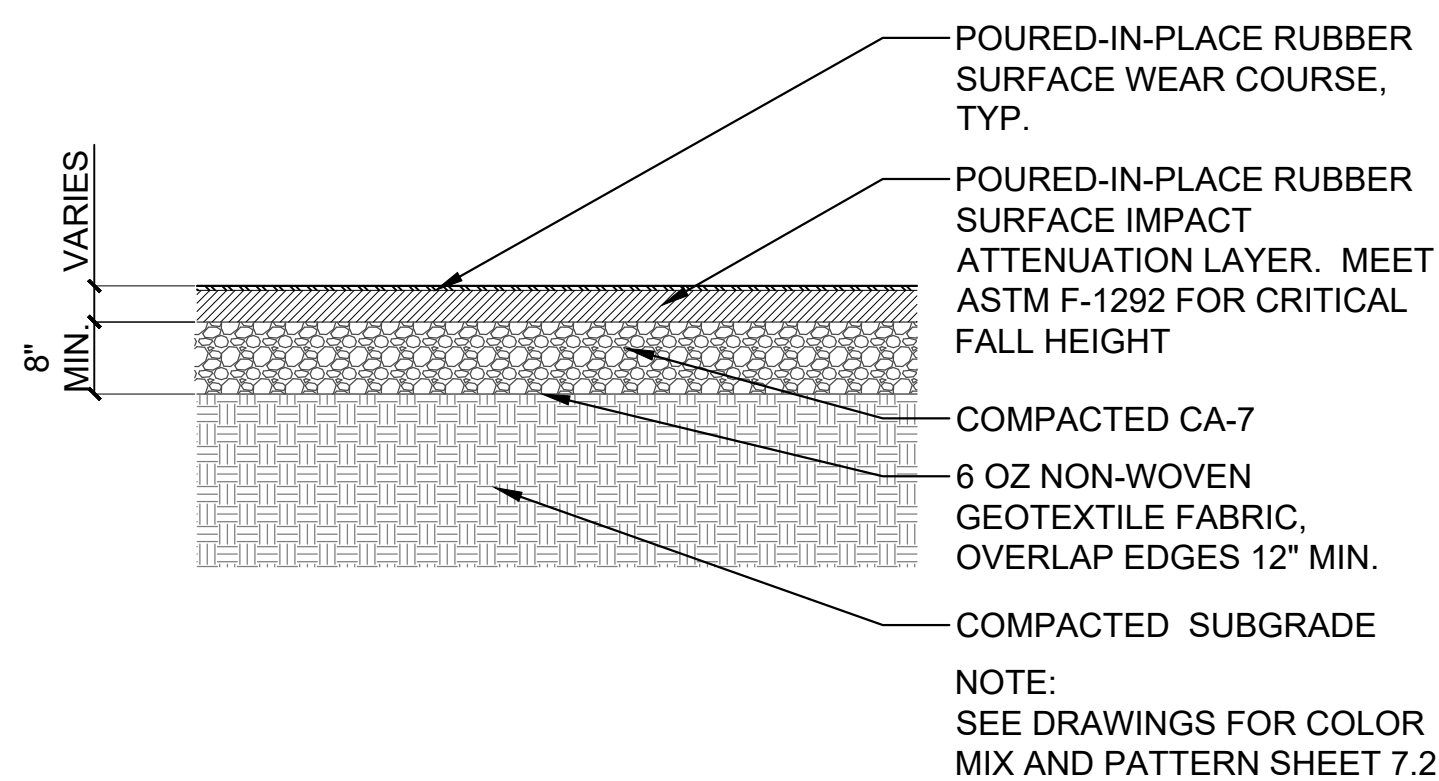
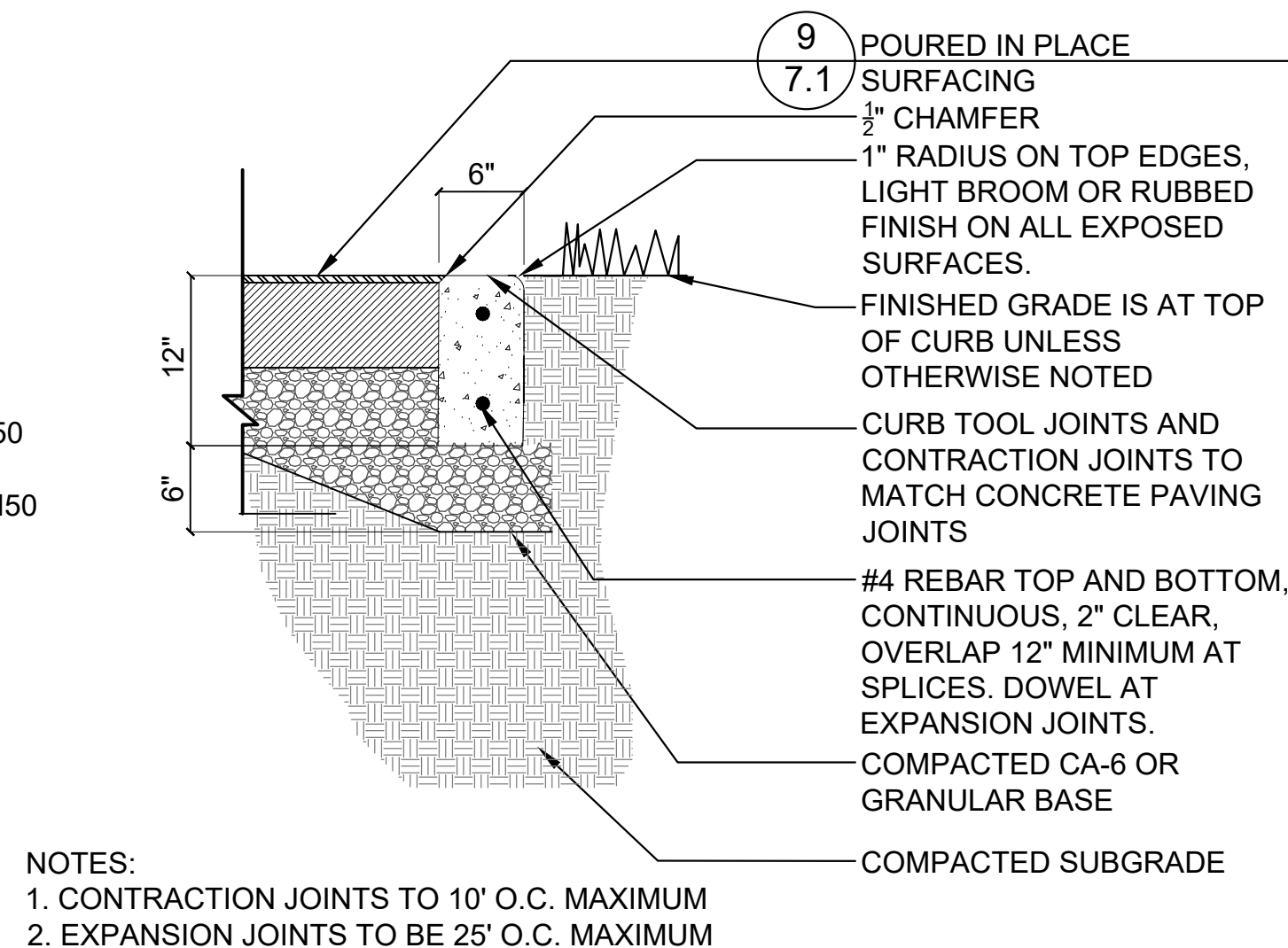
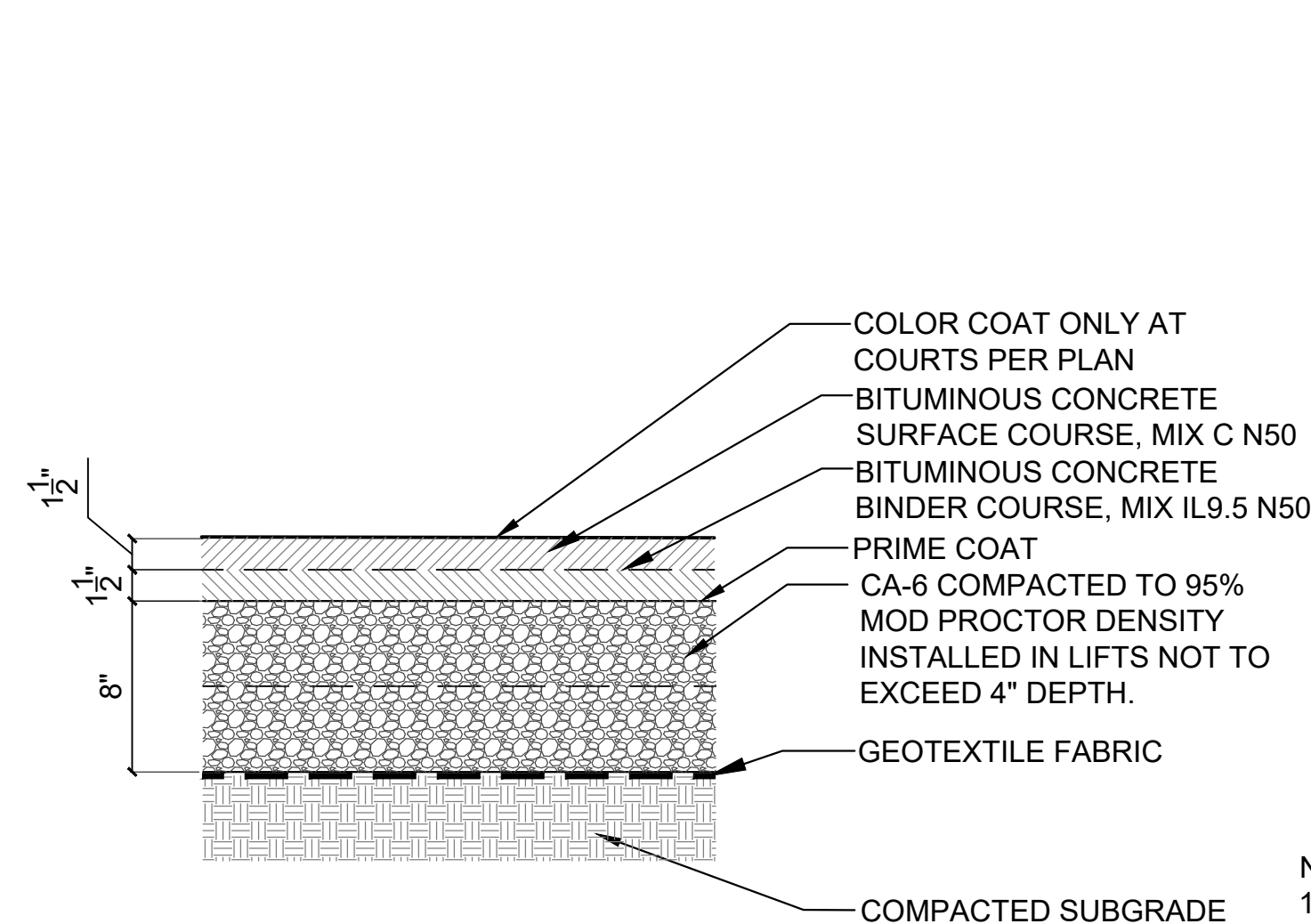
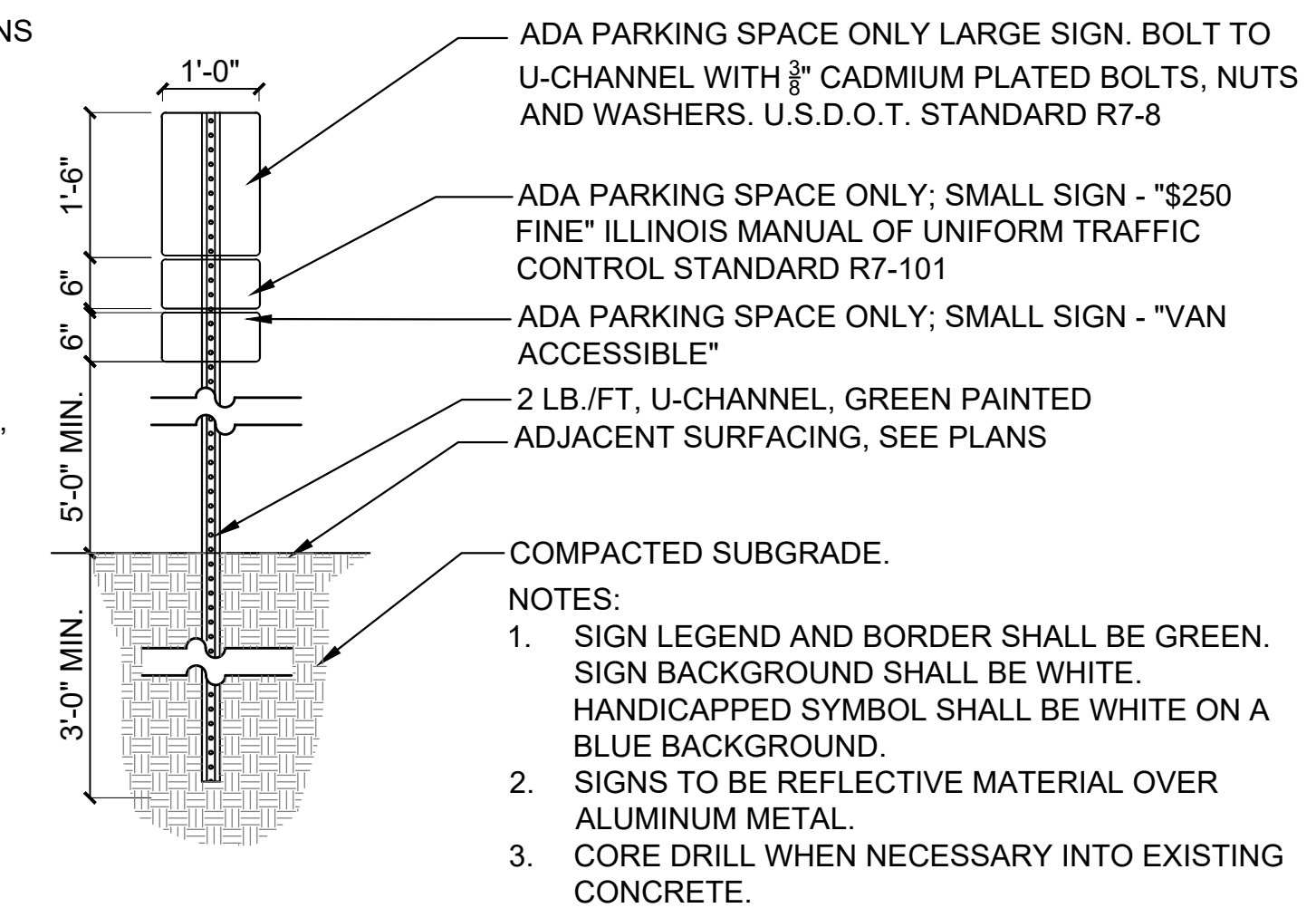
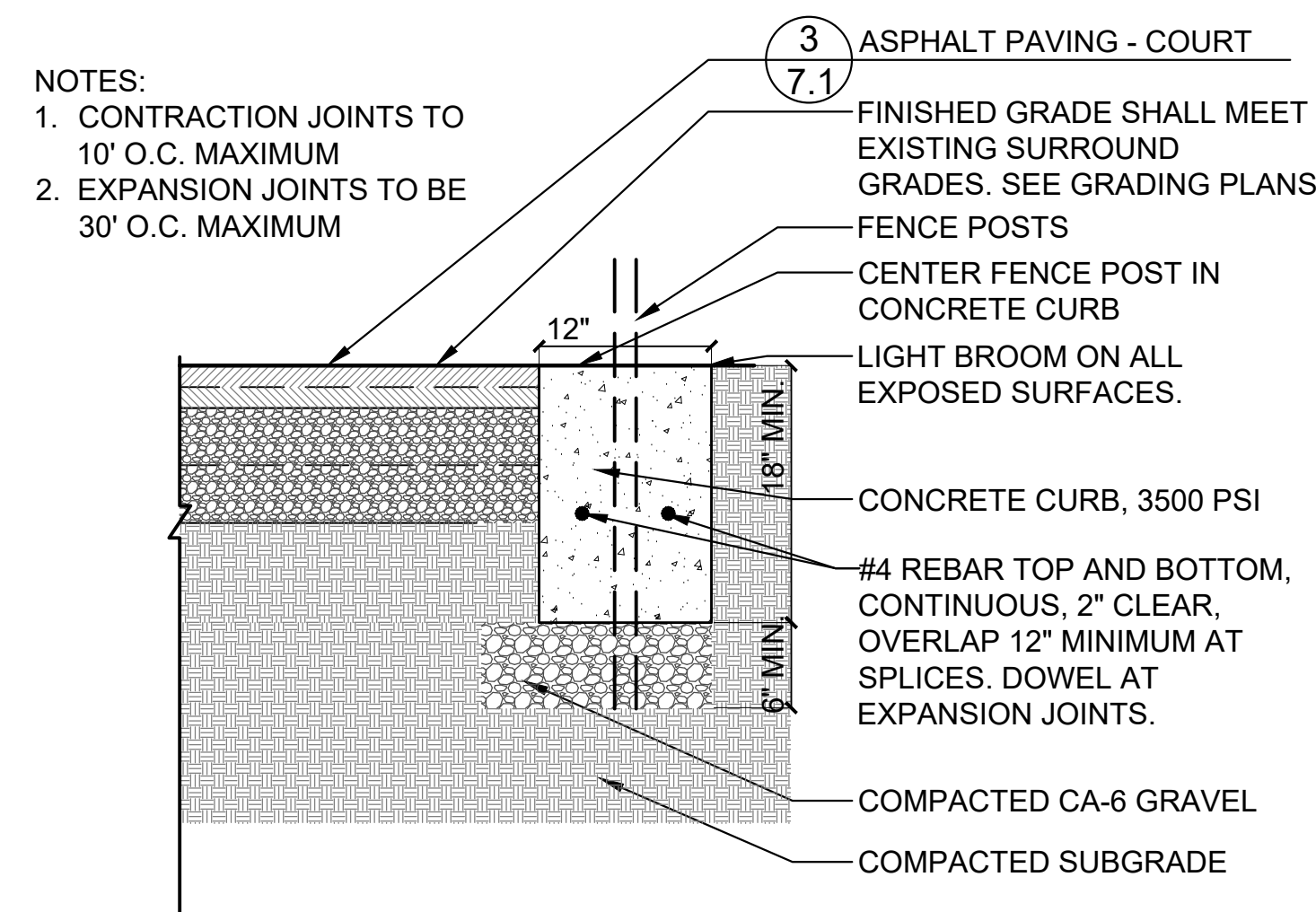
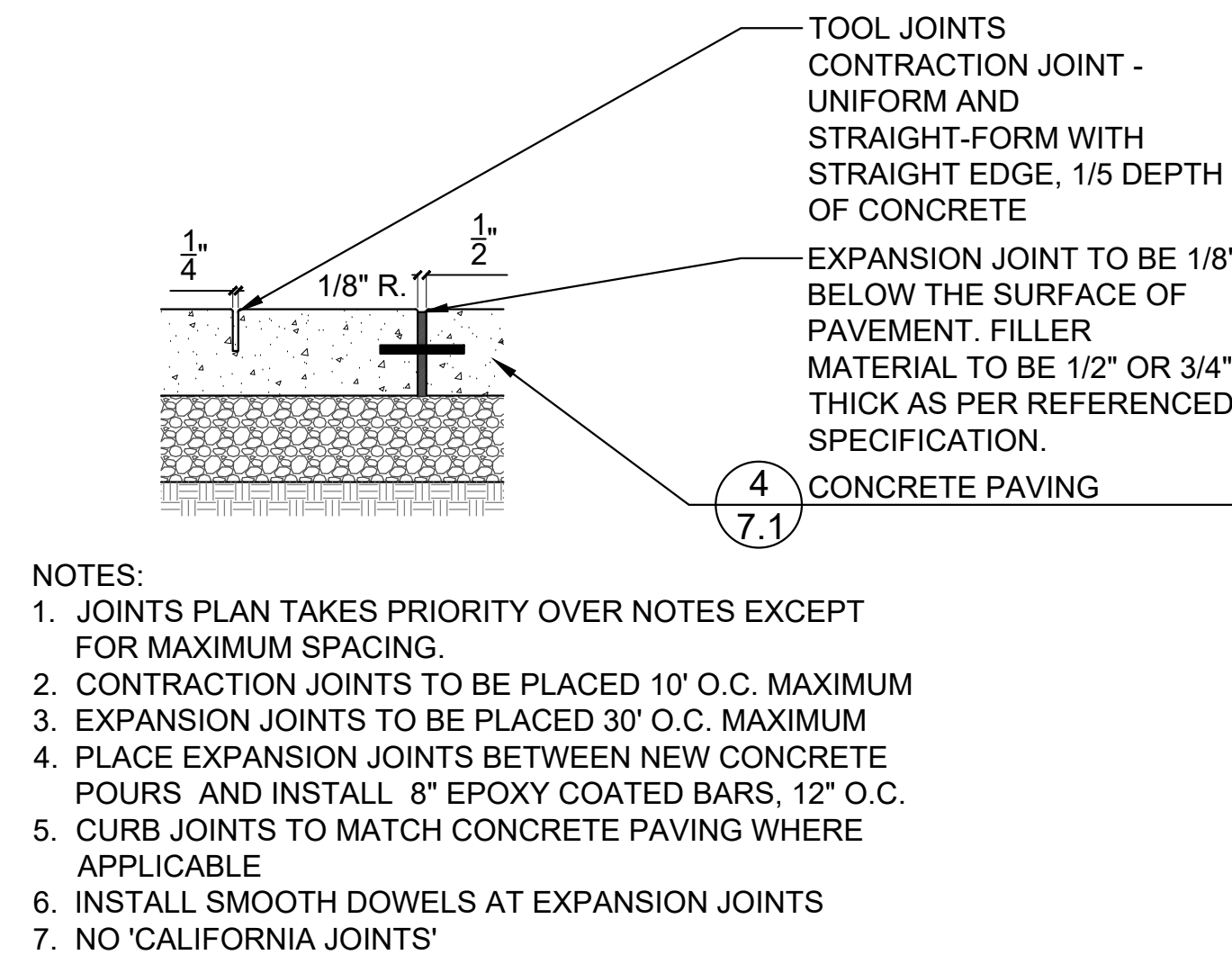
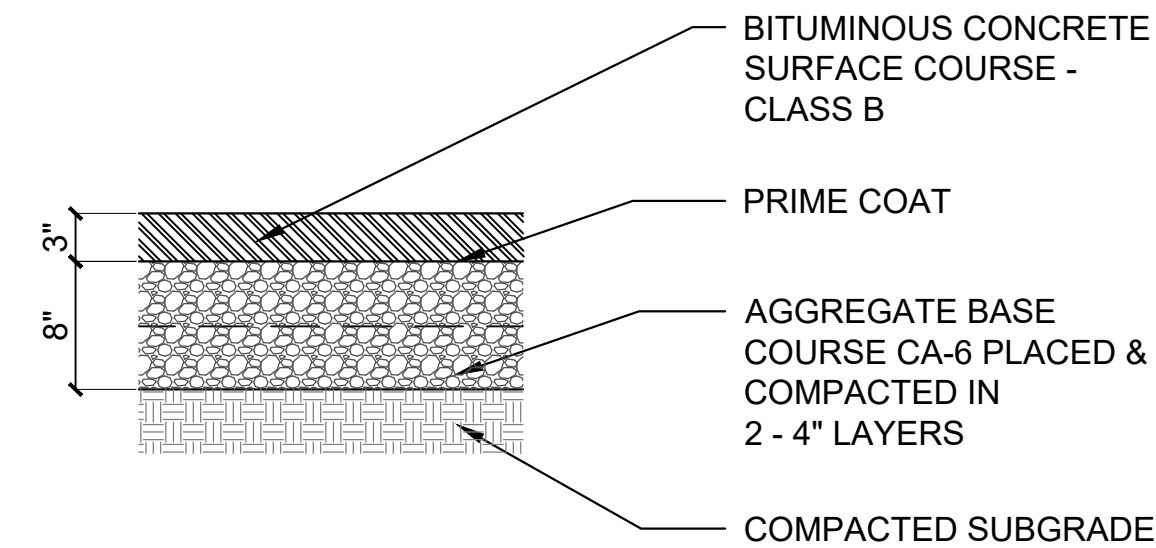
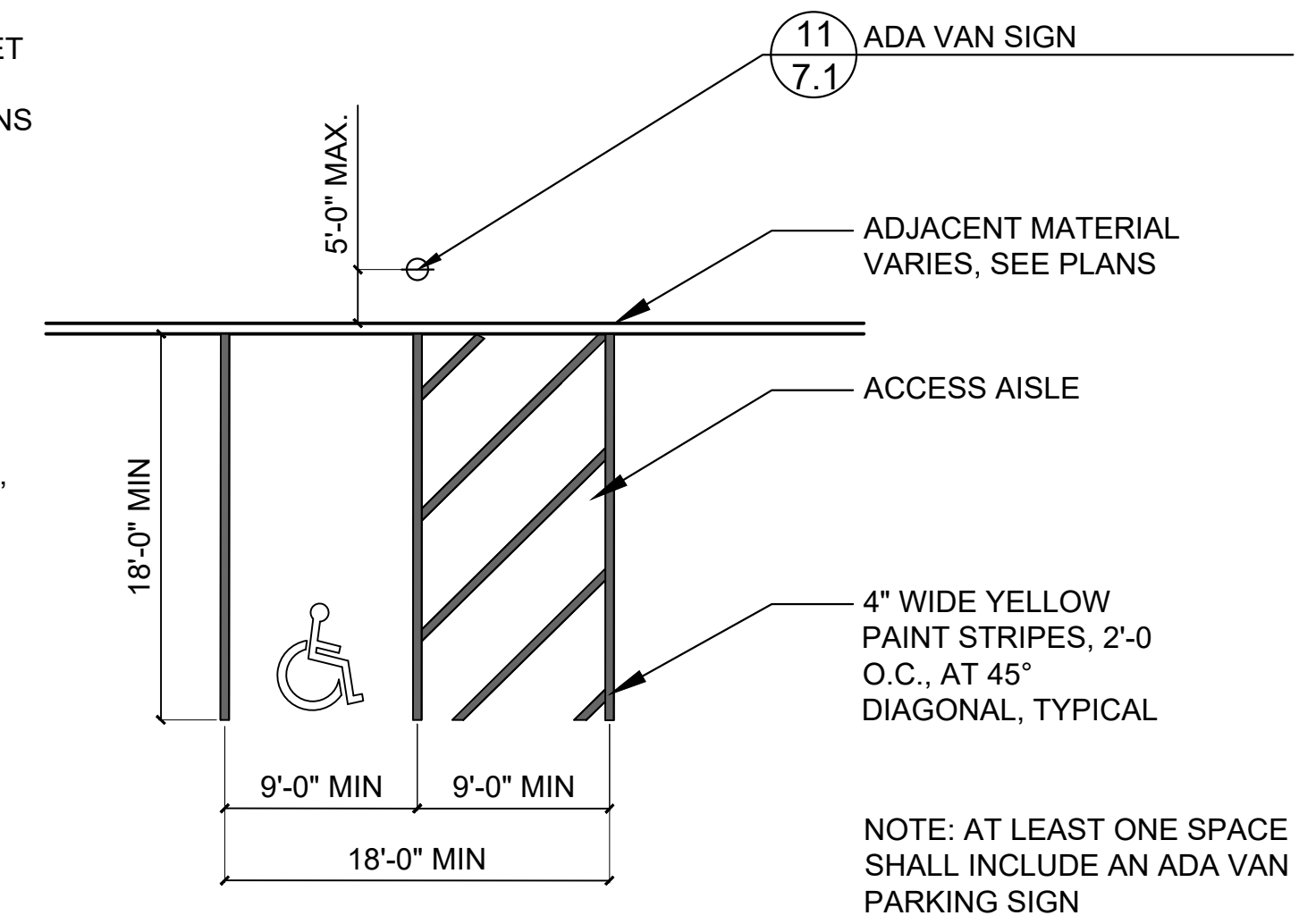
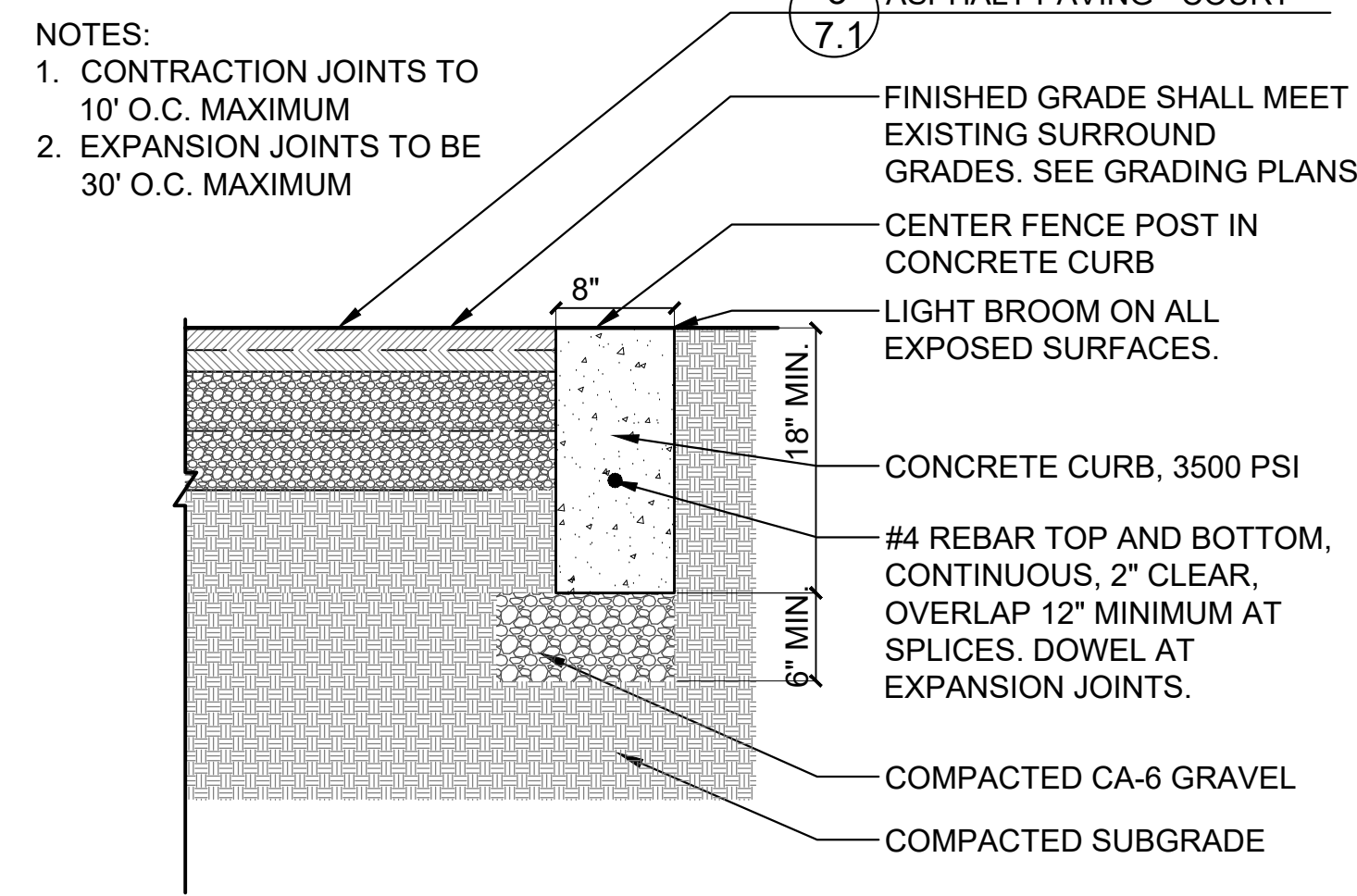
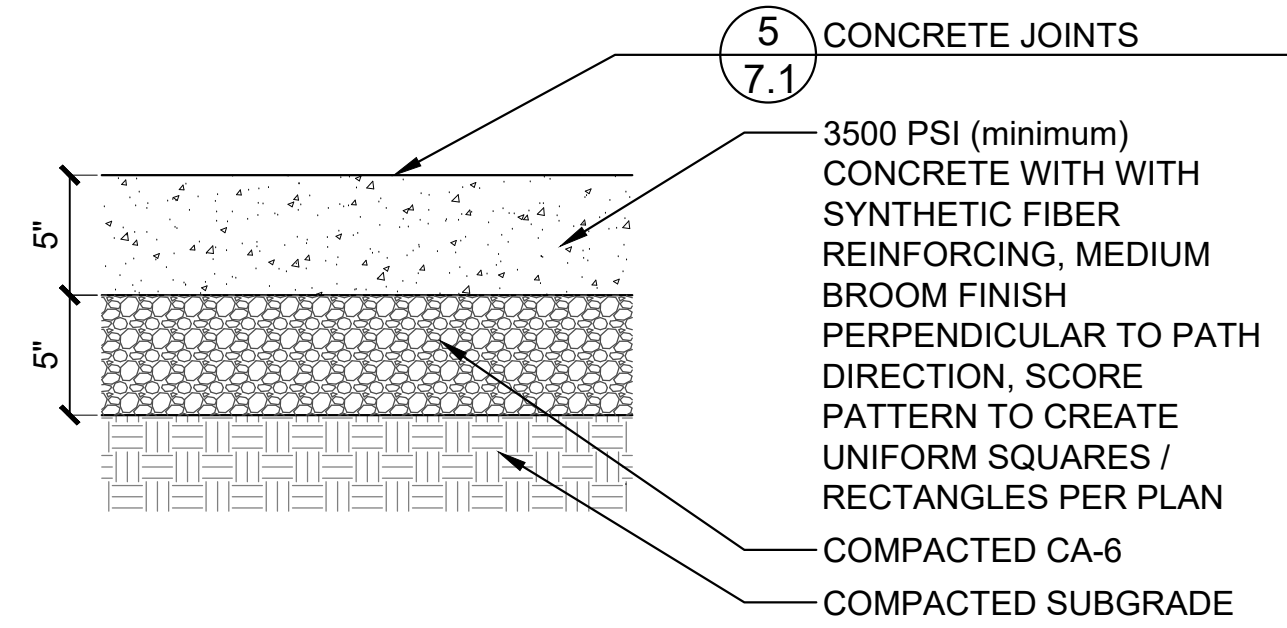
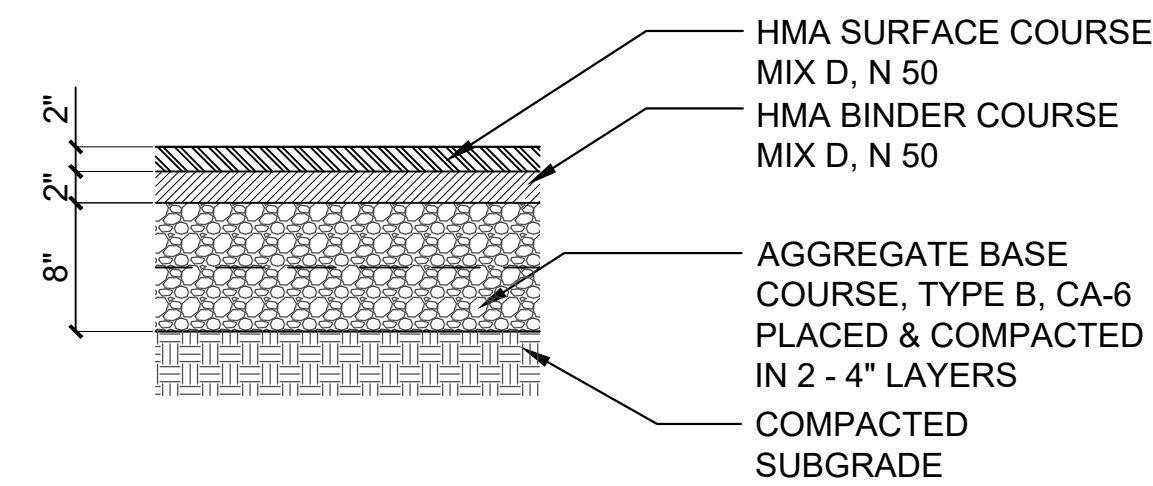
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SHEET TITLE

Construction Details

SHEET NUMBER

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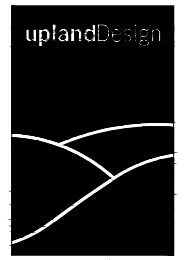


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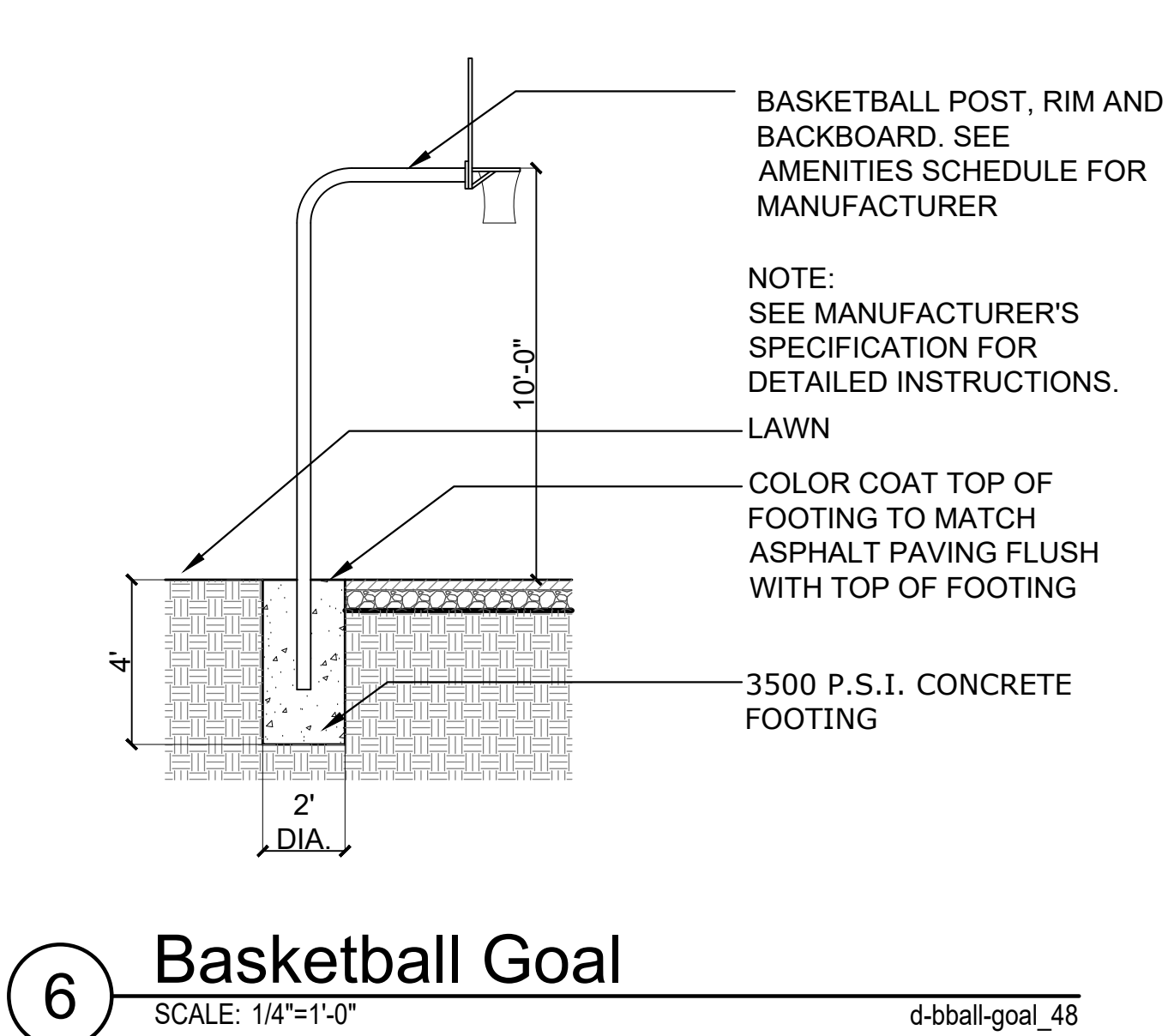
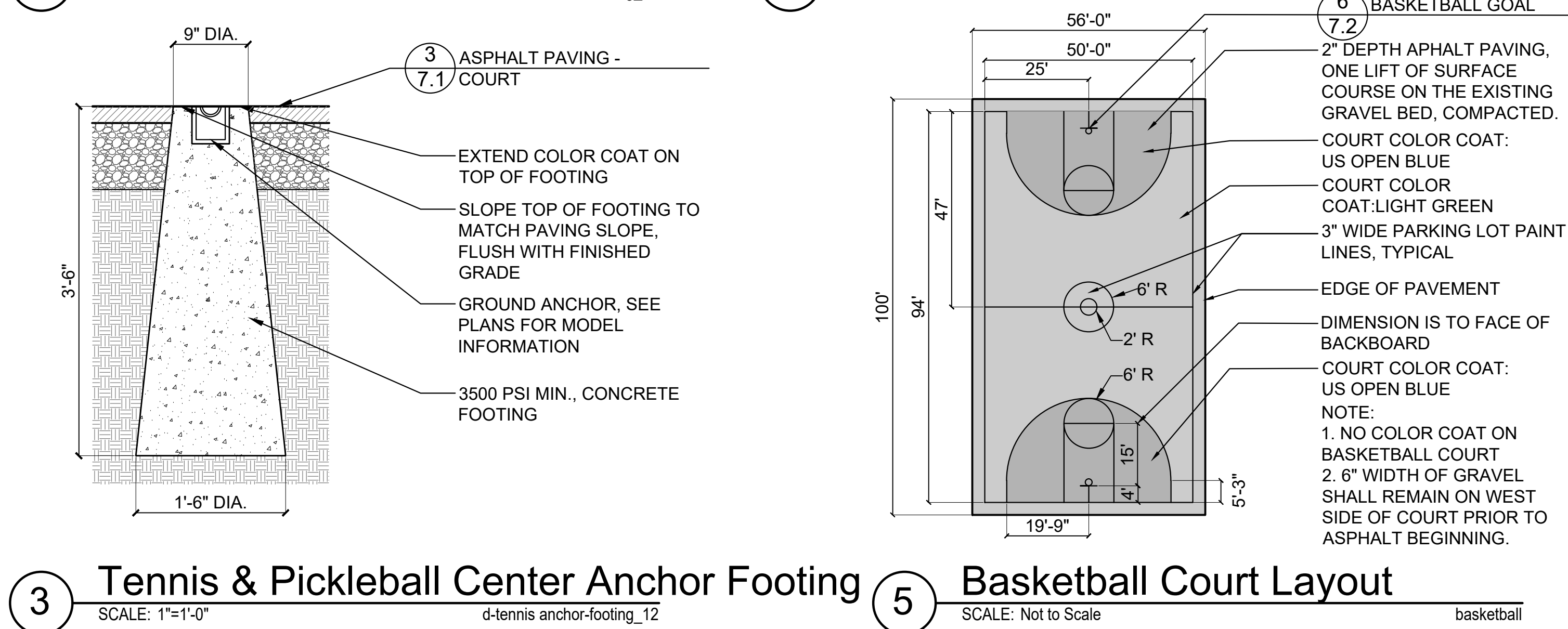
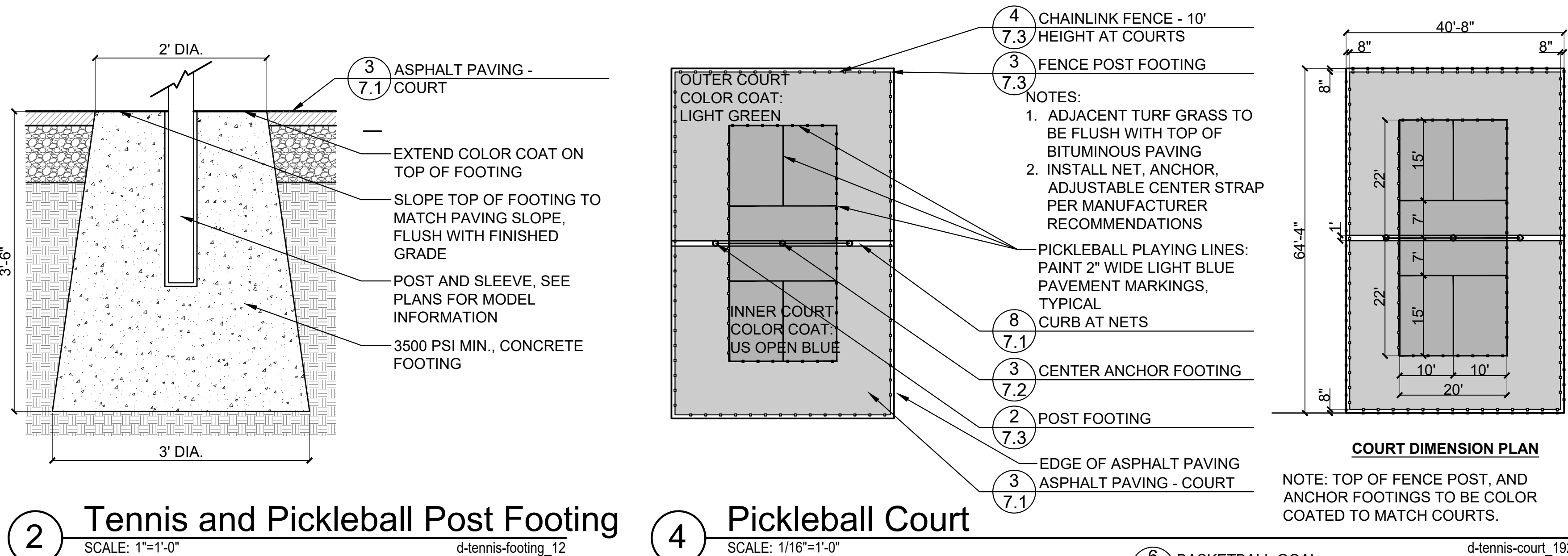
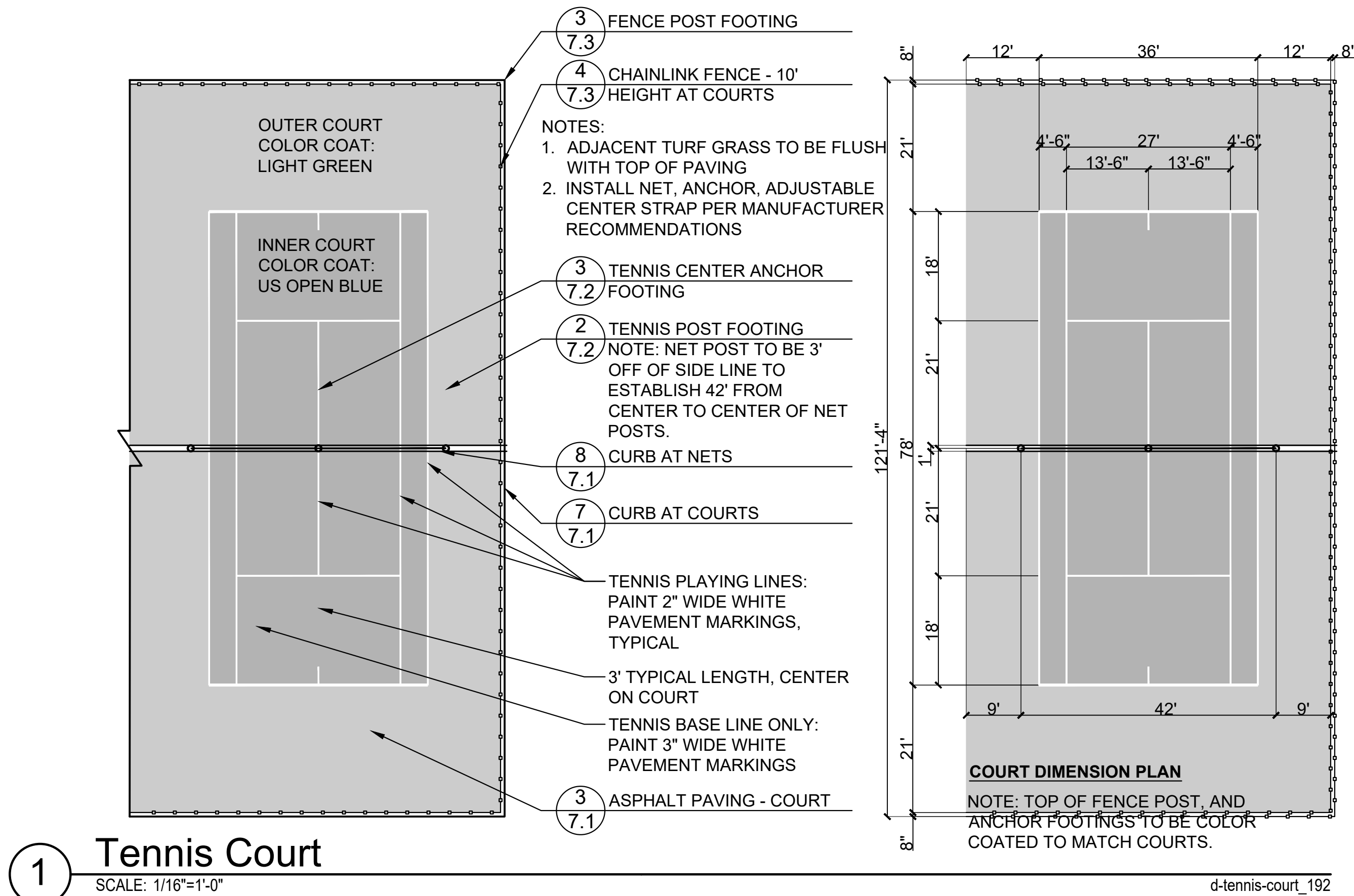
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SHEET TITLE

Construction Details

SHEET NUMBER



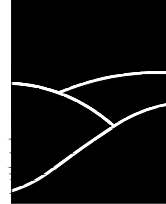
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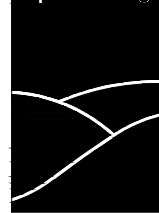
**Construction
Details**

SHEET NUMBER

7.2

Parkchester Park OSLAD Grant Development

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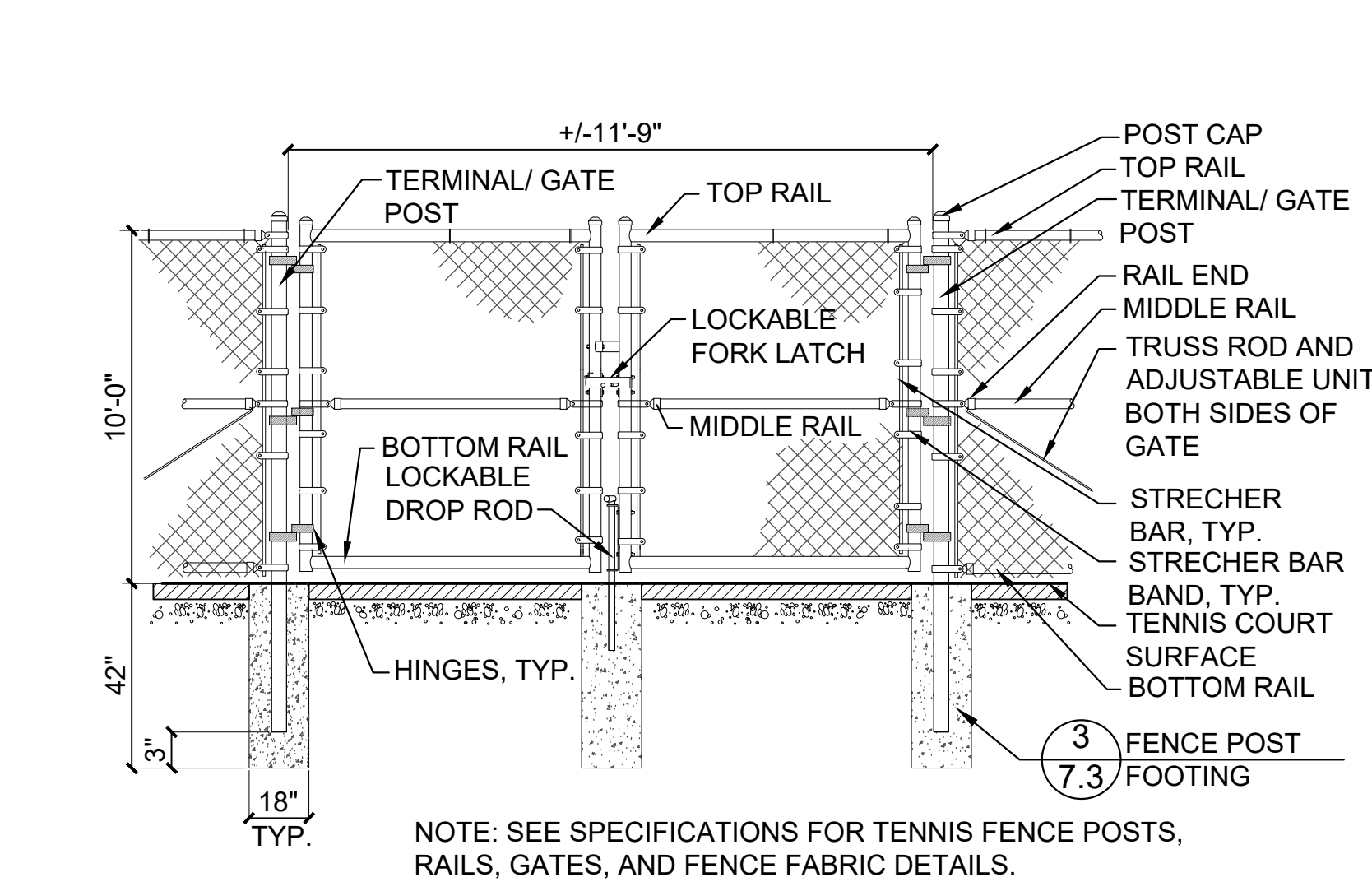
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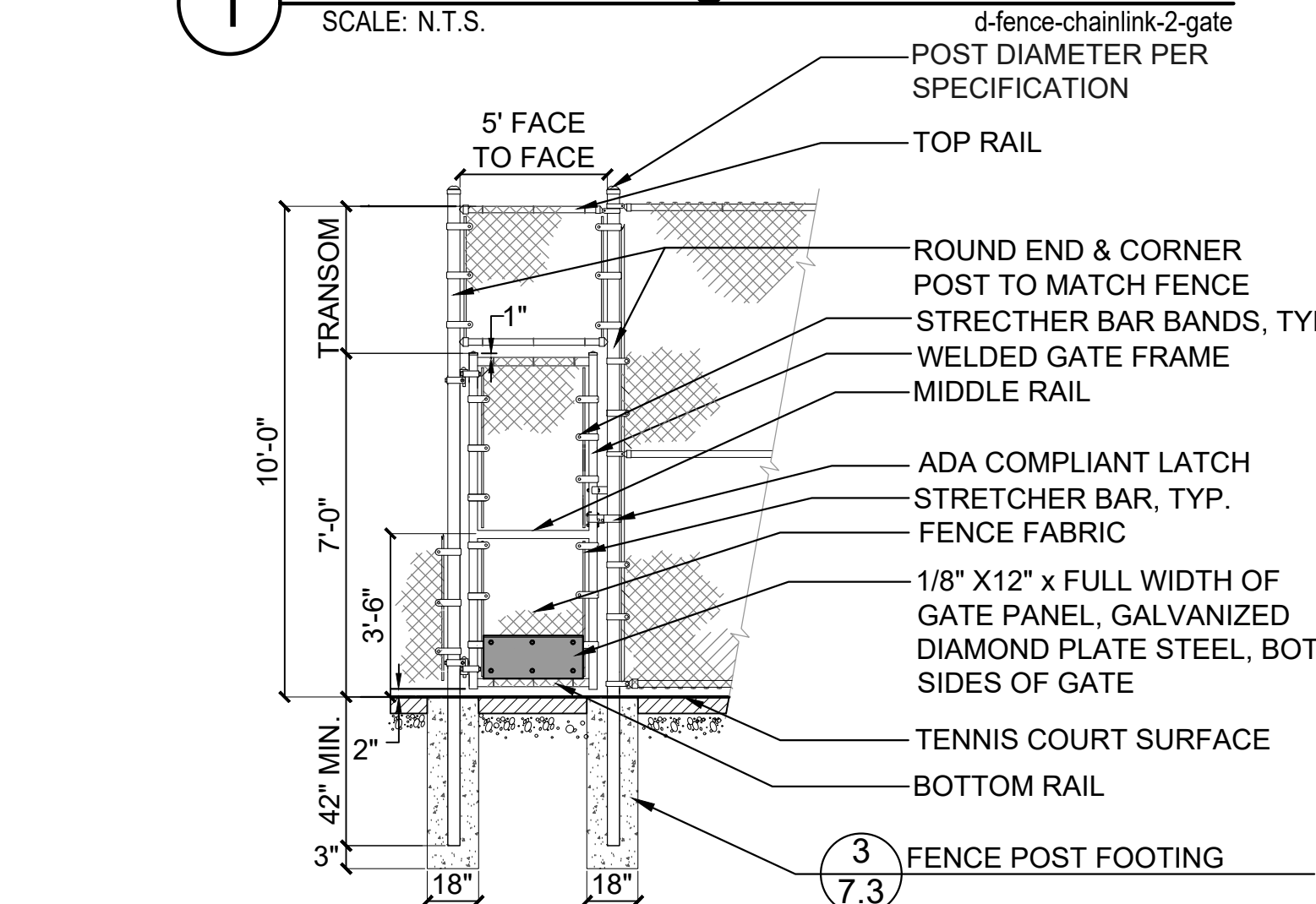
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Construction Details



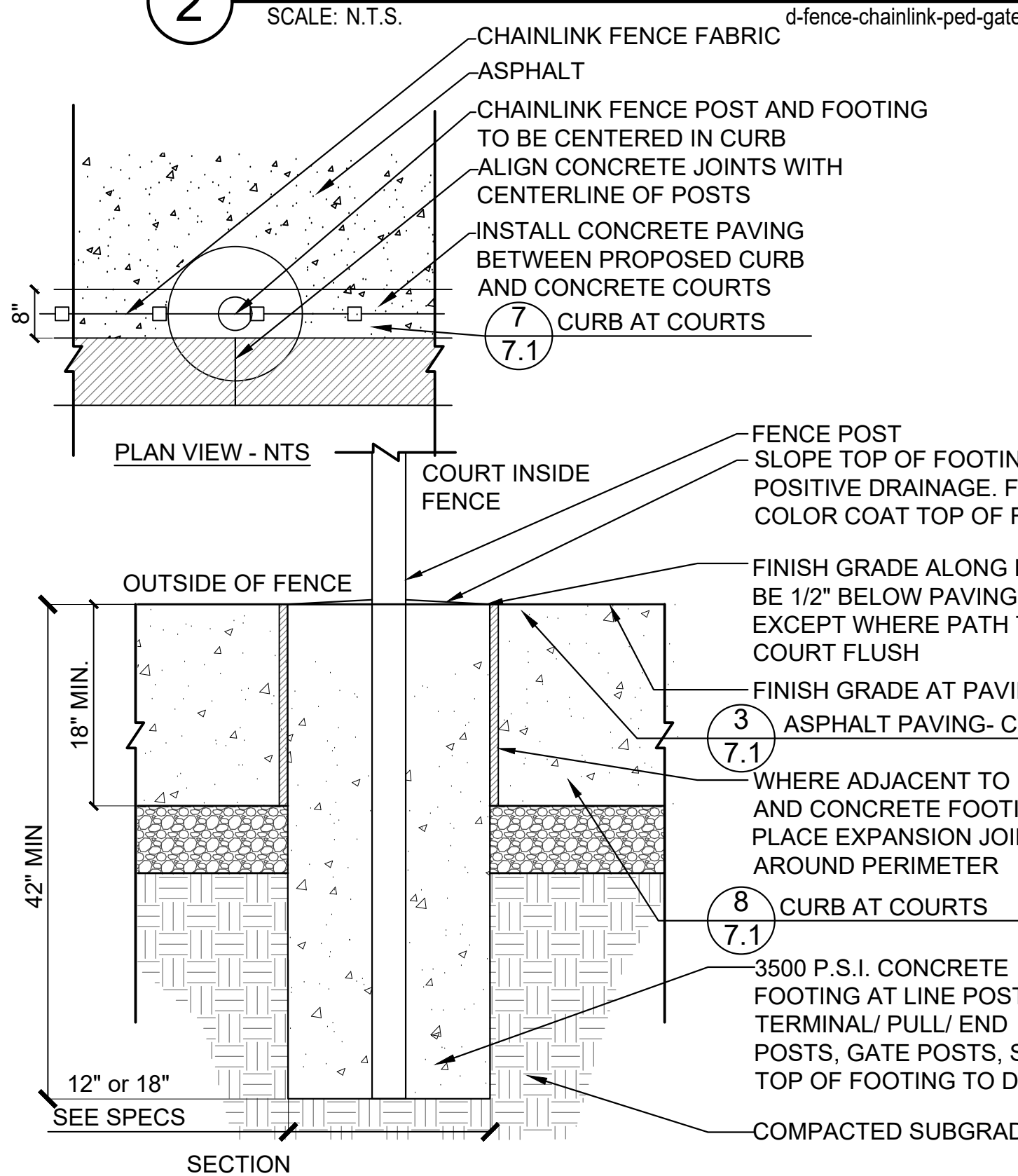
1 Double Swing Gate

SCALE: N.T.S.



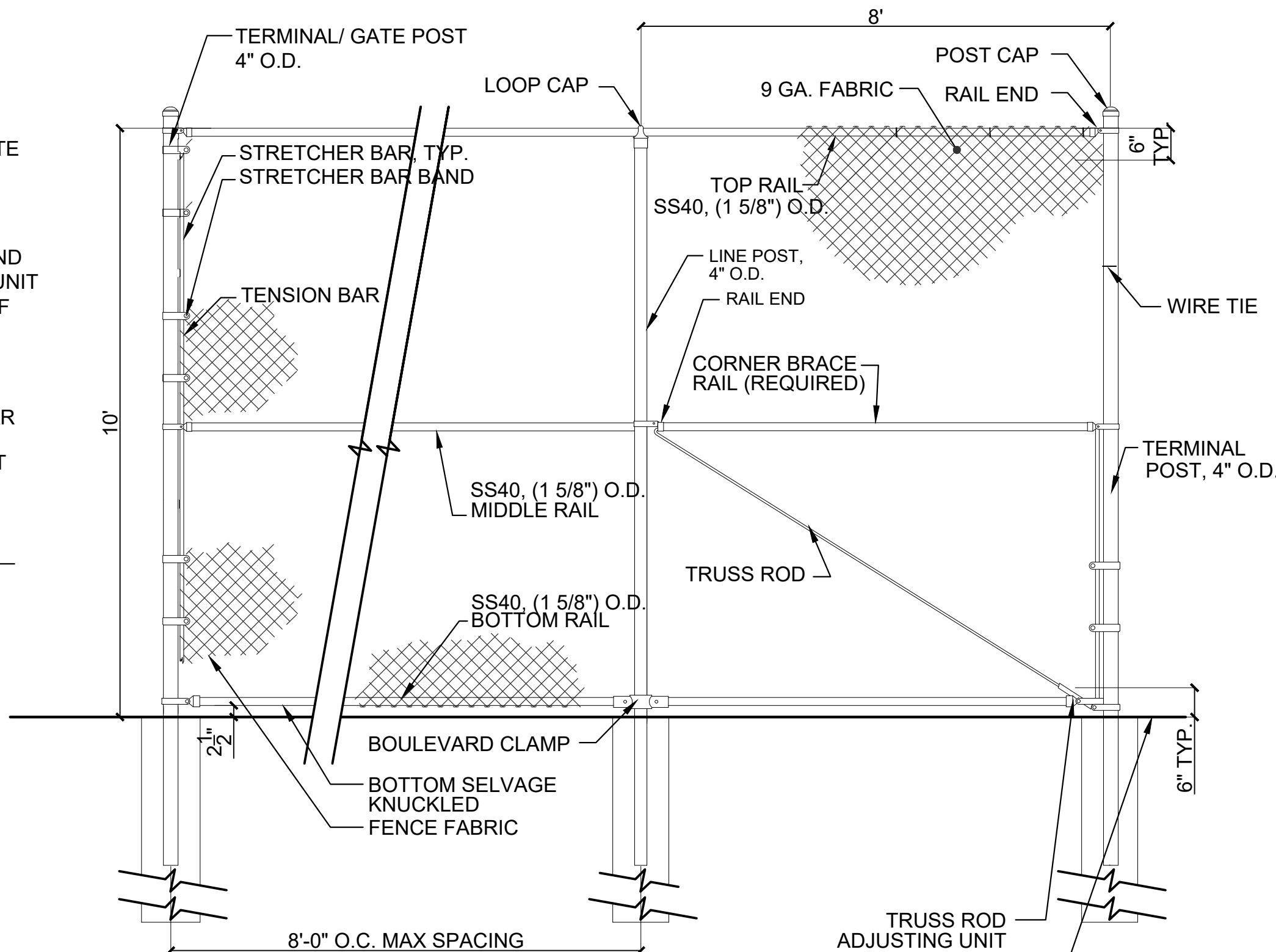
2 Pedestrian Swing Gate

SCALE: N.T.S.



3 Fence Post Footing

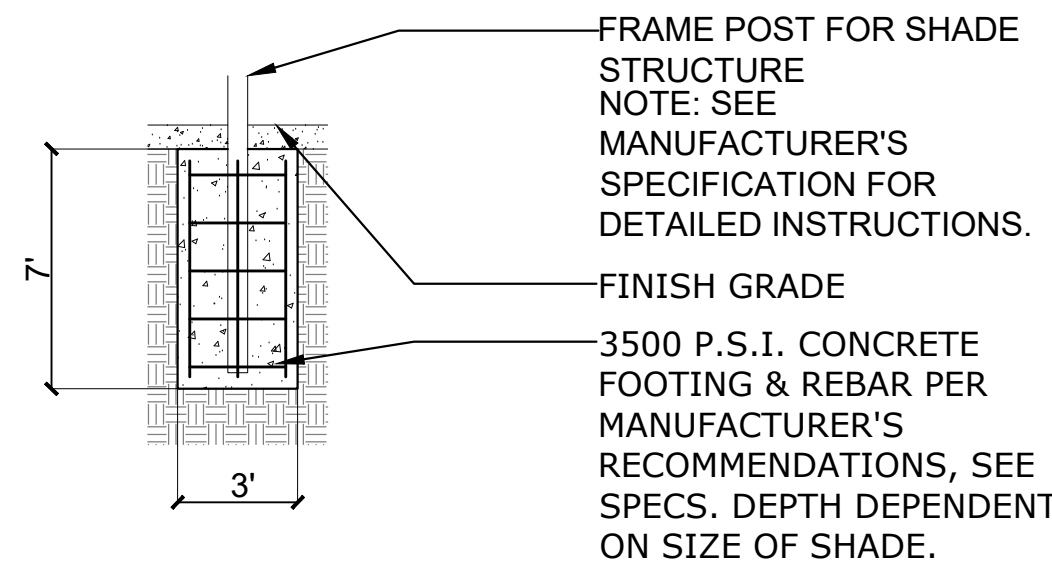
SCALE: 1"=1'-0"



4 Chainlink Fence - 10' Height at Courts

SCALE: 1/2"=1'-0"

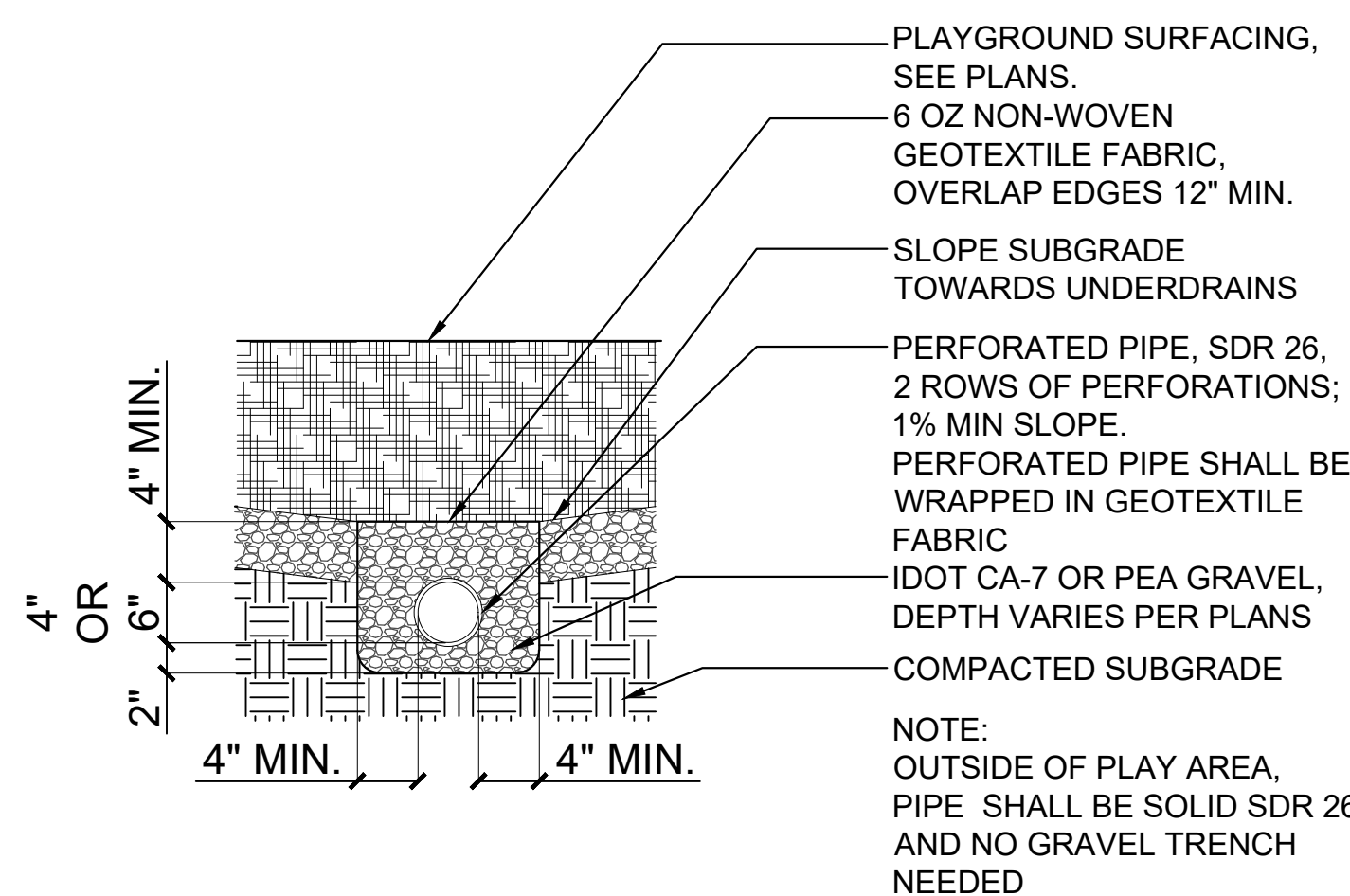
d-fence-chainlink-gate 10'_24.dwg



5 Shade Structure Footing-Single

SCALE: 1/4"=1'-0"

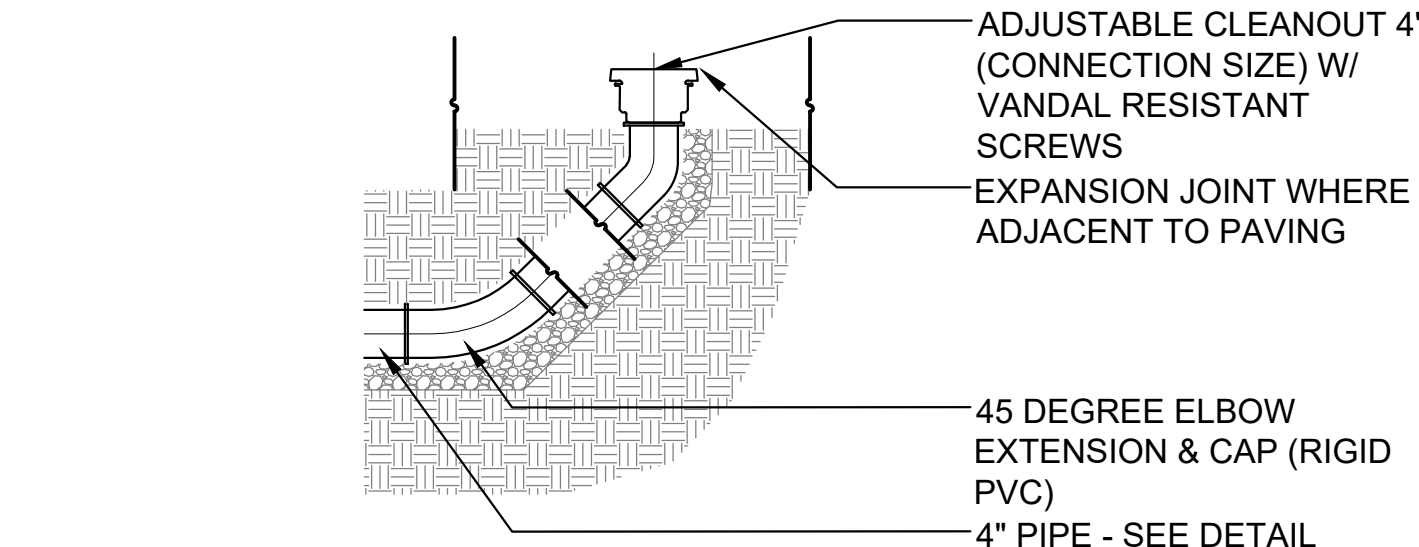
d-shadepostfooting_48



6 Playground Underdrainage

SCALE: 1"=1'-0"

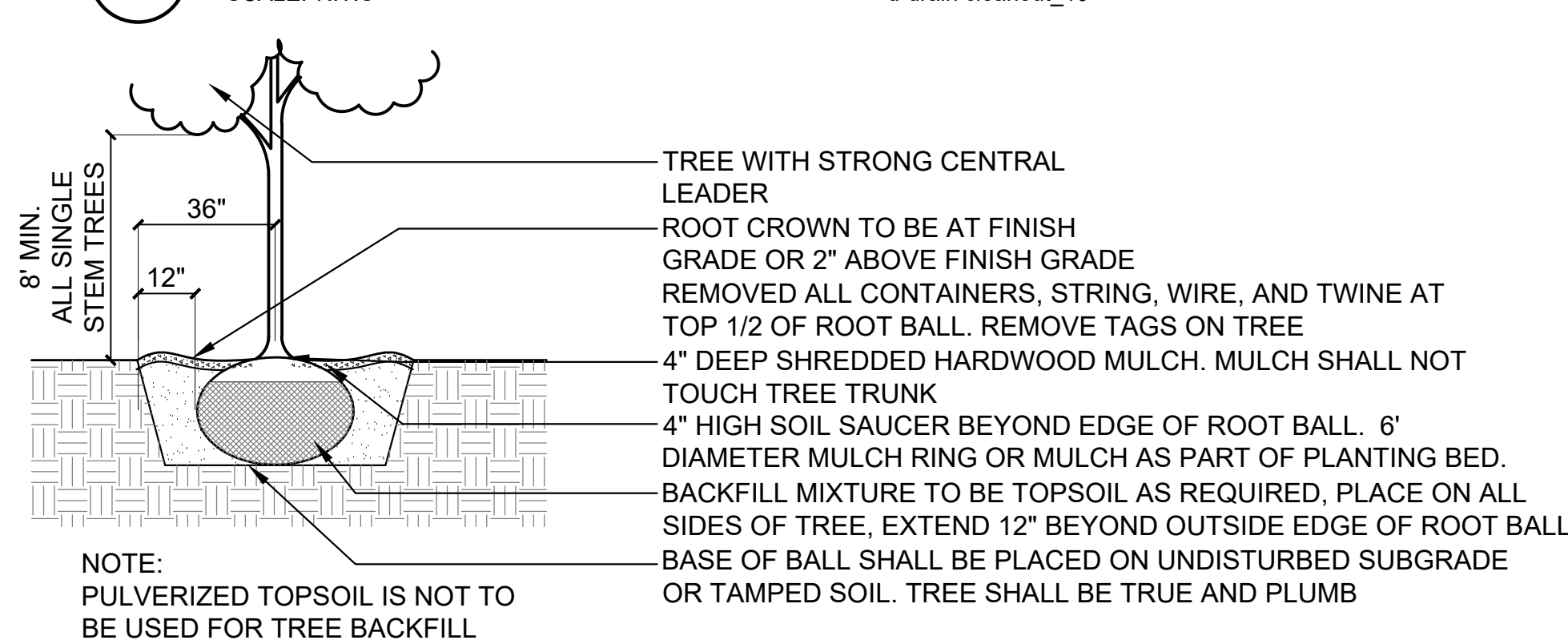
d-playground underdrainage_12



7 Drain Cleanout - PIP

SCALE: N.T.S.

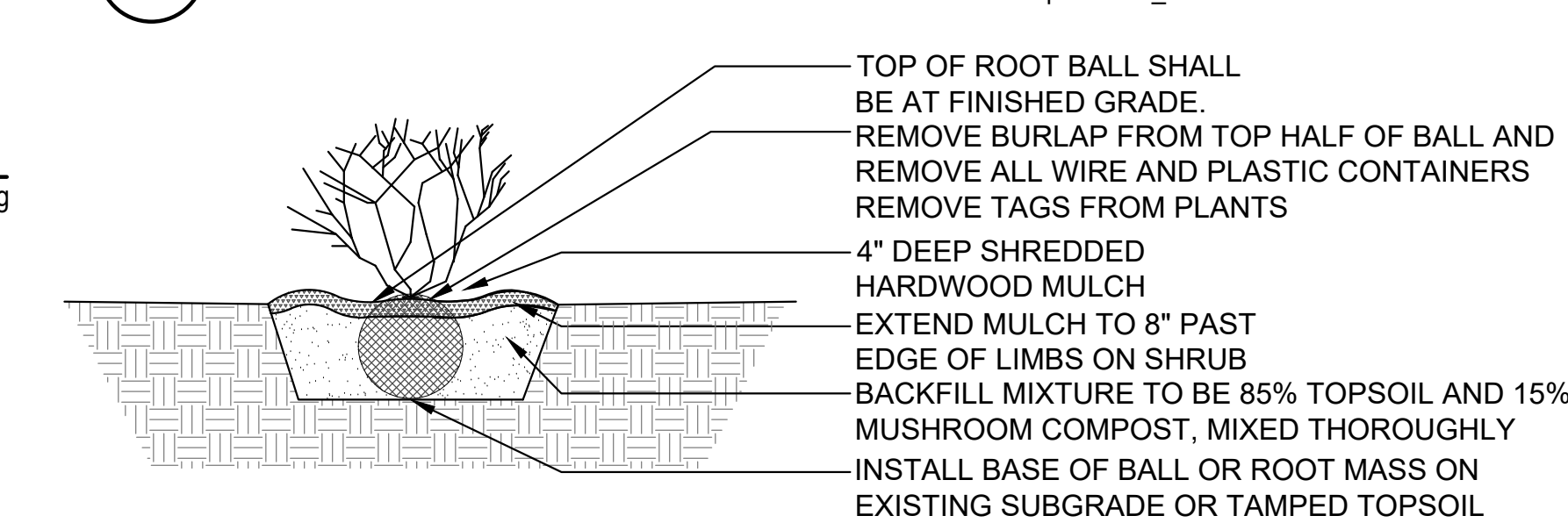
d-drain cleanout_16



8 Tree Installation

SCALE: N.T.S.

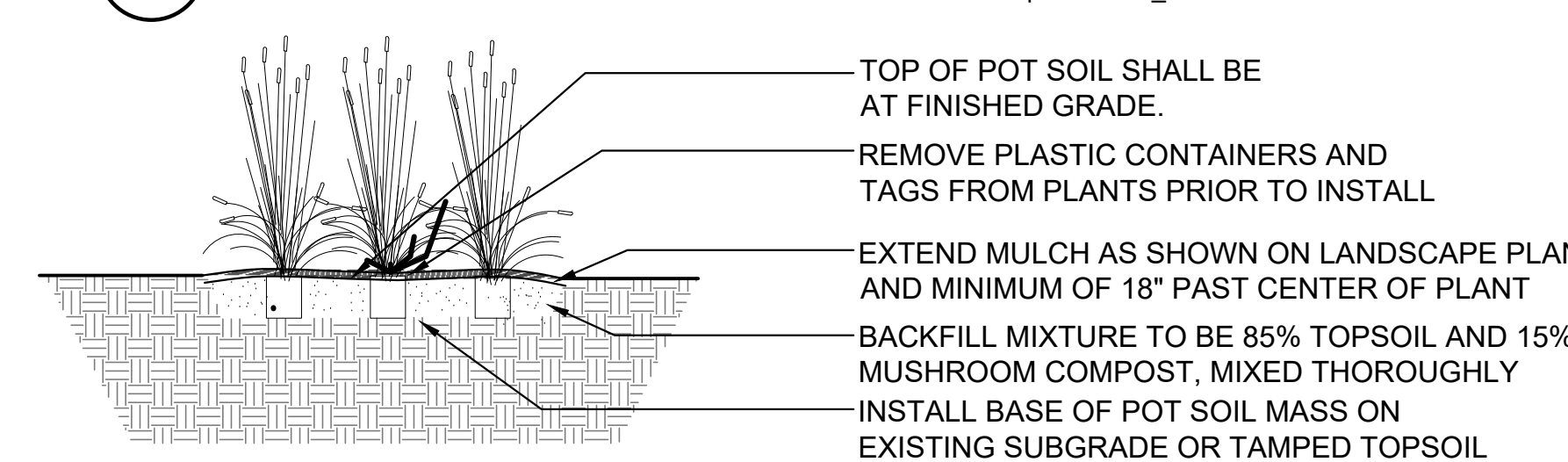
d-plant-tree_12



9 Shrub Installation

SCALE: N.T.S.

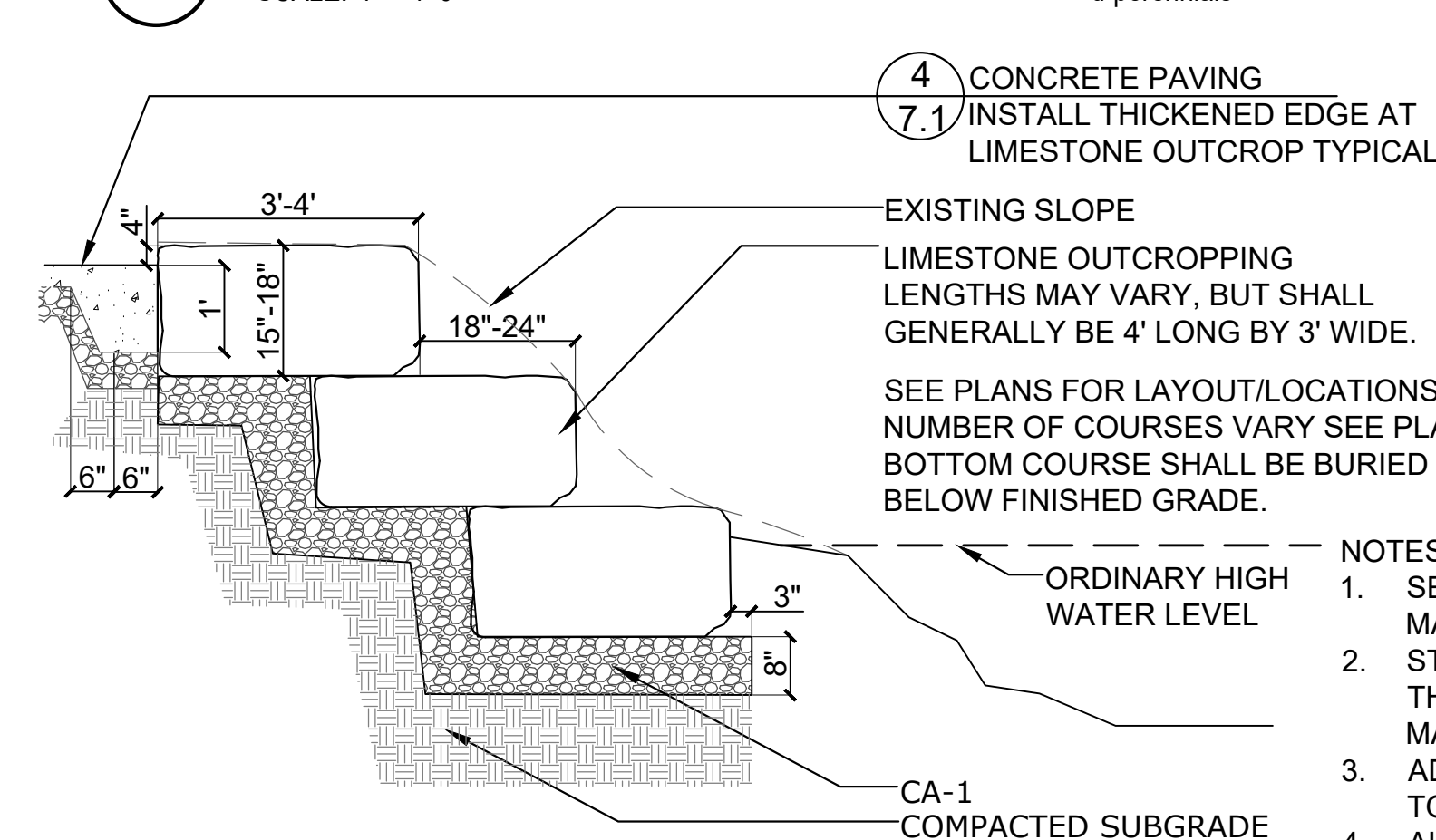
d-plant-shrub_12



10 Perennial & Ornamental Grass Installation

SCALE: 1"=1'-0"

d-perennials



NOTE:
FINISHED GRADES OF OUTCROPPINGS AT OR BELOW EXISTING SLOPE

11 Limestone Outcropping

SCALE: 1/2"=1'-0"

d-plant_3 limestone outcrop_16.dwg

530 Bernard Drive
Buffalo Grove, IL 60089
Phone: 847-692-5127

PROJECT
**Parkchester
Park OSLAD
Grant
Development**

851 Weiland Road
Buffalo Grove
Illinois 60089

PROJECT TEAM



uplandDesign Ltd

Landscape Architecture & Park Planning
Chicago, Illinois 312-350-4088
Plainfield, Illinois 815-254-0091
uplandDesign.com

SURVEYOR & CIVIL ENGINEER

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ORIGINAL ISSUE DATE

Issued for Permit 28DEC2023

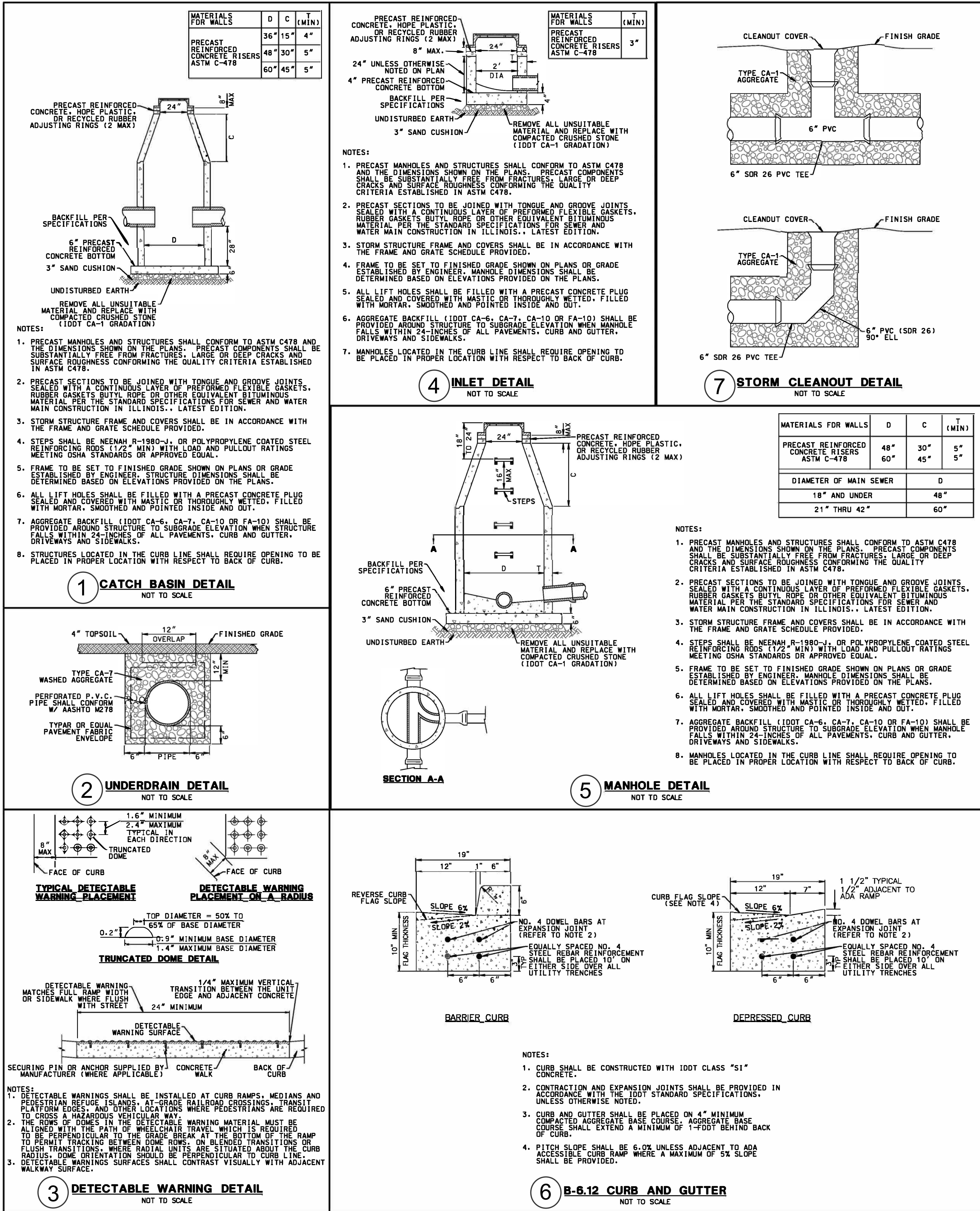
REVISIONS

PROJECT NUMBER **1183**

SHEET TITLE

**Construction
Details**

SHEET NUMBER



530 Bernard Drive
Buffalo Grove, IL 60089
Phone: 847-692-5127

PROJECT

Parkchester
Park OSLAD
Grant
Development

851 Weiland Road
Buffalo Grove
Illinois 60089

PROJECT TEAM



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REVISIONS

NO.	DESCRIPTION	DATE

PROJECT NUMBER

1183

SHEET TITLE

Civil
Engineering-
Project
Specifications

SHEET NUMBER

8.0

GENERAL NOTES

A. REFERENCED SPECIFICATIONS

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS:
 - STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION;
 - STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION
 - VILLAGE OF BUFFALO GROVE MUNICIPAL CODE;
 - THE LAKE COUNTY WATERSHED DEVELOPMENT ORDINANCE

IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.

B. NOTIFICATIONS

- THE VILLAGE OF BUFFALO GROVE MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE EXACT LOCATIONS OF THE UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION. IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED. CALL J.U.L.I.E. AT 1-800-892-0123.

C. GENERAL NOTES

- THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.
- THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY THE MUNICIPALITY OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS.
- A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION PRIOR TO COMMENCING ANY SEWER CONSTRUCTION. THE PLUG SHALL REMAIN IN PLACE UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR SEWER DISTRICT AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.
- THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY UNPOLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.
- DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER FLOW MEASUREMENT SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY AND/OR SEWER DISTRICT.
- THE LOCATION OF PREVIOUS EXISTING UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.
- ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- NO FINAL CONNECTION SHALL BE MADE TO THE EXISTING WATER MAIN SYSTEM UNTIL THE WATER MAIN HAS BEEN PRESSURE TESTED AND CHLORINATED.
- ALL NON-PAVING CONCRETE USED ON THE PROJECT SHALL BE IDOT CLASS S1.
- MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY AND OWNER.
- THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES.
- ALL EXISTING FIELD DRAINAGE TILE ENCOUNTERED OR DAMAGED DURING CONSTRUCTION WHICH DRAIN OFF-SITE PROPERTY SHALL BE CONNECTED TO THE STORM SEWER SYSTEM. ALL EXISTING FIELD DRAINAGE TILE ENCOUNTERED OR DAMAGED DURING CONSTRUCTION THAT SERVES ON-SITE PROPERTY CAN BE CAPPED AND/OR REMOVED FROM THE SITE.
- ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED DURING CONSTRUCTION SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION.
- RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS UNDERGROUND IMPROVEMENTS ARE COMPLETED. FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED. FINAL CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED. ALL KYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.
- TRAFFIC CONTROL SIGNS SHALL BE INSTALLED DURING CONSTRUCTION IN ACCORDANCE WITH THE IDOT SS AND IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE SAFE AND ORDERLY PASSAGE OF TRAFFIC AND PEDESTRIANS SHALL BE MAINTAINED AT ALL TIMES.

D. EXCAVATION AND SITE GRADING

- EXCAVATION AND EMBANKMENT REQUIRED FOR SITE GRADING SHALL BE CONSTRUCTED IN ACCORDANCE WITH SOILS REPORTS PREPARED FOR THIS SITE. COPIES OF THE SOILS REPORTS ARE AVAILABLE FROM THE OWNER.
- BUILDING PAD, BUILDING FOOTING, AND PAVEMENT SUBGRADES SHALL BE CONSTRUCTED OF SUITABLE FILL MATERIAL, AS DETERMINED BY THE SOILS ENGINEER, AND COMPACTED TO A MINIMUM BEARING CAPACITY OF 3,000 PSF IN BUILDING PAD AREAS AND 95% MODIFIED PROCTOR DENSITY WITHIN (PUBLIC, PARKING LOT) PAVEMENT AREAS OR PUBLIC RIGHT-OF-WAYS.)

- ALL CLAY EMBANKMENT NECESSARY FOR STORMWATER MANAGEMENT AREAS AS NOTED ON THE CROSS SECTION SHALL CONSIST OF COHESIVE SOIL TYPES WITH LESS THAN 25% SAND AND GRAVEL. MATERIAL SHALL HAVE A COEFFICIENT OF PERMEABILITY OF LESS THAN 10⁻⁷ CM/SEC. MAXIMUM PARTICLE SIZE SHALL BE 4-INCHES. THESE MATERIALS WILL BE PRACTICALLY IMPERVIOUS. MATERIAL SHALL BE TESTED FOR CLASSIFICATION, COMPACTION CHARACTERISTICS, PERMEABILITY CHARACTERISTICS AND UNCONFINED COMPRESSIVE STRENGTH, IN ORDER TO ENSURE THAT THEY MEET THE ABOVE REQUIREMENTS.

THE MATERIAL SHALL BE CL TYPE (USING THE USC CLASSIFICATION SYSTEM, ASTM D2487) AND FREE FROM GRAVEL, ROOTS, ORGANIC MATTER, AND ANY OTHER OBJECTIONABLE MATERIALS.

THE EMBANKMENT SHALL BE PLACED IN ESSENTIALLY HORIZONTAL LIFTS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS. EACH LIFT SHOULD BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED IN THE LABORATORY BY THE MODIFIED PROCTOR COMPACTION TEST (ASTM D1557). EACH LIFT TO BE COMPACTED TO SPECIFIED DENSITY PRIOR TO THE PLACEMENT OF ADDITIONAL FILL. MOISTURE CONTROL IS IMPORTANT IN THE COMPACTION OF COHESIVE SOIL TYPES; AND THE WATER CONTENT OF THE EMBANKMENT FILL SHALL BE WITHIN 4 PERCENTAGE POINTS OF OPTIMUM MOISTURE AS ESTABLISHED BY THE LABORATORY COMPACTION CURVE.

- COMPACTION TESTING SHALL MEET THE REQUIREMENTS OF THE MUNICIPALITY AND THE OWNER.
- NO EQUIPMENT, MATERIAL OR WORK IS TO BE PERFORMED OUTSIDE THE LIMITS OF CONSTRUCTION.
- THE CONTRACTOR IS REQUIRED TO MEET ALL SOIL EROSION CONTROL AND SEDIMENTATION REQUIREMENTS AS SET FORTH IN THE TEPA STANDARDS, MUNICIPAL ORDINANCES, COUNTY ORDINANCES, AND THE ENGINEERING PLANS.
- ALL PAVEMENT SUBGRADES SHALL BE PROOF-ROLLED WITH A FULLY LOADED TEN WHEEL TRUCK. ANY SOFT YIELDING AREAS SHALL BE REMOVED AND REPLACED WITH COMPACTED CA-6 CRUSHED STONE.
- ALL UNSUITABLE MATERIAL, AS DETERMINED BY THE SOILS ENGINEER, SHALL BE REMOVED AND RECOMPACTED, OR (C.) REPLACED WITH CRUSHED STONE, IDOT CA-6 GRADATION. ALL OPTIONS MEETING COMPACTION REQUIREMENTS AS SPECIFIED EARLIER IN THESE SPECIFICATIONS.
- LIMITS OF BUILDING PAD SHALL EXTEND FIVE (5) FEET BEYOND PROPOSED BUILDING WALLS. LIMITS OF SUITABLE PAVEMENT SUBGRADE SHALL EXTEND TWO (2) FEET BEYOND BACK OF PROPOSED CURB, OR EDGE OF PAVEMENT.
- ALL REMOVAL OR EXCAVATION ITEMS BEING DISPOSED OF AT AN UNCONTAMINATED SOIL FILL OPERATION OR CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) FILL SITE SHALL MEET THE REQUIREMENTS OF PUBLIC ACT 96-1416. ALL COSTS ASSOCIATED WITH MEETING THESE REQUIREMENTS SHALL BE INCLUDED IN THE UNIT PRICE COST FOR THE ASSOCIATED REMOVAL OR EXCAVATION ITEMS IN THE CONTRACT. THESE COSTS SHALL INCLUDE BUT ARE NOT LIMITED TO ALL REQUIRED TESTING, LAB ANALYSIS, CERTIFICATION BY A LICENSED PROFESSIONAL ENGINEER, AND STATE AND LOCAL TIPPING FEES.

E. PAVEMENT CONSTRUCTION

- HOT-MIX ASPHALT PAVEMENT SHALL HAVE A MINIMUM TOTAL COMPACTED THICKNESS AS SHOWN ON THE DRAWINGS AND SHALL BE COMPACTED TO 93% OF THE MAXIMUM UNIT WEIGHT AS DETERMINED BY ASTM D-2041.
- THE PAVEMENT SUBGRADE SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 301 (SUBGRADE PREPARATION) OF THE IDOT SS. SUBGRADE SHALL BE COMPACTED TO A MINIMUM IIR OF 3.0.
- THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 351 (AGGREGATE BASE COURSE) OF THE IDOT SS.
- NO AGGREGATE BASE COURSE SHALL BE INSTALLED UNTIL THE SUBGRADE HAS BEEN APPROVED BY THE OWNER.
- HOT-MIX ASPHALT PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 406 (HOT-MIX ASPHALT BINDER AND SURFACE COURSE).
- NO HOT-MIX ASPHALT BINDER SHALL BE INSTALLED UNTIL THE AGGREGATE BASE COURSE HAS BEEN APPROVED BY THE OWNER. AGGREGATE BASE COURSE PRIME COAT (MC-30) SHALL BE APPLIED AT A RATE OF 0.25 TO 0.5 GALLONS PER SQUARE YARD, THE EXACT RATE TO BE SPECIFIED BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY SIGNS, BARRICADES, FENCES, ETC. TO KEEP THE CONSTRUCTION SITE IN COMPLIANCE WITH STATE AND FEDERAL LAWS. THE MUNICIPALITY MAY REQUIRE ADDITIONAL STAGING OR BARRICADES. THE CONTRACTOR SHALL COMPLY WITH ALL SUCH MUNICIPAL REQUIREMENTS.
- ALL EXISTING PAVEMENT, SIDEWALK, OR CURB AND GUTTER TO BE REMOVED SHALL BE SAWCUT ALONG THE LIMITS OF THE PROPOSED REMOVAL BEFORE REMOVAL OPERATIONS BEGIN.
- PRIOR TO PLACEMENT OF BASE COURSE, THE SUBGRADE SHALL BE PROOF-ROLLED WITH A FULLY LOADED TEN WHEEL TRUCK, AND ANY SOFT YIELDING AREAS SHALL BE REMOVED AND REPLACED WITH COMPACTED CA-6 CRUSHED STONE.
- CURB AND GUTTER REMOVAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 440 (REMOVAL OF EXISTING PAVEMENT AND APPURTENANCES) OF THE IDOT SS.
- ALL PAVEMENT MARKINGS SHALL BE PAINT.
- P.C.C. ROADWAY PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 420 (PORTLAND CEMENT CONCRETE PAVEMENT) OF THE IDOT SS. P.C.C. PAVEMENT FOR TRUCK DOCKS OR OTHER MISCELLANEOUS AREAS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 423 (PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT) OF THE IDOT SS. PCC PAVEMENT SHALL BE CLASS PY, UNLESS OTHERWISE NOTED. CONCRETE SHALL BE FINISHED AS DIRECTED BY THE OWNER OR ARCHITECT. JOINTS IN CONCRETE PAVEMENT SHALL BE PROVIDED AS FOLLOWS:
 - JOINTS WITHIN SINGLE LANE PAVEMENT (APPROXIMATELY 12-FEET WIDE) SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 420.
 - CONTRACTION JOINTS IN TRUCK DOCK PAVEMENT OR SIMILAR CONSTRUCTION SHALL BE DIVIDED BY GROOVES CONSTRUCTED AT 10 FOOT MAXIMUM INTERVALS BOTH TRANSVERSELY AND LONGITUDINALLY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THESE GROOVES SHALL EXTEND TO 1/4 THE DEPTH OF THE PAVEMENT, SHALL NOT BE LESS THAN 1/8 INCH NOR MORE THAN 1/4 INCH IN WIDTH AND SHALL BE EDGED WITH AN EDGING TOOL HAVING A 1/4 INCH RADIUS. THE EDGES OF THE SLABS SHALL BE EDGED AS DESCRIBED ABOVE.
 - EXPANSION JOINTS SHALL BE PROVIDED WHERE THE PROPOSED PAVEMENT OCCUPIES THE ENTIRE SPACE BETWEEN THE CONCRETE CURB OR COMBINATION CURB AND GUTTER AND AN ADJACENT BUILDING, PERMANENT STRUCTURE, EXISTING DRIVEWAY OR OTHER SIMILAR OBSTRUCTION. A ONE (1) INCHED PREFORMED EXPANSION JOINT FILLER SHALL BE PLACED BETWEEN THE DRIVEWAY PAVEMENT AND THE OBSTRUCTION. THE EXPANSION JOINT FILLER SHALL EXTEND THE ENTIRE DEPTH OF THE PAVEMENT.
- ADA ACCESSIBLE CURB RAMPS SHALL BE PROVIDED AT ALL LOCATIONS WHERE THE SIDEWALK ADJOINS THE CURB AND GUTTER. ALL ADA RAMPS SHALL PROVIDE DETECTABLE WARNINGS PER THE DETAIL NOTED WITHIN THIS PLAN SET. THE INSTALLATION OF THESE DETECTABLE WARNINGS SHALL CONFORM TO SECTION 424 OF THE IDOT SS AND THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES.
- ALL CONCRETE FOR SIDEWALK AND CURB AND GUTTER IS TO BE CLASS S1, 6.1 BAG MIX WITH NO FLY ASH.

- COMBINATION CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 606 (CONCRETE GUTTER, CURB, MEDIAN, AND PAVED DITCH) OF THE IDOT SS.
 - EXPANSION JOINTS SHALL BE PLACED AT THE END OF RADII AND AT INTERVALS OF NO MORE THAN 40-FEET IN STRAIGHT LINE PORTIONS OF WORK. EXPANSION JOINTS SHALL BE PROVIDED WHERE THE CURB AND GUTTER ABUTS AN EXISTING OR PROPOSED SIDEWALK, BUILDING, PERMANENT STRUCTURE OR EXISTING OR PROPOSED CONCRETE DRIVEWAY. EXPANSION JOINTS ARE REQUIRED 5-FEET ON EACH SIDE OF ANY STORM SEWER STRUCTURE IN THE CURB LINE. EXPANSION JOINTS SHALL CONSIST OF 1-INCH PREFORMED EXPANSION JOINT FILLER MATERIAL.
 - EXPANSION JOINTS SHALL INCLUDE 12-INCH LONG #4 DOWEL BARS WITH CAP. CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF NO MORE THAN 10-FEET. CONTRACTION JOINTS SHALL BE SAUED TO A DEPTH EQUAL TO 1/3 THE THICKNESS OF THE GUTTER FLAG AND TO A WIDTH OF NOT LESS THAN 1/8 INCH.
 - A MINIMUM 4-INCH COMPACTED AGGREGATE BASE SHALL BE PROVIDED UNDER THE CURB AND GUTTER AND SHALL EXTEND 1-FOOT BEHIND BACK OF CURB. REFER TO SECTION 606 FOR ADDITIONAL JOINTING REQUIREMENTS.
- SIDEWALK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 424 (PORTLAND CEMENT CONCRETE SIDEWALK) OF THE IDOT SS.
 - THE SURFACE SHALL BE DIVIDED BY GROOVES CONSTRUCTED AT RIGHT ANGLES TO THE CENTERLINE OF THE SIDEWALK OR AS SHOWN ON THE ENGINEERING PLANS. GROOVES SHALL EXTEND TO 1/4 THE DEPTH OF THE SIDEWALK, SHALL BE NOT LESS THAN 1/8 IN. NOR MORE THAN 1/4 IN. IN WIDTH, AND SHALL BE LONGER THAN 6 FT. NOR LESS THAN 4 FT. ON ANY SIDE, UNLESS OTHERWISE NOTED.
 - EXPANSION JOINTS SHALL BE 1/2 IN. THICK AND CONSIST OF PREFORMED JOINT FILLER. THE TOP OF THE JOINT FILLER SHALL BE 1/4 IN. BELOW THE SURFACE OF THE SIDEWALK.
 - EXPANSION JOINTS SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRUCTURES SUCH AS LIGHT POLES, TRAFFIC SIGNAL POLES, TRAFFIC POLES AND SUBWAY COLUMNS, WHICH EXTEND THROUGH THE SIDEWALK. EXPANSION JOINTS SHALL BE PLACED AT MAXIMUM INTERVALS OF 50 FT. IN THE SIDEWALK. WHERE THE SIDEWALK IS CONSTRUCTED ADJACENT TO PAVEMENT OR CURB HAVING EXPANSION JOINTS, THE EXPANSION JOINTS IN THE SIDEWALK SHALL BE PLACED IN LINE WITH THE EXPANSION JOINTS AS NEARLY AS PRACTICABLE. EXPANSION JOINTS SHALL BE PLACED WHERE THE SIDEWALK ABUTS EXISTING SIDEWALKS, BETWEEN DRIVEWAY PAVEMENT AND SIDEWALK, AND BETWEEN SIDEWALK ACCESSIBILITY RAMPS AND CURBS WHERE THE RAMP ABUTS A CURB.
- HOT-MIX ASPHALT BASE COURSE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 355 (HOT-MIX ASPHALT BASE COURSE) OF THE IDOT SS.
- HOT-MIX ASPHALT SPECIFICATIONS SHALL BE AS FOLLOWS:

ITEM	AIR VOIDS
HMA SURFACE COURSE, MIX "D", IL-9.5MM, N50, 1.5" MIN.	4% AT 50 GYR.
HMA BINDER COURSE, IL-19.0, N50; 2.25" MIN	4% AT 50 GYR.
LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" MIN	3.5% AT 50 GYR.
CLASS D PATCHES (HMA BINDER IL-19mm)	4% AT 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR ALL NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS. APPLICABLE DISTRICT ONE SPECIAL PROVISIONS MAY INCLUDE, "RECLAIMED ASPHALT PAVEMENT AND SHINGLES", "HMA MIXTURE IL-4.75" AND "STONE MATRIX ASPHALT (SMA)".

- ALL CURBS CONSTRUCTED OVER A UTILITY TRENCH SHALL BE REINFORCED WITH TWO EQUALLY SPACED #4 REBARS CENTERED IN THE FLAG FOR A LENGTH OF 10 FEET ON EITHER SIDE OF THE TRENCH. SIDEWALKS SHALL BE TREATED IN THE SAME MANNER USING THREE EQUALLY SPACED #4 REBARS CENTERED IN THE SIDEWALK FOR A LENGTH OF 10 FEET ON EITHER SIDE OF THE TRENCH.
- ALL WATER AND SANITARY SERVICE LOCATIONS SHALL BE STAMPED ON THE CURB WITH "W" OR "S" AT THE DEMARKED LOCATIONS WHERE POSSIBLE.

F. STORM SEWER

- ALL STORM SEWERS, SERVICES AND APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LOCAL MUNICIPAL REQUIREMENTS, THE IDOT SS AND THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION.
- STORM SEWERS SHALL BE:
 - REINFORCED CONCRETE PIPE, ASTM C-75, MINIMUM CLASS III WITH MASTIC JOINTS OR R-RING JOINTS IN ACCORDANCE TO ASTM C-443.
 - POLYVINYL CHLORIDE PIPE (PVC) PIPE, SDR 26, PER ASTM D-3034 WITH ELASTOMERIC JOINTS IN ACCORDANCE WITH ASTM D-3212.
 - HIGH DENSITY POLYETHYLENE (HDPE) PIPE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M252 FOR THREE (3) INCHES TO TEN (10) INCHES AND AASHTO M294 FOR TWELVE (12) INCHES TO SIXTY (60) INCHES.
- GRANULAR PIPE BEDDING MATERIAL SHALL BE IDOT CA-6, CA-10 OR FA-10 AND SHALL BE INSTALLED PER ASTM D3221. GRANULAR BEDDING SHALL BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
- SELECTED GRANULAR BACKFILL, IDOT CA-6, CA-10 OR FA-10 SHALL BE USED WHERE THE TOP OF TRENCH LIES UNDER OR WITHIN 24-INCHES OF ALL PAVEMENTS, CURB AND GUTTERS, DRIVEWAYS OR SIDEWALKS.

G. LANDSCAPING

- ALL DISTURBED AREAS SHALL BE RESTORED WITH 6-INCHES OF TOPSOIL AND SEED. SEEDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 250 (SEEDING) OF THE IDOT SS. SEEDING MIXTURE SHALL BE CLASS 1 LAWN MIXTURE, UNLESS OTHERWISE INDICATED.
- EROSION CONTROL BLANKET SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 251 (MULCH) OF THE IDOT SS. EROSION CONTROL BLANKET SHALL BE EXCELSTOR DS-150 OR SC-150 DEPENDING ON THE INTENDED USE.



**Ordinance without Purchase : Approve an Ordinance
Granting Fence Variation at 2731 Acacia Terrace**

Summary

The Planning & Zoning Commission unanimously recommended approval, subject to the conditions in the attached Ordinance. Staff concurs with this recommendation.

Recommended Motion

SUMMARY: The residents at 2731 Acacia Terrace, who have installed a 4' chain rope fence along the rear property line abutting the Arboretum Golf Course, are seeking a variation from the Village Code. The Planning & Zoning Commission unanimously recommended approval, staff concurs with this recommendation.

ATTACHMENTS:

1. Memo - 2731 Acacia Ter
2. Ordinance - 2731 Acacia Ter
3. Exhibit B - 2731 Acacia Ter Plan Set
4. Exhibit C - 2731 Acacia Ter Minutes PZC Nov 1, 2023

Trustee Liason
Trustee Weidenfeld

Staff Contact
Nicole Woods, Community Development
Director

MEMORANDUM

DATE: February 5, 2024

TO: Dane Bragg, Village Manager

FROM: Nicole Woods, Community Development Director
Andrew Binder, Associate Planner

SUBJECT: Consideration of a Variation to the Fence Code, Section 15.20.050, pertaining to Golf Course Lots, for the purpose of maintaining a fence that has been installed along the rear property line abutting the Arboretum Golf Course at 2731 Acacia Terrace.

PROJECT BACKGROUND

The Dolaks, who reside at 2731 Acacia Terrace, are requesting to maintain a 4' chain rope fence that has been installed along the rear property line abutting the Arboretum Golf Course, as shown in *Figure 1*. Section 15.20.050 of the Village Fence Code regulates fences that abut golf courses as follows and prohibits fences in any rear yard that abuts a golf course.

In this case, the Petitioner installed the fence without a building permit and is looking for a variation from the Fence Code to allow the fence to remain in place.

PLANNING & ZONING ANALYSIS

- The subject property is an interior lot that abuts Arboretum Golf Course to the north. The Petitioner has installed a 4-foot rope fence to prevent golfers from trespassing on his property. The fence is currently not allowed and was installed without a building permit.
- The only exceptions to the prohibition of fences on lots surrounding golf courses is the allowance of a 4-foot-high fence in the following circumstances:
 - An in-ground swimming pool is on the property (required per building code due to health and safety reasons);
 - Patio or deck screenings (so long as they are attached or adjacent to the patio);
 - A dog run (the fence must be attached to the home and cannot extend more than 10 feet from the home).

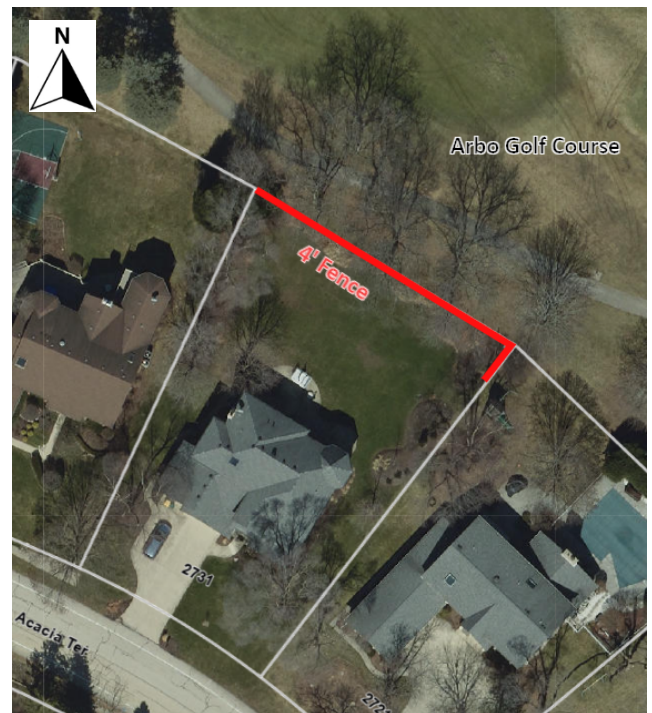


Figure 1: Subject Property

PUBLIC HEARING COMMENTS

The neighbor of the subject property attended the PZC meeting and was in support of the fence variation request.

PLANNING & ZONING COMMISSION (PZC) RECOMMENDATION

The PZC **unanimously recommended approval** of the requested fence variation to allow the existing 4-foot chain rope fence to remain along the rear property line abutting the Arboretum Golf Course at 2731 Acacia Terrace.

RECOMMENDATION

Upon close examination of this variation request, staff recommends that the Village Board approve an Ordinance granting approval for the requested fence variation to allow the existing 4-foot rope fence to remain along the rear property line abutting the Arboretum Golf Course at 2731 Acacia Terrace, as presented at the PZC meeting.

Recognizing that there are other properties along the Golf Course that may experience trespassing by golfers, staff will be drafting a text amendment for the Village Board's consideration at a future meeting. The regulations would be crafted to minimize visual impact of fences between the Golf Course and residential lots, while creating a barrier to help prevent golfers from trespassing on private property. The Dolak's fence could be legally non-conforming, depending upon how the text amendment is drafted.

ORDINANCE NO. 2024 - ____

**AN ORDINANCE APPROVING A VARIATION TO THE VILLAGE FENCE CODE
FOR THE PROPERTY AT 2731 ACACIA TERRACE**

**VILLAGE OF BUFFALO GROVE,
COOK AND LAKE COUNTIES, ILLINOIS**

WHEREAS, the Village of Buffalo Grove is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the real property ("Property") is commonly known as 2731 Acacia Terrace, Buffalo Grove, Illinois and is hereinafter legally described in Exhibit A; and

WHEREAS, the petitioner, William Dolak, owner of the Property, is seeking a variation to Section 15.20.050 of the Village Fence Code (Title 15 of the Buffalo Grove Municipal Code) for the purpose of maintaining a four (4) foot chain rope fence at the rear of their yard abutting the Arboretum Golf Course; and

WHEREAS, the Planning & Zoning Commission held a public hearing on November 1, 2023, concerning the petition for the Fence Variation; and

WHEREAS, the Planning & Zoning Commission made findings of fact and determined that the petition meets the criteria for a Golf Course Fence Variation as set forth in the Buffalo Grove Fence Code, and as described in the minutes attached hereto as Exhibit C; and

WHEREAS, the Planning & Zoning Commission voted 6-0 to recommend approval of the Fence Variation; and

WHEREAS, the Corporate Authorities of the Village of Buffalo Grove hereby determine and find that the requested Fence Variation is in harmony with the general purpose and intent of the Fence Code (Title 15 of the Buffalo Grove Municipal Code); and

1. The plight of the owner is due to unique circumstances;
2. The proposed variation will not alter the essential character of the neighborhood;
3. There are practical difficulties or particular hardships in carrying out the strict letter of this Chapter which difficulties or hardships have not been created by any person presently having an interest in the property; and
4. The proposed variation will not be detrimental to the public health, safety and welfare.

WHEREAS, the existing fence shall remain on the subject property in accordance with and pursuant to the following exhibits:

EXHIBIT A Legal Description of the Property

EXHIBIT B Plan Set

EXHIBIT C Minutes from the November 1, 2023 Planning & Zoning Commission Meeting

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

Section 1. The preceding WHEREAS clauses are hereby adopted by the Corporate Authorities and made a part hereof.

Section 2. The variation is hereby granted to Section 15.20.050 of the Village Fence Code (Title 15 of the Buffalo Grove Municipal Code) for the purpose of maintaining a four (4) foot chain rope fence at the rear of the yard abutting the Arboretum Golf Course, subject to the following conditions:

1. The chain rope fence shall remain on the subject property in accordance with the documents and plans submitted as part of this petition;
2. The Petitioner shall comply with all applicable Village codes, regulations, and policies.

Section 3. This Ordinance shall be in full force and effect from and after its passage, and approval. This Ordinance shall not be codified.

AYES: _____

NAYES: _____

ABSENT: _____

PASSED: _____, 2024.

APPROVED: _____, 2024.

ATTEST:

APPROVED:

Village Clerk

Eric Smith, Village President

Exhibit A
Legal Description

Golf Course Fence Variation
2731 Acacia Terrace
Buffalo Grove, IL 60089

Lot 438 in the Woodlands at Fiore Unit 7, being a Subdivision of part of the West Half of the Southeast $\frac{1}{4}$ and the East $\frac{1}{2}$ of the Southwest $\frac{1}{4}$ of Section 17, Township 43 North, Range 11 East of the Third Principal Meridian, according to the Plat thereof recorded October 7, 1987, as document number 2619621 , in Lake County, Illinois

SUBJECT PROPERTY COMMON DESCRIPTION: 2731 Acacia Terrace, Buffalo Grove, IL 60089

PIN: 15-17-408-001

**Exhibit B
Plan Set**

**Golf Course Fence Variation
2731 Acacia Terrace
Buffalo Grove, IL 60089**

Exhibit C
Minutes from the November 1, 2023, PZC Meeting

Golf Course Fence Variation
2731 Acacia Terrace
Buffalo Grove, IL 60089

VILLAGE OF BUFFALO GROVE
Department of Building and Zoning
Fifty Raupp Blvd
Buffalo Grove, IL 60089
Phone: 847.459.2530
Fax: 847.459.7944



APPLICATION FOR VARIATION

APPLICANT'S NAME William Dolak

APPLICANT'S ADDRESS 2731 Acacia Terrace

TELEPHONE NUMBER (773) 612-0031 EMAIL WDOLAK@AMERITECH.NET

ADDRESS OF SUBJECT PROPERTY 2731 Acacia Terrace

PROPERTY IS LOCATED IN THE R-1 ZONING DISTRICT

LEGAL DESCRIPTION OF SUBJECT PROPERTY Lot 438 in the Woodlands at Fiore Unit 7... (see attached Title)

SECTION OF MUNICIPAL CODE FROM WHICH VARIANCE IS REQUESTED 15.20.50 "Golf Course Lots"

PURPOSE OF VARIANCE Installation of a post and draped chain trespass deterrent along rear property line

Applicant must submit a letter stating what the practical difficulties or particular hardships are in carrying out the strict letter of the Buffalo Grove Municipal Code and describing the proposed work or change in use.

A plat of survey or plot plan, drawn to scale, must be attached hereto and made a part of this application.

Petitioner must submit proof of ownership such as a deed, title insurance policy, trust agreement, etc.

I (we) hereby certify that the legal title of the premises being the subject of this application is vested in William Dolak and that all statements contained in this application are true and correct. I (we) further understand that any misrepresentation in connection with this matter may result in a denial of the relief sought. Furthermore, I (we) have attached a list containing the names and addresses of all contiguous property owners if requesting a fence variation, OR a list of all property owners within two hundred fifty (250) feet in each direction of the subject property for all other variations; exclusive of public ways, as such are recorded in the Office of the Recorder of Deeds of Cook County and/or Lake County.

William A. Dolak
APPLICANT
OWNER, PARTNER IN TITLE, CORPORATE OFFICER, BENEFICIARY OF TRUST
AGENT (Strike out all but applicable designation)

If signed by an Agent, a written instrument executed by the owner, establishing the agency, must accompany this application.

FILING FEE MUST ACCOMPANY THIS APPLICATION

FEE PAID RECEIPT NUMBER DATE



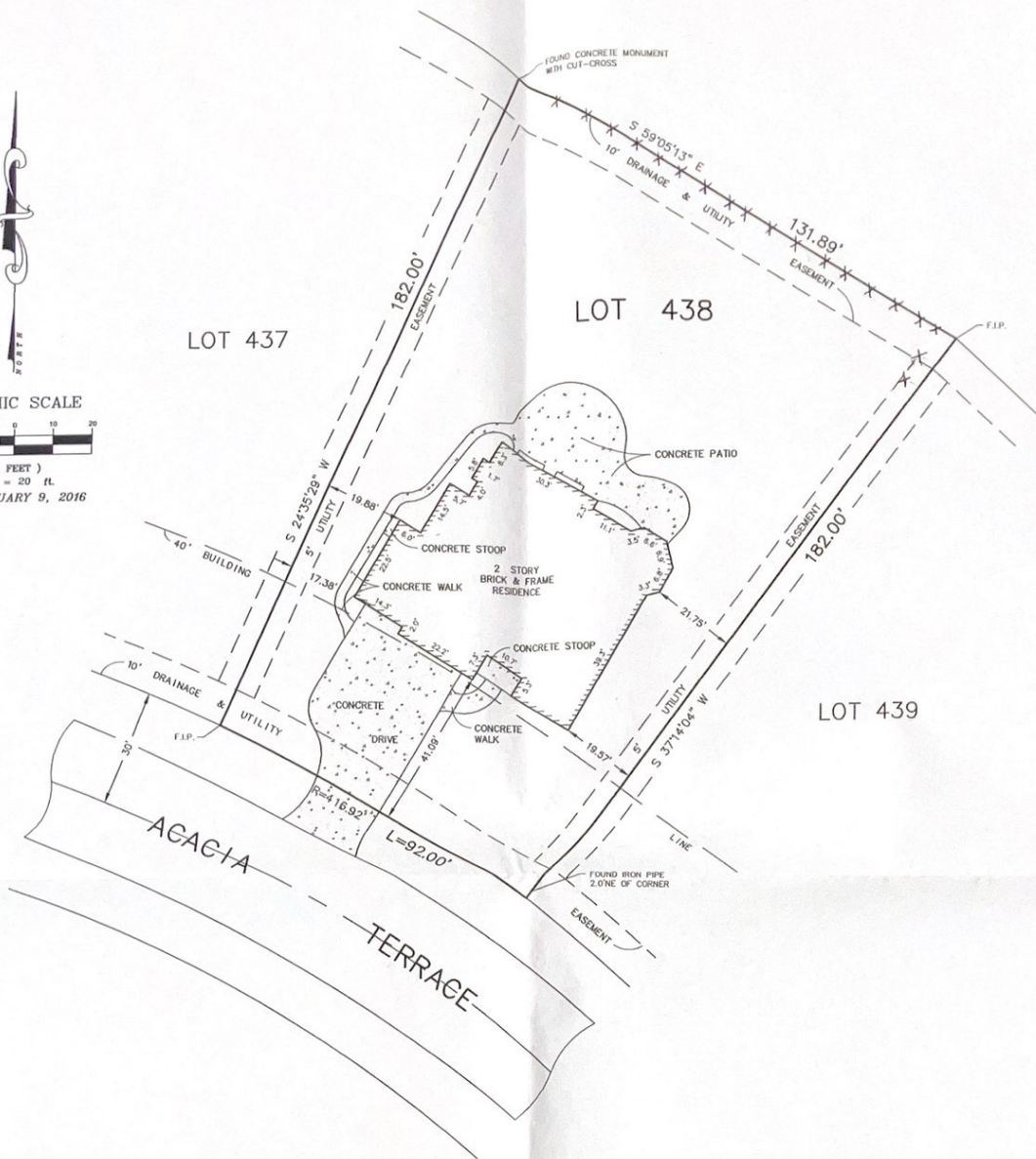
GRAPHIC SCALE



(IN FEET)

SCALE: 1 inch = 20 ft.

DATE: FEBRUARY 9, 2016



PLAT OF SURVEY

OF

LOT 438 IN THE WOODLANDS AT FIORE UNIT 7, BEING A SUBDIVISION OF PART OF THE WEST HALF OF THE SOUTHEAST QUARTER AND THE EAST HALF OF THE SOUTHWEST QUARTER OF SECTION 17, TOWNSHIP 43 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED OCTOBER 7, 1987, AS DOCUMENT NUMBER 2619621, IN LAKE COUNTY, ILLINOIS.

2731 ACACIA TERRACE
BUFFALO GROVE, IL

NOTES:

- COMPARE YOUR DESCRIPTION AND SITE MONUMENTS WITH THIS PLAT AT ONCE AND REPORT ANY DISCREPANCIES WHICH YOU MAY FIND.
- BUILDING LINE RESTRICTIONS AND EASEMENTS ARE SHOWN ONLY WHERE THEY ARE SO RECORDED ON THE SUBDIVISION PLAT OR ARE FURNISHED WITH THE ORDERED DESCRIPTION. REFER TO YOUR DEED, ABSTRACT AND OR TITLE POLICY.
- ALL DIMENSIONS ARE SHOWN IN FEET AND DECIMAL PARTS THEREOF, AND ARE NOT TO BE ASSUMED BY SCALING.
- NO WELL OR SEPTIC IMPROVEMENTS SHOWN HEREON.
- THIS PLAT IS NOT CERTIFIED UNLESS AN IMPRESSED SEAL IS AFFIXED HEREON.

F.I.P. DENOTES FOUND IRON PIPE
F.I.R. DENOTES FOUND IRON ROD
S.I.R. DENOTES SET IRON ROD

"THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY."

I, VINCENT J. MASSE, AN ILLINOIS REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT I HAVE SURVEYED THE ABOVE DESCRIBED PROPERTY, AND THAT THE PLAT ABOVE IS A CORRECT REPRESENTATION OF SAID SURVEY.

Vincent J. Masse
VINCENT J. MASSE, J.L. LAND SURVEYOR # 2854
P.D.F. # 184-004041 LICENSE EXPIRES 11/30/16



CHAMBERLIN / MASSE ENGINEERING

LAND SURVEYORS ~ PLANNERS ~ ENGINEERS

14044 W. PETRONELLA DRIVE SUITE 2

LIBERTYVILLE, ILLINOIS 60048

(847) 362-8444 FAX 362-9350

ORDERED BY:
CAROL K. HANNICAN
1880 W. WINCHESTER ROAD
SUITE 205
LIBERTYVILLE, IL. 60048
PHONE: (847) 549-0033

DRAWN BY: D.B. JOB # 216015 DRAWING #
CHECKED BY: V.J.M. F.B. / Page 72 of 583



During your testimony at the Public Hearing, you need to testify and present your case for the variance being requested. During your testimony you need to affirmatively address the four (4) standards listed below:

The Planning & Zoning Commission is authorized to grant variations to the regulations of the Fence Code based upon findings of fact which are made based upon the evidence presented at the hearing that:

1. The plight of the owner is due to unique circumstances;

Your Evidentiary Statement:

PLEASE SEE ATTACHED EXHIBIT "C"

2. The proposed variation will not alter the essential character of the neighborhood;

Your Evidentiary Statement:

PLEASE SEE ATTACHED EXHIBIT "C"

3. There are practical difficulties or particular hardships in carrying out the strict letter of this Chapter which difficulties or hardships have not been created by the person presently having an interest in the property; and,

Your Evidentiary Statement:

PLEASE SEE ATTACHED EXHIBIT "C"

4. The proposed variation will not be detrimental to the public health safety and welfare.

Your Evidentiary Statement:

PLEASE SEE ATTACHED EXHIBIT "C"

Exhibit C

1. The plight of the owner is due to unique circumstances;

Your Evidentiary Statement:

Summary: Please see attached letter for full explanation including images.

The design of the Arboretum Club's 11th hole, in combination with the location, size, and height of the numerous mature trees at the rear of our property (but belonging to the golf course) causes *over 800 balls per year* (MANY more than other properties on the course) to land on our property. These conditions result in nearly 500 annual incidents of trespassers on our private property despite more than 8 NO TRESSPASSING signs along the property's edge.

This combination of factors is entirely unique to our property:

- a) the design of the Arboretum Club's 11th hole and our property's location relative to it,
- b) the location of the numerous mature trees (on golf course property) in the flight path of the fairway (see images #1 & #2 on accompanying letter), and
- c) our property line's extreme closeness to the active play zone
- d) the magnitude of number incidents of illegal and flagrant trespass

This is not just people dashing into our yard to grab a ball that is within 5-10 feet of the property line. Players *routinely* trespass 80-100 feet onto our property; all the way onto our patio. Many will linger for several minutes (we have timed them) searching for their ball and/ or collecting as many balls as they are able to find (as if it were a treasure hunt). Players routinely play the ball from where it lies: *well within our property*. Players have approached within 5 feet of our 11-year-old daughter to retrieve a ball without announcing their presence or asking permission startling and terrifying her. **This is a significant and ongoing safety hazard.**

2. The proposed variation will not alter the essential character of the neighborhood;

Your Evidentiary Statement: Please see attached letter for full explanation including images.

As is demonstrated in images #7, #8, and #9 in the attached letter, the proposed post/ stanchion and draped chain trespass deterrent is not a visual obstruction in any way. Indeed, it is essentially unnoticeable from distances of over 50 feet, as well as from the active play zone of the Arboretum Club course. In conjunction with the landscape design of the property at 2731 Acacia Terrace, it will be barely noticeable. In fact, since the remodeling of the rear property of 2731 Acacia Terrace, it has resulted numerous and continuous unsolicited compliments regarding the landscaping and plantings from both neighbors and golfers alike.

3. There are practical difficulties or particular hardships in carrying out the strict letter of this Chapter which difficulties or hardships have not been created by the person presently having an interest in the property;

Your Evidentiary Statement: Please see attached letter for full explanation including images.

The practical difficulty and particular hardship of enduring ~500 separate incidents of illegal (exclusively male, NEVER female) trespassers on our private property despite all of our clear signage (8+) and the presence of unattended minor females on the premises.

4. The proposed variation will not be detrimental to the public health, safety, and welfare.

Your Evidentiary Statement: Please see attached letter for full explanation including images.

On the contrary, the proposed variation will result in a clear and *immediate improvement* to the public health, safety, and welfare; in particular to the family at this location, by eliminating the majority of the nearly 500 incidences of illegal trespass.

William & Melanie Dolak, 2731 Acacia Terrace, Buffalo Grove, Illinois 60089-6668

27 September 2023

Planning and Zoning Commission
Village of Buffalo Grove

We are writing to request a variance to Village of Buffalo Grove Municipal Code 15.20.50 "Golf Course Lots" as provided under code sections 15.20.110 and 15.20.140.

Our home is located at 2731 Acacia Terrace which abuts the 11th hole of the Arboretum Club golf course.

The 11th hole is a 526 yard, par 5, with a dog-leg to the left and a water hazard: Indian Creek (image #1). Please note on images #1 & #2 that the ball path indicated actually touches a grove of mature trees at the rear of our property. Additionally, our property line is much closer to an active fairway/ play-zone than most other properties on the Arboretum Club course (image #2).

We are requesting this variance due to the following unique circumstances:

The design of the 11th hole, in combination with the location, size, and height of the numerous mature trees at the rear of our property causes over 800 balls per year (not an estimate) to land on our property (see image #4).

As shown in images #1, #2, and #3, any tee-shot from the pro/ am tees that is to the left of "perfect" (even by as little as 5°) will hit one of these trees and ricochet around in the trees and fall to the ground on, or immediately behind, our property.

Certainly all of the houses on a golf course can expect to have balls fall onto their property, however, we receive many times the number of balls that most others experience due to the unique circumstances of our property as described above.

The balls, however, are just an unfortunate result of living on a golf course. Our ongoing plight is the constant safety and security threat and violation of our privacy coming from the excessive amount of rampant illegal trespassing that results from golfers walking onto our private property to retrieve their (and others') balls. When we first moved into our home, there were only a couple "KEEP OFF LAWN" signs posted by the Arboretum Club to indicate the property line (we have since added 8 "No Trespassing" signs of our own). At that time over 60% of golfers whose ball had landed on our yard would walk directly onto our private property, often all the way onto our patio, in areas up to 100 ft from the property line (see image #5) despite the numerous "No Trespassing" signs. This resulted (conservatively) in nearly 500 incidents of illegal trespassers on our private property per year.

One such incident occurred when our 11 year-old daughter was reading outside while sitting at our picnic table. A male golfer walked into our yard, ***without asking or announcing himself***, all the way up to the side of the picnic table, ***within 5 feet of our daughter***, and retrieved a ball. After this event, both of our young daughters refused to spend time in our back yard alone.

We would also observe golfers wandering around our yard searching for their ball; often for as long as 3-5 minutes (yes, we've timed it). It was not unusual to find golfers wandering around in our yard retrieving *multiple* balls as if our private property were the location of an amusing treasure hunt.

This is about the about the safety of our family. Some golfers (exclusively male, often seemingly quite inebriated) have **yelled at our young daughters** to quiet down our dog because it's disturbing his shot. Numerous times we have observed golfers **playing their ball from our lawn**, well within our private property.

In one particularly egregious incident, a **golfer was urinating at our yard's edge**, in the open, facing our house, in full view of our 2 young daughters' bedroom windows. It was actually our young daughters, who were at their desks studying, who alerted us to this incident as it was happening. This sort of behavior is abhorrent and **illegal**. It is not reasonable to expect anyone to tolerate 500 trespassers per year on their private property. This is our unique plight: that the number of trespassers is directly proportional to the number of balls falling on one's property and, as noted previously, we receive many times more balls than any other property on the course.

After years of enduring this plight, we adjusted our planned landscaping modifications to add a line of foliage along the rear property line to provide a trespass deterrent (see image #6). We also added 4 additional "No Trespassing" signs. This had **almost no effect**. Golfers would merely trudge through our plantings, causing damage to them in the process, to seek out their errant balls.

As a next step the following year, we resorted to placing a plastic and wood, post/ stanchion and chain trespass deterrent along the rear property line. We have no desire to have a "fence" in our yard, as we enjoy the view. We have learned to accept the inconvenience (and the not insignificant injury and property hazard) of balls flying onto our property multiple times per day. **We cannot, however, abide the safety and security hazard of having a constant stream of trespassers (exclusively men) multiple times per day, 500 times per year, on our private property. This is not an occasional occurrence. On a warm summer weekend it can be as much as 12-15 times a day.**

We chose the post/ stanchion and chain style of trespass deterrent because it is a minimal action **that enhances our safety and welfare whilst not detracting from the safety and welfare of others**. Additionally, it is visually unobtrusive, is nearly unobservable from the in-bounds areas and fairway (see images #7-9), and **does not deter from the character of our neighborhood and environs** (in contrast to the white post & rope deterrents installed by the golf course in some locations). Indeed, our neighbors have complimented us on the improvements we have made to our home and yard, and we routinely receive a great many unsolicited compliments on our landscaping from golfers as they play through or drive by in their carts.

In summary, while some golfers do still continue to literally jump over or climb through the chains, past the 8+ "No Trespassing" signs, and walk through our plantings to get their golf balls, the overwhelming result is that the post/ stanchion and chain deterrent has nearly eliminated our incidents of trespassers and our daughters have felt comfortable to be alone in their own back yard again.

Therefore, we request that a variance be granted under the provisions noted above for the plastic chain and post/ stanchion trespass deterrent at the rear property line of 2731 Acacia Terrace.

Submitted 27 September 2023 by:

William Dolak, 2731 Acacia Terrace, Buffalo Grove, IL 60089-6668

Image #1



THE ARBORETUM CLUB

FOLLOW

Buffalo Grove, IL • Daily-Fee

Profile Tour Tees About More

HOLES MAP



HOLE #11 ▾ Champ Tee ▾



PAR 5, 526 YARDS

YARDAGE BOOK

1 Center: 503

F: 486 B: 518



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Google Imagery

+ SHOW RELATED SERVICES

<https://course.bluegolf.com/bluegolf/course/course/thearboretumclub/overview.htm>

Image #2



Arial View of pertinent area



Red Boarder = Trees

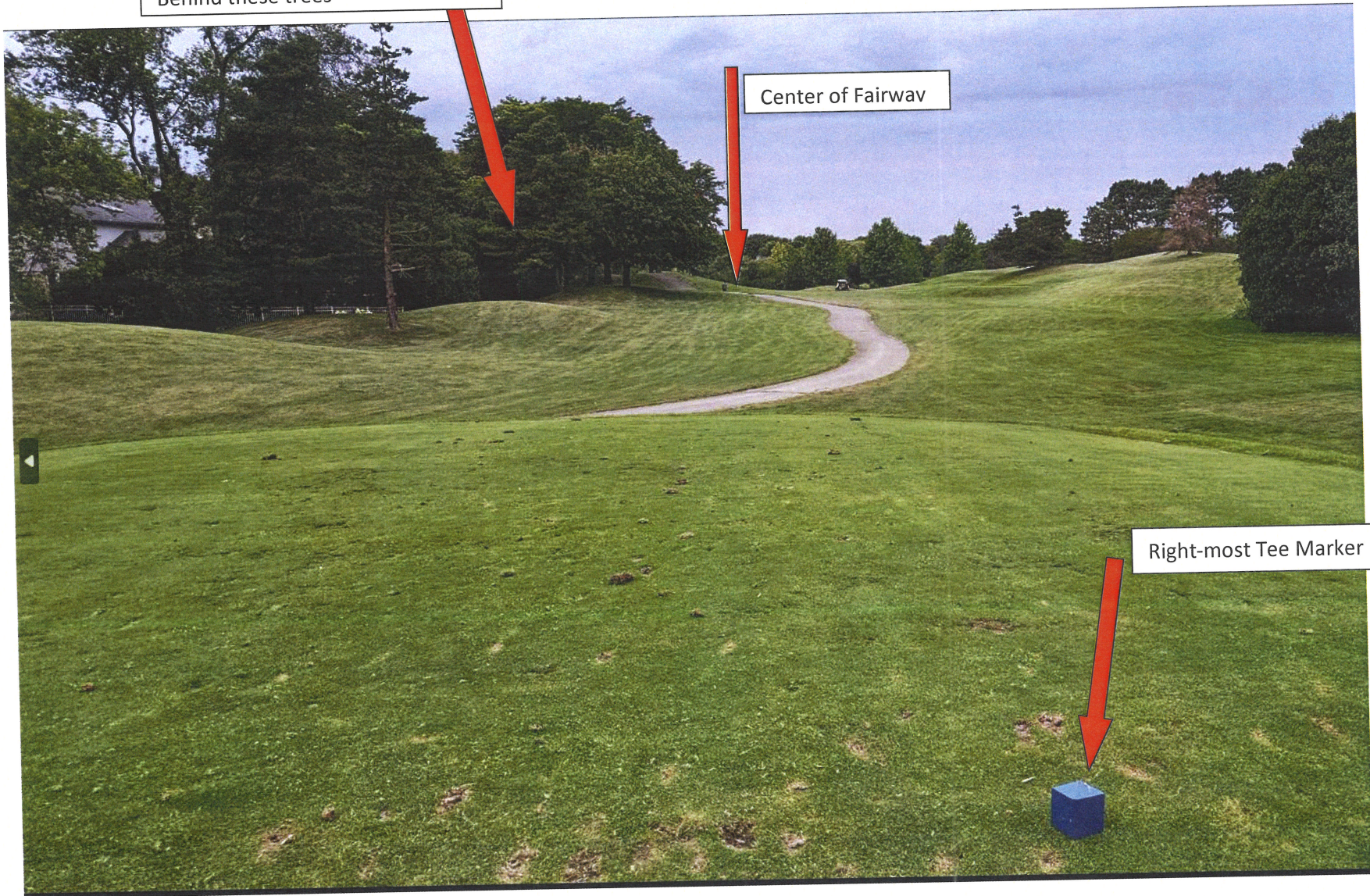
Blue Boarder = 2731 Acacia Terrace

Rear Lawn of 2731 Acacia Terrace
Behind these trees

Image #3

Center of Fairway

Right-most Tee Marker



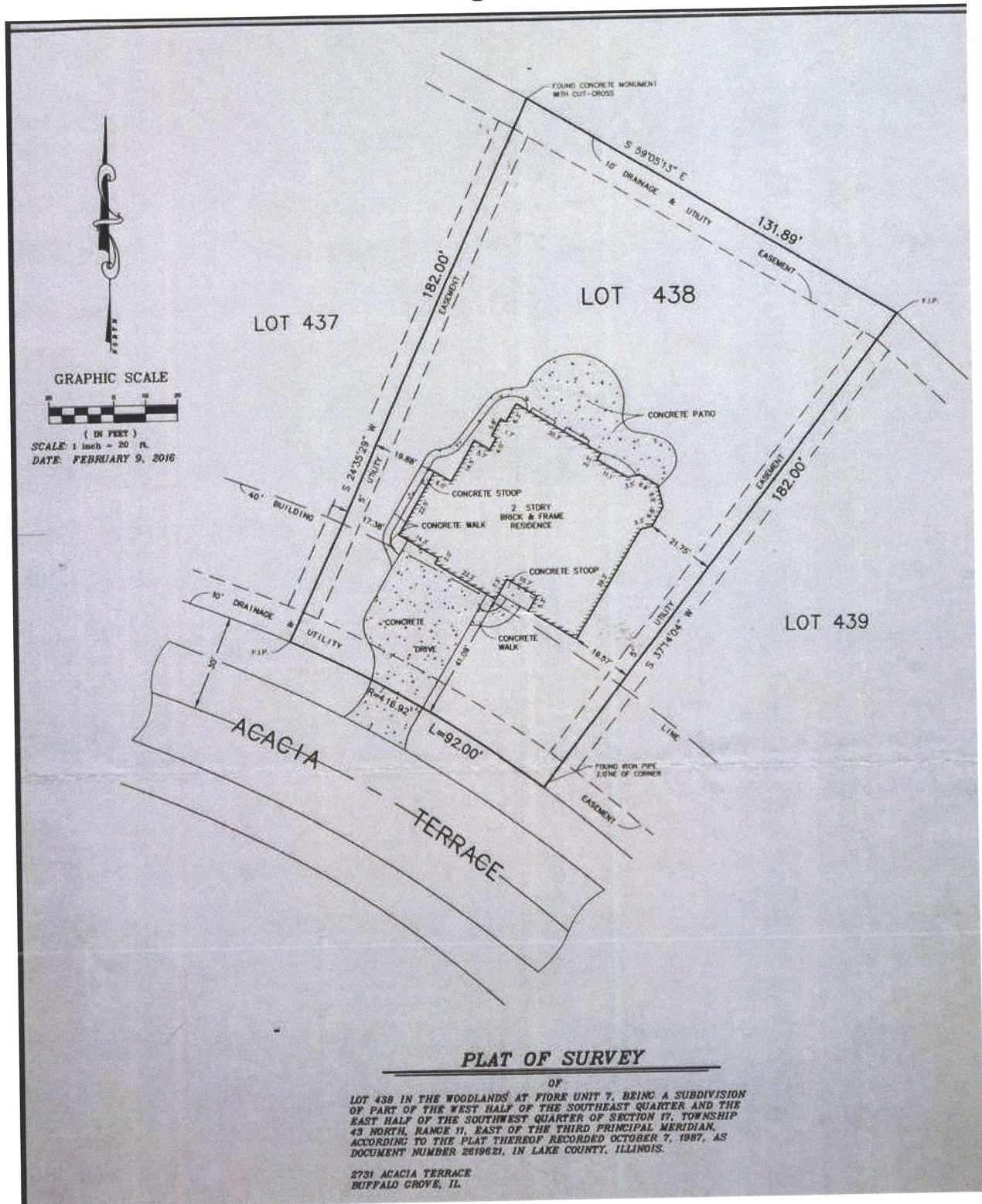
View From 11th Hole Pro/ Am Tee

Image #4



This represents only a PORTION of the balls we've collected as we routinely give away bags of balls to friends and co-workers.

Image #5



Plat of survey for 2731 Acacia Terrace

Image #6



Plantings installed along rear of property to deter trespassing

Image #7



Rear lawn of 2731 Acacia Terrace

View of the rear of 2731 Acacia Terrace from 11th Hole Short (Red) Tee

Image #8



View of the rear of 2731 Acacia Terrace from the leading edge of the 11th fairway

Image #9



View of the rear of 2731 Acacia Terrace from the approaching cart path

**MINUTES OF THE REGULAR MEETING OF THE PLANNING AND ZONING COMMISSION OF THE
VILLAGE OF BUFFALO GROVE HELD IN THE COUNCIL CHAMBERS, 50 RAUPP BOULEVARD,
BUFFALO GROVE, ILLINOIS ON WEDNESDAY, NOVEMBER 1, 2023**

Call to Order

The meeting was called to order at 7:30 PM by Chair Mitchell Weinstein

Public Hearings/Items For Consideration

1. Consideration of a Fence Variation Pertaining to Golf Course Lots, for the Purpose of Maintaining a Fence that Has Been Installed Along the Rear Property Line Abutting the Arboretum Golf Course at 2731 Acacia Terrace (Trustee Weidenfeld) (Staff Contact: Andrew Binder)

Andrew Binder, Associate Planner, reviewed the requested fence variation being sought by the petitioners and indicated that staff is recommending denial of the request due to the following reasons:

- *The subject property has no practical difficulties or undue hardships due to the physical shape of the property or location when compared to the adjacent properties that abut the Golf Course;*
- *Allowing the fence to remain on the subject property would impact the open character of the neighborhood, and does not coincide with the intention of the Village Code as it relates to properties abutting golf courses;*
- *There is no precedent for a variation from the Fence Code to allow this kind of variation; granting such a variation may lead to additional variations of the same nature, which will further impact the intended character of the area.*

Petitioner, William Dolak, was sworn in. Dolak indicated that his home is situated along the 11th hole on the golf course and that he and his wife did not purchase the home because it was on a golf course - rather, they really liked the home.

Dolak showed some photos of the various holes on the golf course including the 11th hole where his home is located, and indicated that they face constant and flagrant trespassing on the property by golfers that routinely help themselves to their property, searching for balls, playing the ball from wherever it lies, and approaching/scaring their daughter in the backyard.

Dolak indicated that his lot is unique due to the sheer magnitude, which he estimates to be 8 to 10 times the number of balls and number of trespassers, compared to other homes near other holes on the course. He showed diagrams of all of the holes on the golf course.

Dolak stated that his house encroaches into the playing zone and is uniquely situated among all of the 36 holes on the golf course.

Dolak stated that his home is situated behind a berm and is not visible from the golf course. He indicated that he selected the least visible fence possible and that he and his family want to peacefully coexist with the golf course.

He then showed a slide with a white barrier and no trespassing signs, which he indicated was installed by the golf course on another lot surrounding the course.

Melony Dolak, petitioner, was sworn in and thanked the commissioners. Mrs. Dolak stated that she wanted to address the concern that the Commission might be setting a precedent by approving the variation. She indicated that they do have a unique plight, and does not believe any other homeowner would come to the Commission with a similar request.

Mrs. Dolak stated that they made some changes to the property with landscaping to try to make it a deterrent. The fence was not something they wanted to install but felt that they had to.

Mrs. Dolak also indicated that her neighbor was in the audience to speak on behalf of the requested variation.

The property owner from 2721 Acacia Terrace was sworn in. He indicated that he is the Dolak's neighbor and spoke on behalf of the petitioners. He indicated that he does not get as many balls or trespassers as his neighbors and that he doesn't see any problem with the fence they have installed. He also stated that their request is for a genuine reason.

Com. Richards asked staff if there were any comments from the golf course and where the complaint came from.

Binder indicated that the staff from the golf course did not have any comments or concerns about the fence and that a complaint was received and fielded by the Village Property Maintenance Inspector.

Com. Richards asked how long the fence has been up.

Dolak indicated it has been up for two years - since July of 2021, and that the fence has essentially alleviated the trespassing problem.

Com. Worlikar asked for confirmation that the fence has been effective and that this is a unique circumstance due to the design of the golf course and the location of the trees.

Dolak concurred that it is the combination of the two things.

Com. Saxena asked what the difference is between the white golf course fence and the one the petitioners have installed.

Binder responded that neither are permitted.

Com. Saxena stated that this is clearly a problem, and asked if the golf course could make adjustments to the course to eliminate the issue.

Binder indicated that adjustments to the golf course have not been discussed at this time.

Com. Moodhe asked about the material of the fence.

Dolak responded that the fence is a linked plastic chain fence and is just in the ground deep enough to be stable.

Com. Moodhe asked for an estimate of the number of trespassers on the property since the fence has been up.

Dolak indicated that the number of trespassers has been reduced by about 98% - and stated they have had virtually none.

Com. Moodhe asked about the tee box location to which Binder provided a response.

Com. Moodhe asked the neighbor to come back to the podium and asked about the height of the trees on his property. He also asked the neighbor if he had a fence in his rear yard due to having a pool.

The neighbor indicated that his trees are not as tall and confirmed that he does have a fence due to having a pool on his property.

Com. Spunt asked for clarification about the trees.

Dolak responded that the golf balls get stuck in the tree canopy, bounce off the trees and into the yard.

Com. Spunt asked staff if the golf course could possibly trim back the trees.

Dolak indicated that the location of the trees in the field of play is more the issue.

Com. Spunt asked the petitioner if the landscaping he installed had deterred trespassers.

Dolak indicated that landscaping alone was not effective.

Com. Spunt asked staff if they could add tall bushes to the property instead of the fence.

Binder responded that yes, bushes would be permitted.

Dolak indicated bushes would be a far less attractive option than the current fence.

Chairman Weinstein asked staff if the Code provides a definition for a fence.

Village Attorney Brankin indicated that the Village Code does not define fence but provided the Oxford Dictionary definition of fence.

Chairman Weinstein asked the petitioner if the golf course has installed white stakes to delineate the area that is out of bounds.

Dolak indicated that they do install the stakes each year and that there are also a few "no trespass" signs installed by the golf course.

Chairman Weinstein confirmed the substantial decrease in trespassers. He also asked the petitioner if prior to this year, had he discussed any potential options with the golf course.

Dolak indicated they had not.

Com. Richards asked staff whether it would still be a fence without the chains in between.

Brankin indicated that if the stakes create a barrier, it would still be considered a fence.

The Public Hearing was closed at 8:10pm.

Chairman Weinstein entered the staff report into the record as Exhibit 1 and the petitioners' presentation as Exhibit 2.

Com. Richards made a motion to recommend approval of a variation to Section 15.20 of the Buffalo Grove Fence Code for the purpose of maintaining a fence that has been installed along the rear property line abutting the Arboretum Golf Course at 2731 Acacia Terrace.

Com. Moodhe seconded the motion.

Com. Moodhe spoke in favor of the motion and indicated that he walked the property, and it took him a minute to realize the fence was even there. He stated that the fence blended well with the landscaping.

Com. Moodhe stated the way this fence sits, keeps the area quite open, while still creating a deterrent, keeping people out of the yard. He indicated that he understands staff's concerns about setting a precedent. Moodhe stated this case should be the standard, as the fence does not encroach on the view of the golf course.

Com. Richards indicated that he had mixed feelings on this one; he stated he finds the behavior of the golfers appalling and feels for what the property owner is up against.

Com. Richards stated that the Village and golf course need to have a discussion about golfer behavior. He also indicated that he thinks the white fence looks worse and that he understands the property owners' plight.

Com. Worlikar stated that he is a stickler about setting precedent but that there are always exceptions to every rule. He indicated that this is really more of a barrier than a fence. He stated he thinks there is a unique circumstance here that has been demonstrated.

RESULT:	RECOMMENDATION TO APPROVE [UNANIMOUS]
AYES:	Moodhe, Spunt, Weinstein, Richards, Worlikar, Saxena
ABSENT:	Amy Au, Jason Davis

2. Consideration of an Amendment to the Planned Unit Development and Preliminary Plan Approved by Ordinance No. 2021-067 and Sign Variations to Allow the Construction of a Belle Tire and Operation of a Minor Automobile Repair with General Retail Sales Use on the Property Located at 704 E Lake Cook Road (Trustee Weidenfeld) (Staff Contact: Andrew Binder)

Associate Planner, Andrew Binder provided an overview of the project and requests.

Com. Richards asked about the north access drive and truck turning movements.

Assistant Village Engineer, Ted Sianis responded that deliveries would take place from the private drive north of the site, and that the property to the north would allow trucks to complete their turning movements to exit the site. Sianis also indicated that the private drive does not connect to the property east of the Belle Tire site.

Representatives for Belle Tire, Brandon Ferro (project architect) and Dave Brink (sign contractor) were sworn in.

Ferro provided a brief background about Belle Tire and offered to answer any questions by the Commissioners.

Com. Spunt asked about the hours of operation.

Ferro provided the general hours and indicated that the store would be open later on Mondays and Thursdays.

Com. Richards asked if there were any variances being requested for the use.

Binder responded that a variation is not necessary as the use can be considered as part of the amendment to the PUD.

Com. Moodhe asked if "Minor Auto Repair" is something defined in our code and if there are other comparable business in Buffalo Grove that have been defined this way.

Binder indicated that Minor Auto Repair is defined in the Code but was not sure if any other establishments have been granted that specific use.

Sianis indicated that Firestone would fit into the same category as an example.

Ferro provided some additional information about services offered by Belle Tire.

Com. Moodhe asked about the procedure for oil storage and removal.

Ferro indicated that an oil separator is installed in each facility that is cleaned out as required by Code.

Com. Moodhe confirmed the used tires are stored inside and asked how often they are removed.

Ferro responded that trucks come weekly to remove the tires and transport them to a Belle Tire facility in Michigan.

Com. Moodhe asked if the monument sign would be internally lit.

Brink responded, yes, it will be internally lit with LEDs.

Com. Moodhe asked about the lumen output.

Brink indicated that the lumen output would be standard for the industry, to provide adequate light.

Com. Moodhe asked about access to the site.

Binder responded there are two access points, one north of the building and one through the Ricky Rocket's site.

Com. Moodhe asked about truck deliveries.

Binder indicated deliveries will take place 2-3 times per week from the north access.

Com. Moodhe asked if there were any concerns from neighbors.

Binder indicated there were none received.

Chairman Weinstein spoke about the variations being requested. He indicated that most of them were reasonable and asked why a 600 square foot flag is needed.

Ferro indicated that 75% of stores have this flag, and that it is a standard for Belle Tire.

Chairman Weinstein asked if the other stores have smaller flags.

Ferro stated, yes.

Chairman Weinstein asked what the smallest sized flag is.

Ferro indicated he does not have the exact size.

Chairman Weinstein asked if the pole height of 60 feet was also a standard?

Ferro indicated that the poles are typically scaled to the size of the flag.

Chairman Weinstein indicated that he has concerns about setting a precedent for such a large variation request and asked if a smaller version of the flag could be proposed.

Ferro responded that Belle Tire has done smaller sizes when needed.

Com. Spunt asked if the flag would be up year-round.

Ferro responded, yes.

Com. Spunt asked about the logo "tire man".

Brink indicated that Belle Tire acquired tire man, which is why that is now part of the logo.

Com. Moodhe asked about the size of the flag at the Palatine location.

Ferro indicated he thinks it was the full-size flag, but he would have to look it up to confirm.

Chairman Weinstein asked staff if the flag variation could be removed from the package.

Village Attorney, Brankin replied yes, but that it may be handled better with a not to exceed number. He indicated if the commission is not in favor of granting any relief for the flag the commission would need to make two separate motions.

Com. Worlikar discussed the other sign variations.

Binder indicated the requests are due to the corporate standards of Belle Tire.

Brink indicated that this sign package is smaller than Bell Tire usually puts up and that the west wall signage is important to see from roads leading to site access.

Chairman Weinstein asked about the location of the flagpole and if it will hang over Lake Cook Road.

Binder pointed out the flag radius shown on one of the plans, confirming that it would not overhang onto Lake Cook Road.

Ferro indicated that the flag has a 30-foot radius.

Chairman Weinstein indicated that he does not want to set up a situation where they would have to come back for the flag size. The Commissioners discussed the flag size and agreed that they would be ok with a not to exceed amount of 400 square feet and a pole height not to exceed 50 feet.

Chairman Weinstein entered the staff report into the record as Exhibit 1.

The Public Hearing closed at 8:49 PM.

Comm Richards made a motion to recommend approval of the amendment to the Planned Unit Development and Preliminary Plan approved by Ordinance No. 2021-067 and Sign Variations to allow the construction of a Belle Tire and operation of a Minor Automobile Repair with General Retail Sales on the property located at 704 E Lake Cook Road, subject to the following conditions:

- 1. The proposed project shall be developed in substantial conformance with the plans attached as part of the petition, with the exception of the proposed flag and flagpole which shall not exceed 400 square feet in area and 50 feet in height respectively.*
- 2. The Final Engineering plans shall be submitted in a manner acceptable to the Village.*

3. *Any directional or incidental signage added to the sign package shall be reviewed administratively by staff.*
4. *The Final landscape plans shall be submitted in a manner acceptable to the Village Forester.*
5. *The landscaping on the site shall be maintained in compliance with the approved landscape plan in perpetuity.*

Com. Worlikar seconded the motion.

Chairman Weinstein spoke in favor of the motion indicating that overall, this is a great project that fits in with the other uses, the variations are reasonable, noting his concerns about the flag size.

Com. Moodhe spoke in favor of the motion and indicated that this use will keep the flow of what is already going on Lake Cook Road. He stated that the proposed solution is a reasonable compromise for the flag.

RESULT:	RECOMMENDATION TO APPROVE [UNANIMOUS]
AYES:	Moodhe, Spunt, Weinstein, Richards, Worlikar, Saxena
ABSENT:	Amy Au, Jason Davis

Regular Meeting

Other Matters for Discussion

Approval of Minutes - None to Approve

Chairman's Report

Committee and Liaison Reports

Committee Liaison provided an update on the last Village Board Meeting.

Staff Report/Future Agenda Schedule

Staff indicated that there will be a meeting on November 15th to discuss special use amendments for Torah Academy, the Golf Dome at Rylko Park and Parkchester Park.

Public Comments and Questions

Adjournment

The meeting was adjourned at 8:54 PM

Action Items

Kelly Purvis

11/1/2023

APPROVED BY ME THIS 1st DAY OF November, 2023

Mitchell Weinstein, Commissioner



Ordinance with Purchase : Authorization to Execute an Agreement for Ambulance Billing Services

Summary

Staff recommends authorizing the Village Manager to execute the agreement with Paramedic Billing Services. The agreement term is three years with possible one-year extensions and reduces the fee charged by Paramedic Billing Services to 3.25% down from 3.5%.

Recommended Motion

SUMMARY: Staff recommends authorizing the Village Manager to execute the agreement with Paramedic Billing Services. The new agreement will reduce the Village's costs.

ATTACHMENTS:

1. 2024 PBS Memo
2. PBS Ordinance
3. PBS Agreement - 2024

Trustee Liason

Trustee Cesario

Staff Contact

William Baker, Fire Chief



MEMORANDUM

DATE: March 11, 2024

TO: Dane Bragg, Village Manager

FROM: Mike Baker, Fire Chief
Lawrence Kane, Deputy Fire Chief

SUBJECT: Ambulance and Paramedic Billing Services

Recommendation

Staff recommends authorizing the Village Manager to execute the agreement with Paramedic Billing Services. The agreement term is three years with possible one-year extensions and reduces the fee charged by Paramedic Billing Services to 3.25% down from 3.5%.

Background

The Village of Buffalo Grove has contracted with Paramedic Billing Services (PBS) since 2016 for all billing functions relating to emergency medical services. In 2021, the Village negotiated an extension to the original 2016 contract, bringing the total cost of billing services from 5% of all funds collected down to a rate of 3.5%. With the expiration of the 2021 extension, the Village sought to again renegotiate its contract with PBS. The new proposed agreement expires in 2027 and further reduces the cost for service down to 3.25% of all funds collected. As shown in the revenue estimate summary below, the proposed contract would lead to an estimated savings in commission fees of \$6,905.47 annually.

	Existing Agreement (3.5%)	Proposed Agreement (3.25%)
Gross Revenue Processed through PBS	\$2,763,734.69	\$2,763,734.69
Commission Paid to PBS	\$96,726.85	\$89,821.38
Estimated Savings		\$6,905.47

**AN ORDINANCE AUTHORIZING EXECUTION OF AN AGREEMENT WITH PARAMEDIC BILLING SERVICES, INC.,
FOR AMBULANCE AND FIRE BILLING SERVICES**

WHEREAS, the Village of Buffalo is a home rule unit pursuant to the Illinois Constitution of 1970;
and

WHEREAS, the Village sought out companies qualified to provide the requested services and
materials; and

WHEREAS, the Village engaged in a procurement process to obtain the best value for money.

**NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE
VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS**, as follows:

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance
as if fully set forth herein.

SECTION 2. The Village Manager is authorized to execute an Agreement with Paramedic Billing Services,
Inc., for Ambulance and Fire Billing Services, pending final review and approval of the agreement by the
Village Attorney.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the
invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and
not be codified.

AYES: _____
NAYES: _____
ABSENT: _____
PASSED: _____, 2024
APPROVED: _____, 2024

APPROVED:

Eric N. Smith, Village President

ATTEST:

Janet Sirabian, Village Clerk



**PARAMEDIC BILLING SERVICES, INC.
BILLING AGREEMENT
FOR**

Village of Buffalo Grove

Submitted By:

Firm Name: PARAMEDIC BILLING SERVICES, INC.
Address: 395 W. Lake Street, Elmhurst, Illinois 60126
Telephone: (630) 903-2372
Fax Number: (630) 903-2869
Contact: Thomas Deegan, Client Liaison

2024

SCOPE OF SERVICES

The primary function of PARAMEDIC BILLING SERVICES, INC. pursuant to this Agreement is to bill individuals or entities on behalf of the Village of Buffalo Grove for fire, ambulance, or other services authorized under Buffalo Grove's ordinances and to collect funds directly from individuals, entities, guarantors, or third party payers, as applicable, for these services. PARAMEDIC BILLING SERVICES, INC. will be using information for billing processes from the official ambulance, fire or other reports submitted by the Village of Buffalo Grove to PARAMEDIC BILLING SERVICES, INC.

**BILLING AGREEMENT
FOR
Village of Buffalo Grove**

THIS AGREEMENT made and entered into between the Village of Buffalo Grove (hereinafter referred to as "Client"), located at 50 Raupp Boulevard, Buffalo Grove, Illinois, 60089 and Paramedic Billing Services, Inc. (hereinafter referred to as "PBS"), located at 395 W. Lake Street, Elmhurst, IL 60126 each a "Party" and collectively "Parties" effective on the date of execution of the Agreement by Client.

WITNESSETH:

WHEREAS, Client provides fire, ambulance, or other services authorized under Client's ordinances (hereinafter "Services") for the residents of its community and the surrounding community (hereinafter "Recipients");

WHEREAS, PBS is in the business of billing for Services; and

WHEREAS, Client and PBS desire that PBS handle all of the billing functions for Services provided by Client.

NOW, THEREFORE, in consideration of the mutual recitals and the promises contained herein and other good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged by both Client and PBS, the Parties agree as follows:

1. Incorporation of Recitals. The recitals set forth above are hereby incorporated by reference into this Agreement and made a part hereof as if set forth in their entirety.
2. Incorporation of Attachments. All appendixes attached to this Agreement shall be incorporated and made part of the Agreement as if fully set forth in the Agreement.
3. Procedures. PBS shall prepare all bills and claim forms for Services provided by Client. Billing procedures shall be in accordance with the procedures set forth in the attached Appendix A. PBS shall send bills and claim forms to third party payers and/or to Recipients/Recipient guarantors, as appropriate. Client shall report all collections and Explanation of Benefits ("EOBs") to PBS on a timely basis, as provided in the attached Appendix A.
4. Billing Guidelines. PBS shall prepare all bills and claim forms for Services provided by Client pursuant to the Billing Guidelines set forth in the attached Appendix B.
5. Lockbox Account. Funds collected for Client by PBS shall be maintained in an account at a bank designated by Client and in the name of the Client.
6. Reports and Accounting. On or before the 15th day of each month that this Agreement is in effect, PBS shall provide Client with an accounting of all sums collected during the previous month, indicating the name of the Recipient, the date of service, the amount

billed and the amount collected. Upon request, PBS shall provide Client with additional information that is reasonably required to verify the accuracy of the accounting.

7. Administration. PBS shall be responsible for processing all documentation, as required under federal, state, and local law, regulation or guidance. If this Agreement or any documentation prepared in accordance with this Agreement is subject to or requested by any governmental agency, PBS shall have primary responsibility for complying with such request and shall truthfully respond to all agency requests, with notice to the Client, to the extent such notice is permitted by law or the applicable agency. If PBS receives any legal notices, demands, subpoenas, or summons in regard to this Agreement, to the extent allowed under law and deemed advisable by PBS counsel, PBS shall notify Client and give Client the opportunity to review and assist in a response. PBS shall keep adequate records at PBS's principal place. Client and its agents shall have the right to inspect such records and shall be given access to such records upon reasonable notice and at any reasonable time upon Client's request. This provision shall survive the termination of this Agreement. PBS shall preserve such books and records for the legally required time period.
8. Programming. PBS shall provide a separate and complete Accounts Receivable program within PBS's computer billing system for the exclusive purpose of collections for Client.
9. Guidelines. Client shall provide to PBS guidelines for sending the bills and claims. Client shall provide to PBS or authorize PBS to receive all information necessary to issue bills or claims.
10. Fees. Client shall pay PBS a fee of 3.25% for all payments collected based on the payments received in the preceding month, whether payment is made to PBS or sent directly by the payer to Client. When PBS sends claims to a third-party collection agency, Client shall pay the collection agency fee in addition to the fee due to PBS per this section. Client agrees to provide PBS with notice and documentation of any payments directly received by it within ten (10) calendar days of receipt of said payment. PBS shall issue invoices on or before the 15th (fifteenth) day of each month for the preceding month; if the 15th falls on a weekend or holiday, invoices shall be issued the next business day. Client agrees to pay each invoice within forty-five (45) calendar days.

Upon the Client's request and as part of the consideration of this Agreement, Contractor shall provide consulting services to the Client to assist with evaluating the Client's ambulance billing needs.

11. Billing in Name of Client. All the billing for Services shall be in the name of the Client and on its behalf, including indemnification from third-party payers.
12. Term. This Agreement shall commence as of the date of the execution of the Agreement by the Client and shall continue for three (3) years (hereinafter referred to as the "Initial Term") unless sooner terminated pursuant to this Agreement. This agreement shall renew upon mutual agreement for additional one-year terms pursuant to the same terms and conditions set forth herein, except as otherwise agreed to by the parties,

unless sooner terminated by the parties.

13. Termination for Cause. Either Party shall have the right to terminate this Agreement immediately upon the filing of a petition of bankruptcy, assignment for the benefit of creditors or the issuance of a cease and desist order or other action by any appropriate state, federal or local governmental agency or court of competent jurisdiction, which prohibits or threatens to prohibit, in whole or in part, either Party from performing the services required under this Agreement.
14. Termination Without Cause. Termination of this Agreement by either Party for any reason will be effective with sixty (60) calendar days prior written notice. The Parties agree that the termination will only apply to the receipt of new accounts by Client. PBS will continue its efforts in collecting Recipient accounts already in its possession. PBS will also continue its efforts in collecting Recipient accounts already placed with any external agency. PBS shall assess a fee and pass on any collection agency fees as outlined in Section 11, "Fees", on any amounts paid to Client for payment of a claim placed with any external agency regardless of whether the fee was directly obtained by the external agency.
15. Protection of Recipient Information. All records relating to Services rendered by Client, including but not limited to protected health information (PHI) as defined under the Health Insurance Portability and Accountability Act of 1996 (HIPAA) and all subsequent amendments thereto, such as claims and run reports, shall be and remain the sole property of Client. PBS shall comply with all applicable laws and regulations relating to Recipient confidentiality including but not limited HIPAA and shall not use or further disclose confidential information or PHI other than as permitted or required by this Agreement, by law, or by the Business Associate Agreement attached hereto as Appendix C.
16. Confidentiality. Trade secrets and confidential information that may be received by any Party or its employees, directly or indirectly, that are exempt from public disclosure under applicable laws shall remain the property of the disclosing Party and shall be kept confidential by the Party to whom such trade secrets or confidential information was disclosed. Such information will be utilized only for the purposes of carrying out the services and purposes of this Agreement, and each Party to which such information is disclosed shall cause each of its employees to comply with the foregoing. Upon termination of this Agreement, each Party agrees to surrender to the disclosing Party any and all trade secrets, confidential information, material, tangible items, or written information supplied by the disclosing Party. The obligations of this Section will survive the termination or expiration of this Agreement.
17. Relationship of the Parties. Notwithstanding anything to the contrary in this Agreement or elsewhere, PBS is an independent contractor with respect to the Client. There is no agency, employment relationship, partnership, or joint venture between the Contractor, its employees, and the Client and/or the Client's employees. No one connected with PBS, except in writing signed by the director of PBS has any right, power or authority to

act or create any obligation or binding promises or agreements, express or implied except as specifically outlined herein.

18. Publicity. Neither party shall without the prior written consent of the other Party: (a) refer to, identify, or use the name or any trade name or trademark of the other Party or any of its employees in any advertising or communications in any form; (b) make publicity releases, promotional or marketing materials, announcements, customer listings, testimonials, or advertising regarding the other or any of its employees, this Agreement, the services or any related activities, or (c) take any photographs, video or other recordings of the property of each Party or any of its employees.
19. Payments to Third Parties. PBS shall comply with all federal, state, and local law, regulation or guidance regarding political donations and charitable contributions.
20. Entire Agreement. This Agreement contains the entire agreement and understanding between the Parties in regard to the subject matter hereof and supersedes and replaces all prior agreements, negotiations, and arrangements concerning its subject matter; this Agreement is not subject to modification, alteration or amendment except by further written agreement signed by all Parties.
21. Non-Assignability. This Agreement shall be binding upon and inure to the benefit of the Parties hereto and their respective successors and assigns, provided, however, that this Agreement shall not be assignable by either Party without the prior written consent of the other Party that shall not be unreasonably withheld.
22. Non-Waiver. No waiver of any provision shall constitute a waiver of any other provision, nor shall any waiver be deemed continuing unless otherwise expressly so provided in writing by the Party against which the waiver is asserted.
23. Severability. If any portion of this Agreement is determined to be invalid by law or court interpretation: (1) the court or other tribunal may “blue pencil” or revise said portion so that it is enforceable to the fullest extent permitted by law; (2) the Parties agree to attempt in good faith to renegotiate the problematic provision to the mutual satisfaction of the Parties; or (3) if revision is deemed impermissible, that portion shall be removed from this Agreement. In the event the Parties are not able to mutually agree on modification of the problematic provision, then either Party may terminate this Agreement upon thirty (30) calendar days written notice to the other Party if the terminating Party has a good faith belief based on the advice of legal counsel that the problematic provision creates an unfavorable exposure under applicable laws. All other portions of this Agreement shall remain in full force and effect.
24. Choice of Law and Venue. This Agreement shall be governed by and construed in accordance with the laws of the State of Illinois without regard to its conflict of law principals. No provision of this Agreement shall be applied or construed in a manner inconsistent with applicable federal, state, and local law, regulation, or guidance. The Parties hereby agree that all actions or proceedings arising in connection with this Agreement shall be tried or litigated exclusively in the state courts located in Illinois, or in the federal district court located at Illinois Northern District Court to the extent

permitted by law and a Party elects to file an action in federal court. The Parties hereby waive all objections to personal jurisdiction, venue, and forum non-conveniens.

25. Compliance with Law. Notwithstanding any other provision in this Agreement to the contrary, both Parties remain exclusively responsible for ensuring that any service provided pursuant to this Agreement complies with all pertinent provisions of federal, state, and local law, regulation, or guidance.
26. No Third-Party Beneficiaries. It is the explicit intent of the Parties hereto that no person or entity other than the Parties hereto, except assignees as contemplated in Section 22, is or shall be entitled to bring any action to enforce any provision of this Agreement against either of the Parties hereto.
27. Notices. All notices that are required hereunder, of which either Client or PBS may desire to serve upon the other Party, shall be in writing, personally delivered, sent by certified mail, return receipt requested, with postage prepaid, or by a recognized overnight carrier, to the Parties at the following address, (or at such other or further addresses as the Parties may hereafter designate by like notice similarly sent). Notices shall be deemed received upon receipt (if personally delivered), two (2) business days after deposit in the United States Mail (if mailed), or one business day after deposit with a recognized overnight carrier. If either Party chooses to use a recognized overnight carrier to deliver such notice, then the notice shall be by restricted delivery and only the person or persons listed below are the authorized signatories:
- | | |
|--|--|
| <p>If to Client:
<u>William Baker</u>
<u>Village of Buffalo Grove</u>
<u>50 Raupp Blvd.</u>
Buffalo Grove, IL 60089</p> <p>With a copy to:
dbragg@vbg.org
pbrankin@schainbanks.com</p> | <p>If to PBS:
David B. Hill, III, President
Paramedic Billing Services, Inc.
395 W. Lake St.
Elmhurst, IL 60126</p> <p>With a copy to:
Thomas Deegan, Client Liaison
Paramedic Billing Services, Inc.
395 W. Lake St.
Elmhurst, IL 60126</p> |
|--|--|
28. Subpoenas and Records Requests. PBS shall charge and retain fees as allowed under applicable federal, state, and local law, regulation or guidance for reproduction of medical records upon valid request. PBS shall charge Client a court appearance fee of \$100.00 for each instance that a PBS employee is required to appear in court or at a deposition in any action related to the collection of a fee for Client.
29. Headings. The headings and subheadings in this Agreement are inserted for convenience of reference only and shall not affect the meaning or interpretation of this Agreement.
30. Billing Guidelines. PBS, in its sole discretion, shall make all billing decisions, including, but not limited to, decisions on the level of service billed and determination of medical

necessity. Such decisions shall be made based on the guidelines, policies and regulations issued by Medicaid, Medicare, or other third party payer.

31. Signature. It is the responsibility of Client (when Client's employees are providing Services) to obtain the signature of the Recipient or verification that it could not be obtained for assignment of benefits forms, and any other documents required by Medicaid, Medicare, or a third party payer (for purposes of this paragraph collectively "Payer") for any purpose including but not limited to establishing medical necessity. Client shall (a) submit to PBS all signatures necessary to properly bill Payers or (b) verification that signatures could not be obtained. Upon receipt of the necessary signatures or verification, PBS shall bill the Payer. PBS shall send Client a list of accounts requiring signatures or verification. PBS shall also send an invoice to the Recipient containing a signature form notifying the Recipient that the signature form must be completed and sent to PBS in order for PBS to bill a Payer and that absent receipt, Recipient is responsible for payment.
32. Notice of Privacy Practice. It is the responsibility of Client to comply with the HIPAA Privacy Rule's Notice of Privacy Practices for Protected Health Information (45 CFR 164.520).
33. Overpayments. In the event there are any overpayments due to third party payers based on Client's acts or omissions or for which PBS is otherwise not responsible (e.g. Client not obtaining signatures as required per Section 31 or Client not complying with the law as required in Section 34), PBS shall not assume any responsibility or liability for the overpayment and PBS shall keep the fees described in this Agreement.
34. Compliance with Law. It is the responsibility of Client (when Client's employees are providing Services) to ensure compliance with local, state, and federal rules, statutes, and sub-regulatory guidance including but not limited to ensuring: i) crew are appropriately licensed and certified, ii) crew are not excluded from participation in federally funded healthcare programs, and iii) Services are appropriately documented.
35. Contract Interpretation. Each Party and its counsel have had the opportunity to participate fully in the review and revision of this Agreement. Any rule of construction to the effect that ambiguities are to be resolved against the drafting Party shall not apply in interpreting this Agreement. The language in this Agreement shall be interpreted in accordance with its plain meaning and not strictly for or against any Party.
36. Non-Solicitation. The Parties agree not to, directly or indirectly, solicit, or cause or induce on its own behalf or for any third party to solicit, for the purpose of hiring any of the Parties' employees to perform like services for the duration of this Agreement unless mutually agreed by the Parties.
37. Execution. This Agreement may be executed in two or more counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same instrument.

38. Authority. PBS and Client represent that this Agreement is executed in accordance with the requirements of their respective organizations.

39. Screenings. The Office of the Inspector General (“OIG”) of the Department of Health and Human Services (“HHS”) has the authority to exclude individuals and entities from federally funded health care programs pursuant to sections 1128 and 1156 of the Social Security Act. The OIG maintains a list of all currently excluded individuals and entities called the List of Excluded Individuals and Entities (“LEIE”). Exclusion databases are also maintained by state agencies that oversee the State Medicaid Program and by the U.S. General Services Administration. Any health care entity or healthcare billing entity that hires or contracts with an individual or entity excluded from federally funded health care programs (“Excluded Person”) may be subject to civil monetary penalties (CMP). To avoid exclusion and CMP liability, parties to health care contracts that involve the Medicare/Medicaid claim development and submission process and other processes affecting compliance with federal or state law need to routinely check exclusion lists to ensure that new hires, current employees, vendors, and subcontractors are not Excluded Persons. The primary effect of hiring or having an employee who is an Excluded Person or contracting or subcontracting with an Excluded Person is that no payment will be provided for any items or services furnished, ordered, or prescribed by the Excluded Person.

1. Both Parties represent and warrant that they, their new hires, current employees, vendors, and subcontractors are not excluded from, or proposed for exclusion from, participation in, and are not otherwise ineligible to participate in, a “Federal Health Care Program” as defined in 42 U.S.C. Section 1320a-7b(f) (or any applicable successor statutory section).
2. Each Party shall not knowingly employ or contract with any individual or entity that has been excluded from or barred from participation in any Federal Healthcare Program.
3. Each Party shall be responsible for conducting a background screening per their policies, or as otherwise required by law for their new hires, employees, vendors and subcontractors which shall minimally include:
 - i. OIG List of Excluded Individuals/Entities available at: <http://oig.hhs.gov/exclusions/exclusionslist.asp>.
 - ii. Any exclusion database maintained by the state agency that oversees the State Medicaid Program.
 - iii. The U.S. General Services Administration Excluded Parties List System. This list can be accessed at: <http://www.sam.gov>.
 - iv. An appropriate source for a state or local background check (e.g. State Bureau of Criminal Apprehension, Bureau of Investigation, local Sheriff’s Department).

4. Each Party shall immediately, but no later than three (3) business days, disclose to the other any results of the background screening that may impact the Medicare/Medicaid or other government healthcare claim development and submission process and other processes affecting compliance with federal or state healthcare law.
 5. Whether or not such notice is given, each Party may immediately terminate this Agreement without penalty or any other amounts owing as a result of such termination.
 6. If either Party's failure to conduct a routine check or make a notification as provided herein impacts reimbursement under this Agreement or causes the OIG to assess CMP which impacts the other Party under this Agreement, the Party that was responsible for and failed to conduct the check or make the notification shall be responsible to the extent permitted by law (i) for reimbursing the other Party for services provided under this Agreement and (ii) for reasonable costs associated with any OIG inquiries and investigations related thereto.
40. Indemnification. It is expressly understood and agreed that each Party shall to the extent permitted by law, defend, indemnify, save, and hold harmless the other, its parent corporations, affiliates, subsidiaries, successors and assigns, and their respective present and former agents, officers, volunteers, and employees from any and all claims, liabilities, obligations, debts, charges, settlements or judgments (including attorneys' fees) arising from this Agreement or the other party's present and former agents, officers, volunteers, and employees attributable to the negligent acts or omissions of the other Party, its agents, officers, and employees while engaged in the performance of duties under this Agreement, provided that no Party shall have any obligation under this section with respect to liabilities caused by the gross negligence, reckless, fraudulent or deliberately dishonest conduct, or intentional misconduct of the other Party seeking indemnification; and in the event that a final determination that such claims or liabilities resulted from such party's gross negligence, reckless, fraudulent or deliberately dishonest conduct, or intentional misconduct is made by a court of competent jurisdiction, the indemnified Party shall immediately refund such monies and expenses paid pursuant to this section. Neither Party shall be obligated to indemnify the other Party for any claim or liability: (a) involving a claim by one Party against the other Party; (b) to the extent prohibited by law; (c) to the extent the Party seeking indemnification receives indemnification or insurance coverage from any other source. Provided that a Party is not in breach of its indemnification obligations hereunder, no Party being indemnified shall settle or compromise any claim subject to indemnification hereunder without the consent, of the Party providing such indemnification.

Each Party also agrees to indemnify and hold each other harmless for any settlement or judgment based upon the sole theory of apparent agency arising from the negligent acts or omissions of the other and/or its employees or agents.

Notwithstanding the above paragraph, neither Party shall be liable to the other for indemnification for, and each Party hereby releases the other from, any liability for

punitive, exemplary and consequential damages which may be suffered by such Party arising directly or indirectly out of the performance of this Agreement, including but not limited to the loss of use, loss of profits or business interruption (collectively, the "excluded damages"); provided that amounts owed as consideration under this Agreement shall not be deemed excluded damages.

Notwithstanding the foregoing, nothing contained within this Agreement is intended to be a waiver or estoppel of the Client, PBS, or its respective insurer's ability to rely upon the limitations, defenses and immunities contained within Illinois law, including, but not limited to Illinois Local Government Tort Immunity Act that may be applicable to the Client or PBS. To the extent that indemnification is available and enforceable, the parties or their respective insurers shall not be liable to in indemnity or contribution for an amount greater than the limits of liability for claims established by law. Each Party's obligation to indemnify hereunder is subject to the availability and limits of applicable insurance coverage. Under no circumstances shall either party be required to indemnify the other for its own negligent or intentional conduct.

For purposes of any defenses or immunities to claims and liabilities to third parties that the Client and/or its employees may be entitled under applicable laws, the parties agree that, to the extent permitted by law, PBS will be deemed the agent of the Client or standing in the shoes of the Client with respect to such defenses and immunities available to the Client.

This indemnification obligation shall be deemed to be contractual in nature and shall survive any termination of this Agreement.

41. Satisfaction of the Client. If any personnel or subcontractor fails to perform the Services in a manner satisfactory to the Village, the Village shall immediately contact the Consultant and inform Consultant of same, and the Parties shall negotiate in good faith and mutually agree upon a solution.

IN WITNESS WHEREOF, the Parties have hereunto set their seal this ____ day of _____, _____

CLIENT

PARAMEDIC BILLING SERVICES, INC.

By: _____

By: _____

Printed Name: _____

Printed Name: Michael Tillman

Its: _____

Its: Vice-President

APPENDIX A

Billing Procedures

1. PARAMEDIC BILLING SERVICES, INC. (PBS) shall provide electronic billing to all governmental and commercial carriers, where available. Otherwise, PBS shall provide paper billing on behalf of Client.
2. PBS will bill any and all appropriate government or commercial third party payers as agreed to by Client or as required by federal, state, or local law, regulation, or guidance.
3. PBS will invoice all Recipients/Recipient guarantors as agreed to by Client or as required by federal, state, or local law, regulation, or guidance.
4. PBS shall issue invoices on a billing form specific for Client.
5. PBS shall bill for Client's services in accordance with those rates determined by the Client or as required by the appropriate federal, state, or local law, regulation, or guidance. Client shall provide PBS with current rates. For any rate changes that may be implemented, Client shall immediately provide PBS with written notice of the rate changes.
6. Invoicing/collection activities will be conducted on the following schedule:
 - a. Immediate first steps:
 - i. First phone call verifies relevant insurance information.
 - ii. Medicaid/Medicare/government healthcare program reimbursement verified.
 - iii. Internet service verified for third party insurance.
 - b. Except as otherwise required by law, invoicing for Recipients with no insurance identified or for which insurance billing is not applicable:
 - i. Claims submitted to insurance carrier within an agreed upon time period after receipt of case source data.
 - ii. Second invoice mailed 30 calendar days after first invoice.
 - iii. First courtesy call 10 business days after second invoice.
 - iv. Third invoice mailed 30 calendar days after second invoice.
 - v. Follow up call 10 business days after third invoice.
 - vi. Collection letter 30 calendar days after third invoice.
 - vii. Follow up call 5 business days after collection letter.
 - viii. If there is no payment plan established, and the account remains unpaid after the billing cycle has been completed, then the account balance will be turned over to a third-party collection agency.
 - c. Except as otherwise required by law, invoicing for Recipients with insurance identified:

- i. Claim submitted to insurance carrier within five business days after receipt of case source data.
 - ii. If no payment is received within 45 calendar days from claim submission, an invoice will be sent to Recipient with message stating that there has been no payment or correspondence from their insurance carrier, and to please give the insurance carrier a call.
 - iii. If Recipient is a resident, the claim will continue to follow the procedures listed above in "Invoicing for Recipients with no insurance identified." If there is no payment plan established and the account remains unpaid after the billing cycle has been completed, the account balance is written off.
 - iv. If Recipient is a non-resident, the claim will continue to follow the procedures listed above in "Invoicing for Recipients with no insurance identified." If there is no payment plan established, and the account remains unpaid after the billing cycle has been completed, then the account balance will be turned over to a third-party collection agency.
- d. If an insurance payment is received on behalf of the Recipient for the service and a balance is remaining, PBS shall send its first invoice within five business days after receipt of the insurance payment and follow up in accordance with the schedule set forth in 6c above.
- e. PBS reserves the right to change the procedures listed in this paragraph 6 as deemed necessary for operational, business, or legal reasons.
- 7. PBS shall not refer delinquent accounts for external collection activity, as outlined in Section 6, or initiate any legal action on any Client account without the express authorization of the Client.
- 8. PBS accepts checks and all credit cards and may, in its discretion and in accordance with the law, pass on credit card fees to the cardholder.
- 9. PBS will set up payment plans where appropriate consistent with Client's policies and procedures and in accordance with law.
- 10. All payments shall be sent directly to the designated lockbox to allow rapid posting of payments. It is the responsibility of Client to notify PBS of any payments received at Client within 72 hours of all payments, correspondence, explanation of benefits, etc. relating to the services heretofore described.
- 11. PBS will submit a monthly payment receipt recap, and a monthly trip report detailing all of the transports billed from the previous month. It is the responsibility of Client to verify these reports and provide PBS with any missing data.
- 12. It shall be the responsibility of Client to audit the billing rates charged by PBS for the Services provided by Client on a quarterly basis to verify that the rates charged by PBS are the correct rates. Additionally, should Client decide to change the billing rates for the Services, Client shall notify PBS as required in

Section 5 and thereafter complete any necessary follow-up with PBS to insure that the changed rate is being applied by PBS.

BUSINESS ASSOCIATE AGREEMENT

This HIPAA Business Associate Agreement (the "Agreement") is entered into on _____, 2024 ("Effective Date") by and between the Village of Buffalo Grove ("Covered Entity"), and Paramedic Billing Services, Inc. ("Business Associate") (each a "Party" and collectively the "Parties").

1. BACKGROUND

Business Associate performs functions, activities, or services for, or on behalf of, Covered Entity under an existing written agreement (the "Underlying Agreement") and Business Associate creates, receives, maintains, or transmits Protected Health Information ("PHI"), including Electronic Protected Health Information ("EPHI"), in order to perform such functions, activities, or services (referred to collectively as the "Services"). The purpose of this Agreement is to set forth the terms and conditions of disclosure of PHI by Covered Entity to Business Associate, to set forth the terms and conditions of Business Associate's use and disclosure of PHI, and to ensure the confidentiality, integrity, and availability of EPHI that Business Associate creates, receives, maintains, or transmits on behalf of Covered Entity. It is the intent of Covered Entity and Business Associate that this Agreement will meet the requirements of the Health Insurance Portability and Accountability Act of 1996 ("HIPAA"), the American Recovery and Reinvestment Act of 2009, Public Law 111-5 ("ARRA"), the Privacy Rule, and the Security Rule, 45 C.F.R. Parts 160 and 164.

2. DEFINITIONS

Terms used, but not otherwise defined, in this Agreement shall have the same meaning as those terms in HIPAA, ARRA, the Privacy Rule, and the Security Rule. Following are some of the key terms of this Agreement.

2.1 *Electronic Protected Health Information.* "Electronic Protected Health Information" or "EPHI" shall have the same meaning as the term "electronic protected health information" in 45 C.F.R. § 160.103, but shall be limited to the EPHI that Business Associate creates, receives, maintains, or transmits on behalf of Covered Entity.

2.2 *Individual.* "Individual" shall have the same meaning as the term "individual" in 45 C.F.R. § 160.103 and shall include a person who qualifies as a personal representative in accordance with 45 C.F.R. § 164.502(g).

2.3 *Minimum Necessary.* "Minimum Necessary" shall have the same meaning as "minimum necessary" described in 45 C.F.R. § 164.502(b) and Section 13405(b) of ARRA.

2.4 *Privacy Rule.* "Privacy Rule" shall mean the Standards for Privacy of Individually Identifiable Health Information at 45 C.F.R. Parts 160 and Part 164, subparts A and E.

2.5 *Protected Health Information.* "Protected Health Information" or "PHI" shall have the same meaning as the term "protected health information" in 45 C.F.R. § 160.103, but shall be limited to the information that Business Associate creates, receives, maintains, or transmits on behalf of Covered Entity.

2.6 *Required by Law.* "Required by Law" shall have the same meaning as the term "required by law" in 45 C.F.R. § 164.103.

2.7 *Secretary.* "Secretary" shall mean the Secretary of the United States Department of Health and Human Services or his designee.

2.8 *Security Incident.* "Security Incident" shall have the same meaning as "security incident" in 45 C.F.R. § 164.304.

2.9 *Security Rule.* "Security Rule" shall mean the Security Standards for the Protection of EPHI at 45 C.F.R. Parts 160 and 164, subparts A and C.

2.10 *Subcontractor.* "Subcontractor" shall have the same meaning as "subcontractor" in 45 C.F.R. § 160.103.

3. OBLIGATIONS AND ACTIVITIES OF BUSINESS ASSOCIATE

3.1 *Use and Disclosure.* Business Associate agrees to not use or disclose PHI other than as permitted or required by this Agreement and any Underlying Agreement(s) related to the Services, or as Required by Law. Business Associate shall also comply, where applicable, with the Privacy Rule and the Security Rule.

3.2 *Safeguards.* Business Associate agrees to use appropriate safeguards and comply, where applicable, with the Security Rule with respect to EPHI, to prevent use or disclosure of the information other than as provided for by this Agreement.

3.3 *Business Associate's Reporting Obligations.*

(a) *Reports of Non-Permitted Use or Disclosure.* Business Associate agrees to report to Covered Entity any use or disclosure of the PHI not provided for by this Agreement of which Business Associate becomes aware. Where applicable, such report shall comply with the requirements outlined in Sections 3.3(b) and 3.3(c).

(b) *Reports of Breach of Unsecured PHI.*

1. For purposes of this Section, "Breach" and "Unsecured PHI" shall have the same meaning as "breach" and "unsecured protected health information," respectively, as such terms are defined by 45 C.F.R. § 164.402.
2. Following the discovery of a Breach of Unsecured PHI, Business Associate shall notify Covered Entity of the Breach. Such notification shall be made without unreasonable delay after discovering the Breach, but no later than sixty (60) calendar days after its discovery.
3. Business Associate's notice shall include, to the extent possible, the identification of each Individual whose Unsecured PHI has been, or is reasonably believed by Business Associate to have been, accessed, acquired, used, or disclosed during or as a result of the Breach. Business Associate shall also provide Covered Entity with at least the following information: a description of the Breach, including the date of Breach and the date of discovery of the Breach, if known; a description of the types of Unsecured PHI involved in the Breach; any steps Individuals should take to protect themselves from potential harm resulting from the Breach; a brief description of what Business Associate is doing to investigate the Breach, to mitigate harm to Individuals, and to protect against any further Breaches; and any other information Covered Entity is required to include in notification to the affected Individual(s) under 45 C.F.R. § 164.404(c). Business Associate will provide additional information to Covered Entity as such information becomes available.

- (c) *Reports of Security Incidents.* Business Associate agrees to report to Covered Entity any Security Incident of which it becomes aware. Where applicable, such report shall comply with the requirements outlined in Sections 3.3(a) and (b). This Agreement serves as Business Associate's notice to Covered Entity that attempted but unsuccessful Security Incidents, such as pings and other broadcast attacks on Business Associate's firewall, port scans, unsuccessful log-on attempts, denials of service and any combination of the above, regularly occur and that no further notice will be made by Business Associate unless there has been a successful Security Incident.

3.4 *Subcontractors.* Business Associate agrees to ensure that any Subcontractor that creates, receives, maintains, or transmits PHI (including EPHI) on behalf of Business Associate agrees to substantially the same restrictions and conditions that apply through this Agreement to Business Associate with respect to such information, including but not limited to, compliance with the applicable requirements of 45 C.F.R. Parts 160 and 164. Such agreement between Business Associate and the Subcontractor must be made in writing and must comply with the terms of this Agreement and the requirements outlined in 45 C.F.R. §§ 164.504(e) and 164.314.

3.5 *Access to Designated Record Set.* The Parties do not intend for Business Associate to maintain any PHI in a Designated Record Set for Covered Entity. To the extent Business Associate possesses PHI in a Designated Record Set, Business Associate agrees to provide access, at the request of Covered Entity, to PHI in a Designated Record Set, to Covered Entity or, as directed by Covered Entity, to an Individual in order to meet the requirements under 45 C.F.R. § 164.524. Business Associate is not required to provide such access where the PHI contained in a Designated Record Set is duplicative of the PHI contained in a Designated Record Set possessed by Covered Entity. If an Individual makes a request for access pursuant to 45 C.F.R. § 164.524 directly to Business Associate, or inquires about his or her right to access, Business Associate will either forward such request to Covered Entity or direct the Individual to Covered Entity.

3.6 *Amendments to Designated Record Set.* The Parties do not intend for Business Associate to maintain any PHI in a Designated Record Set for Covered Entity. To the extent Business Associate possesses PHI in a Designated Record Set, Business Associate agrees to make available such PHI for amendment and incorporate any amendment(s) to PHI in a Designated Record Set that Covered Entity directs or agrees to pursuant to 45 C.F.R. § 164.526 at the request of Covered Entity or an Individual. If an Individual submits a written request for amendment pursuant to 45 C.F.R. § 164.526 directly to Business Associate, or inquires about his or her right to amendment, Business Associate will either forward such request to Covered Entity or direct the Individual to Covered Entity.

3.7 *Accounting of Disclosures.*

- (a) Business Associate agrees to document such disclosures of PHI and information related to such disclosures as would be required for Covered Entity to respond to a request by an Individual for an accounting of disclosures of PHI in accordance with 45 C.F.R. § 164.528.
- (b) Business Associate agrees to provide to Covered Entity or an Individual information collected in accordance with Section 3.7(a) of this Agreement, to permit Covered Entity to respond to a request by an Individual for an accounting of disclosures of PHI in accordance with 45 C.F.R. § 164.528.

3.8 *Compliance with Law.* To the extent Business Associate is expressly obligated under the Underlying Agreement(s) to carry out one or more of Covered Entity's obligation(s) under the Privacy Rule, Business Associate shall comply with the requirements of the Privacy Rule that apply to Covered

Entity in the performance of such obligation(s).

3.9 *Internal Practices.* Business Associate agrees to make internal practices, books, and records relating to the use and disclosure of PHI received from, or created or received by Business Associate on behalf of, Covered Entity available to the Secretary for purposes of the Secretary determining Covered Entity's compliance with the Privacy Rule and Security Rule.

3.10 *Mitigation.* Business Associate agrees to mitigate, to the extent practicable, any harmful effect that is known to Business Associate of a use or disclosure of PHI by Business Associate in violation of the requirements of this Agreement.

4. PERMITTED USES AND DISCLOSURES BY BUSINESS ASSOCIATE

4.1 *General Use and Disclosure.*

- (a) Except as otherwise limited in this Agreement, Business Associate may use or disclose PHI to perform Services for, or on behalf of, Covered Entity as such services may be specified in any Underlying Agreement(s), provided that such use or disclosure would not violate the Privacy Rule or the Security Rule if done by Covered Entity.
- (b) All uses and disclosures of PHI must comply with the Minimum Necessary requirements under the Privacy Rule. The Party disclosing PHI shall determine what constitutes the Minimum Necessary to accomplish the intended purpose of the disclosure.

4.2 *Specific Use and Disclosure.*

- (a) Business Associate may use or disclose PHI to carry out Business Associate's legal responsibilities and for the proper management and administration of Business Associate, provided that any such disclosures are either (1) Required by Law, or (2) Business Associate obtains reasonable assurances from the person to whom the information is disclosed that it will remain confidential and used or further disclosed only as Required by Law or for the purpose for which it was disclosed to the person, and the person notifies Business Associate of any instances of which it becomes aware in which the confidentiality of the information has been breached.
- (b) Business Associate may use PHI to provide Data Aggregation services to Covered Entity as permitted by 45 C.F.R. § 164.504(e)(2)(i)(B).
- (c) Business Associate may use and disclose PHI to report violations of law to appropriate state and federal authorities, to the extent permitted or required by 45 C.F.R. § 164.502(j)(1) and state law.
- (d) Business Associate may use PHI to create de-identified information in accordance with the requirements outlined in the Privacy Rule. Data that has been de-identified will no longer be subject to the terms of this Agreement.

5. OBLIGATIONS OF COVERED ENTITY

5.1 *Privacy Practices.* Covered Entity will notify Business Associate of any limitation(s) in its notice of privacy practices in accordance with 45 C.F.R. § 164.520, to the extent that such limitation may affect Business Associate's use or disclosure of PHI. Covered Entity will provide such notice no

later than fifteen (15) days prior to the effective date of the limitation.

5.2 *Notice of Changes Regarding Individual Permission.* Covered Entity will obtain any consent or authorization that may be required by the Privacy Rule, or applicable state law, prior to furnishing Business Associate with PHI. Covered Entity will notify Business Associate of any changes in, or revocation of, permission by an Individual to use or disclose PHI, to the extent that such changes may affect Business Associate's use or disclosure of PHI. Covered Entity will provide such notice no later than fifteen (15) days prior to the effective date of the change.

5.3 *Notice of Restrictions to Use or Disclosure of PHI.* Covered Entity will notify Business Associate of any restriction to the use or disclosure of PHI that Covered Entity has agreed to in accordance with 45 C.F.R. § 164.522, to the extent that such restriction may affect Business Associate's use or disclosure of PHI. Covered Entity will provide such notice no later than fifteen (15) days prior to the effective date of the restriction. If Business Associate reasonably believes that any restriction agreed to by Covered Entity pursuant to this Section may materially impair Business Associate's ability to perform its obligations under the Underlying Agreement or this Agreement, the Parties will mutually agree upon any necessary modification of Business Associate's obligations under such agreements.

5.4 *Permissible Requests by Covered Entity.* Covered Entity shall not request Business Associate to use or disclose PHI in any manner that would not be permissible under the Privacy Rule or the Security Rule if done by Covered Entity, except that Business Associate may use or disclose PHI as set forth herein.

5.5 *Safeguards.* Covered Entity shall use appropriate safeguards to maintain the confidentiality, privacy, and security of PHI in transmitting PHI to Business Associate pursuant to this Agreement.

6. TERM AND TERMINATION

6.1 *Term.* This Agreement shall be effective upon the Effective Date and shall remain in effect until all of the PHI provided by Covered Entity to Business Associate, or created or received by Business Associate on behalf of Covered Entity, is destroyed or returned to Covered Entity, or, if it is infeasible to return or destroy PHI, protections are extended to such information, in accordance with Section 6.3(b).

6.2 *Termination.*

(a) Termination Resulting from the End of Services. This Agreement shall terminate in the event that the Underlying Agreement(s) under which Covered Entity discloses PHI to Business Associate terminates for any reason, or if the Services that give rise to the necessity of a business associate agreement terminate for any reason.

(b) Termination for Cause. Upon either Party's knowledge of a material breach of this Agreement by the other Party, the non-breaching Party must either:

1. Provide an opportunity for the breaching Party to cure the breach or end the violation opportunity to cure the breach within thirty (30) business days, and if the breaching Party does not cure the breach or end the violation within thirty (30) business days, the non-breaching Party shall terminate this Agreement; or
2. Immediately terminate this Agreement if cure is not possible.

6.3 *Return or Destruction of PHI.*

- (a) Except as provided in paragraph (b) of this Section, upon termination of this Agreement for any reason, Business Associate shall return or destroy all PHI received from Covered Entity, or created or received by Business Associate on behalf of Covered Entity, that Business Associate still maintains in any form. This provision shall also apply to PHI that is in the possession of Subcontractors of Business Associate. Business Associate shall retain no copies of the PHI.
- (b) In the event that Business Associate determines that returning or destroying the PHI is infeasible, Business Associate and its Subcontractors shall extend the protections of this Agreement to such PHI and limit further uses and disclosures of such PHI to those purposes that make the return or destruction infeasible, for so long as Business Associate and/or its Subcontractors maintain such PHI.

7. MISCELLANEOUS

7.1 *Regulatory References.* A reference in this Agreement to a section in the Privacy Rule, the Security Rule, HIPAA, or ARRA, or any other reference to a law or regulation, means the section or law as in effect as of the date of this Agreement or as subsequently amended.

7.2 *Amendment.* The Parties agree to take such action as is necessary to amend this Agreement from time to time to comply with the requirements of the Privacy Rule, the Security Rule, HIPAA, and ARRA.

7.3 *Survival.* The respective rights and obligations of Business Associate under Section 6.3 of this Agreement shall survive the termination of this Agreement.

7.4 *Interpretation.* Any ambiguity in this Agreement shall be resolved in favor of a meaning that permits compliance with the Privacy Rule, the Security Rule, HIPAA, and ARRA.

7.5 *Relationship to Other Agreement Provisions.* In the event that a provision of this Agreement is contrary to a provision of an Underlying Agreement or Agreements under which Covered Entity discloses PHI to Business Associate, the provision of this Agreement shall control. Otherwise, this Agreement shall be construed under, and in accordance with, the terms of such Underlying Agreement or Agreements between the Parties.

7.6 *Prior Business Associate Agreements.* Consistent with Section 7.5, this Agreement shall supersede any and all prior business associate agreement(s), or terms of other agreements addressing the privacy and security of PHI, between the Parties.

7.7 *No Third Party Beneficiaries.* Nothing express or implied in this Agreement is intended to confer, nor shall anything herein confer, upon any person other than Covered Entity or Business Associate any rights, remedies, obligations, or liabilities whatsoever.

7.8 *Modification of Agreement.* No alteration, amendment, or modification of the terms of this Agreement shall be valid or effective unless in writing and signed by Business Associate and Covered Entity.

7.9 *Relationship of Parties.* Business Associate, in furnishing services to Covered Entity, is acting as an independent contractor, and Business Associate has the sole right and obligation to supervise, manage, contract, direct, procure, perform, or cause to be performed, all work to be performed by Business Associate under this Agreement. Business Associate is not an agent of Covered Entity, and has no authority to represent Covered Entity as to any matters, except as expressly authorized in this Agreement.

7.10 *Notices.* Any notices required or permitted to be given under this Agreement by either Party shall be given in writing: (a) by personal delivery; (b) by electronic facsimile with confirmation sent by United States first class mail; (c) by bonded courier or nationally recognized overnight delivery service; or (d) by United States first class registered or certified mail, postage prepaid, return receipt requested, addressed to the Parties at the addresses set forth below or to such other addresses as the Parties may request in writing by notice pursuant to this Section 7.10. Notices shall be deemed received on the earliest of personal delivery, upon the next business day after delivery by electronic facsimile with confirmation that the transmission was completed or upon receipt by any other method of delivery.

Covered Entity: Village of Buffalo Grove, 50 Raupp Boulevard, Buffalo Grove, Illinois, 60089

Business Associate: Paramedic Billing Services, Inc., c/o Privacy Officer, 395 West Lake Street, Elmhurst, IL 60126

7.11 *Governing Law.* This Agreement shall be governed by and interpreted in accordance with the laws of the State of Illinois.

7.12 *Counterparts.* This Agreement may be executed in two (2) or more counterparts, each of which shall be deemed an original and when taken together shall constitute one agreement.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their duly authorized officers and made effective as of the Effective Date.

**Paramedic Billing Services, Inc.
Business Associate**

By: _____
Print Name: _____
Title: _____
Date: _____

Village of Buffalo Grove Covered Entity

By: _____
Print Name: _____
Title: _____
Date: _____



Ordinance with Purchase : Authorization to Execute a Contract with BrineMasters, LLC

Summary

Staff recommends approval of An Ordinance Authorizing Execution of a Contract with BrineMasters, LLC for Salt Brine Equipment at 1650 Leider Lane

Recommended Motion

Staff recommends the Village Board authorize the Village Manager to purchase a Salt Brine Maker and Truck Fill station from BrineMasters LLC, through the MNDOT State Procurement cooperative bid program with contract #222340 (release no. S-829(5) in the amount of \$120,265.00. Due to the size and scope of this project, staff recommend a contingency fund of 10% be created and controlled by the Village in the amount of \$12,026.50 for any unforeseen project expenses related to the installation for a total not to exceed amount of \$132,291.50.

ATTACHMENTS:

1. Salt Brine Equipment at 1650 Leider Lane Memo
2. BrineMasters LLC Ordinance 2024
3. BRINEMASTERS - MDDOT DOCS

Trustee Liason

Trustee Bocek

Staff Contact

James Warnstedt, Deputy Public Works
Director



DATE: March 6, 2024

TO: Brett Robinson, Administrative Services Director

FROM: Bryan Beitzel, Maintenance Superintendent

RE: Salt Brine Equipment at 1650 Leider Lane

Recommendation

Staff recommends the Village Board authorize the Village Manager to purchase a Salt Brine Maker and Truck Fill station from BrineMasters LLC, through the MNDOT State Procurement cooperative bid program with contract #222340 (release no. S-829(5) in the amount of \$120,265.00. Due to the size and scope of this project, staff recommend a contingency fund of 10% be created and controlled by the Village in the amount of \$12,026.50 for any unforeseen project expenses related to the installation for a total not to exceed amount of \$132,291.50.

Background Information

Salt brine is the leading liquid additive used in winter maintenance to enhance the effectiveness of road salt during winter operations. Salt brine is also the least expensive liquid additive and the most effective to reduce overall program costs.

Buffalo Grove Public Works has been using salt brine as the primary liquid ingredient in our operations for over a decade. Over the past six winter seasons, Public Works has sourced our salt brine from Vernon Township or various vendors as needed to maintain our operations. The purchase of brine making equipment and the production of brine in-house will reduce the costs of the product significantly, while also reducing the amount of labor hours necessary to haul, load and blend the product. With the ability to make salt brine on demand, this allows our Public Works Department to increase our capability to meet the demands of a winter event as conditions change. Staff will no longer be limited to the storage capacity of our liquid tanks nor the delivery schedules of various vendors when brine is needed.

This new salt brine maker and truck fill station will increase our ability to produce brine and allow us to increase the use of brine within our program. Increased salt brine usage will allow our department to reduce the application of road salt during winter maintenance activities. As road salt is the costliest product used in winter maintenance, a reduction in road salt will result in overall program cost savings.

The new Public Works facility was designed for dedicated space to house all our brine making equipment indoors, with the proper containment system, to elevate our preparedness and capacity. Staff expect this unit to have a 20-year expected service life.

AN ORDINANCE AUTHORIZING EXECUTION OF A CONTRACT WITH BRINEMASTERS, LLC, FOR SALT BRINE EQUIPMENT AT 1650 LEIDER LANE

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village sought out companies qualified to provide the requested services and materials; and

WHEREAS, the Village engaged in a competitive procurement process to obtain the best value for money.

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Village Manager is authorized to execute a contract with BrineMasters, LLC, for the salt brine equipment at 1650 Leider Lane, at a price of \$120,265.00, with a 10% contingency of \$12,026.50, for a total not to exceed \$132,291.50, pending review and approval by the Village Attorney.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and not be codified.

AYES: _____

NAYES: _____

ABSENT: _____

PASSED: _____, 2024

APPROVED: _____, 2024

APPROVED:

Eric N. Smith, Village President

ATTEST:

Janet Sirabian, Village Clerk,



Office of State Procurement
112 Administration Building
50 Sherburne Avenue
St. Paul, MN 55155
Voice: 651.296.2600
Fax: 651.297.3996

November 22, 2023

Clay Hildreth
Brine Masters, LLC
12367 Brompton RD
Carmel IN, 46033

Dear Clay Hildreth:

The following document is enclosed for you to complete and return:

- Amendment No. 1 to SWIFT Contract No 222340, Release No. S-829(5)

Please sign and return **the** documents, **VIA EMAIL**, to
Matthew.Figgins@state.mn.us at the following email address by
11/29/2023.

If the Amendment is not properly executed it will be returned to you. Upon receipt of the properly executed document, and after signatures are obtained from the appropriate State authorities, a copy of the completed Amendment will be sent to your company.

If you have any questions, please feel free to contact me.

Sincerely,

Matthew Figgins
Buyer 3
Enclosure

AMENDMENT NO. 1 TO CONTRACT NO. 222340 RELEASE NO. S-829(5)

THIS AMENDMENT is by and between the State of Minnesota, acting through its Commissioner of Administration ("State"), and Brine Masters, LLC, 12367 Brompton RD Carmel IN, 46033 ("Contractor").

WHEREAS, the State has a Contract with the Contractor identified as Contract No.222340, November 1, 2022, through October 31, 2023 ("Contract"), to provide Salt Brine Production System & Pumping Station; and

WHEREAS, Minn. Stat. § 16C.03, subd. 5, affords the Commissioner of Administration, or delegate pursuant to Minn. Stat. § 16C.03, subd. 16, the authority to amend contracts; and

WHEREAS, the terms of the Contract allow the State to amend the Contract as specified herein, upon the mutual agreement of the Office of State Procurement and the Contractor in a fully executed amendment to the Contract.

NOW, THEREFORE, it is agreed by the parties to amend the Contract as follows:

1. That Contract No. 222340 is extended through November 30, 2024, at the same terms, and conditions. The Original Contract and any previous amendments are incorporated into this amendment by reference.
2. That the current Exhibit D: Price Schedule is hereby DELETED in its entirety and REPLACED with Amendment No. 1-Exhibit D: Price Schedule, which is attached and incorporated herein.

This Amendment is effective beginning December 1, 2023, or upon the date that the final required signatures are obtained, whichever occurs later, and shall remain in effect through contract expiration, or until the Contract is canceled, whichever occurs first.

Except as herein amended, the provisions of the Contract between the parties hereto are expressly reaffirmed and remain in full force and effect.

IN WITNESS WHEREOF, the parties have caused this Amendment to be duly executed intending to be bound thereby.

1. BRINE MASTERS, LLC

The Contractor certifies that the appropriate person(s) have executed this Amendment on behalf of the Contractor as required by applicable articles, bylaws, resolutions, or ordinances.

By: clay hildreth
Signature
Clay Hildreth
Printed Name

Title: Owner

Date: 12/05/2023

By: clay hildreth
Signature
Clay Hildreth
Printed Name

Title: owner

Date: 15/05/2023

2. OFFICE OF STATE PROCUREMENT

In accordance with Minn. Stat. § 16C.03, subd. 3.

By: Matthew Higgins
DocuSigned by:
DAB06998C9CE491...

Title: Acquisition Management Specialist / Buyer

Date: 12/5/2023

3. COMMISSIONER OF ADMINISTRATION

Or delegated representative.

By: Dustin Burns
DocuSigned by:
288B69CD33E54E4...

Date: 12/6/2023

Price quote for:

Salt Brine Production System

Vendor Name: Brine Masters LLC
Contact Person: Clay Hildreth
Street Address: 12367 Brompton Rd.
P.O. Box:
City, State, Zip: Carmel, IN 46033
Phone #: 317-820-7240
Toll Free #:
Fax #:
Email Address: clayh@brinemasters.com

MAKE Brine Masters

MODEL BM-6 (Fully Automatd Brine Maker, 7,200 GPH, SS Construction)

Spec #	Information Requested	Answer
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1.0 SALT BRINE PRODUCTION SYSTEM

System Operating Voltage	230V 1 phase or 3 phase 208/480V
Brine Tank Holding Capacity	359Gal
Brine Tank Material	304 stainless Steel
Tank Wall Thicknes	10g-SS / 0.1345 inches
Hopper Holding Capacity	122 gallon
Hopper Material	304 stainless Steel
Hopper Wall Thickness	10g-SS / 0.1345 inches
Containment System Holding Cap.	N/A
Containment System Wall Thickness	N/A
Pump Capacity in GPM	122 GPM
Electric Motor H.P.	3 HP
Water In-feed Pipe Size	2"
System Production Cap. In GPH	7,200 GPH
Warranty	1 Year

BASE PRICE UNIT: 53,489

Spec #	Description	QTY	Price
1.0	BASE PRICE UNIT:	1	53,489.00 \$ 53,489.00

2.0 HOSE OPTIONS

Use this section to offer hose, such as suction or discharge (per foot).

2.1	2" Hose	200	9.35 \$ 1,870.00
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Spec #	Information Requested	Answer		
2.2			\$	-
2.3			\$	-
3.0	INSTALLATION & SET UP COST			
3.1	Hourly Rate	40	120.00	\$4,800.00
3.2	Material Cost +20%		1.20	\$ -
3.3				\$ -
4.0	ADDITIONAL OPTIONS			
	Use this section to list any additional options not listed above.			
4.1	Cell Gateway	1	978.00	\$978.00-
4.2	Tank Level Radar		934.00	\$ -
4.3	Hopper Extension with Flip Cover	1	4,768.00	\$4,768.00
4.4	Hopper Extension		3,297.00	\$ -
4.5	Removable Controls		2,056.00	\$ -
5.0	DELIVERY CHARGES			
	SEE SPECIAL TERMS AND CONDITIONS			
	NO FLAT RATE ALLOWED			
	DELIVERY STARTING POINT - City, State, Zip			
5.1		46033		
5.2	PRICE PER LOADED MILE	220	\$ 2.75	\$605.00-
5.3	MINIMUM DELIVERY CHARGE (if applicable)			\$ -
6.0	EQUIPMENT INSPECTION & REPAIR			
6.1	Hourly Rate for inspection/Diagnostics		120	\$ -
6.2	Hourly Rate for Mechanical Work		120	\$ -
	Total Cost			\$66,510.00

3.0 Mixing System

Price quote for:

Vendor Name: **Brine Masters LLC**
 Contact Person: **Clay Hildreth**
 Street Address: **12367 Brompton Rd.**
 P.O. Box:
 City, State, Zip: **Carmel, IN 46033**
 Phone #: **317-820-7240**
 Toll Free #:
 Fax #:
 Email Address: clayh@brinemasters.com

MAKE: **Brine Masters LLC**

MODEL: **TF-XR (On-Demand Real Time Blending system with variable flow rate)**

Spec #	Information Requested	Answer
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PRICE FOR BASE UNIT \$ 43,792.00

3.0 MIXING SYSTEM

Number of different chemicals that can be mixed at one time

3 Main Products + Micro Ingredients

Required System Voltage and Amprage to be supplied by purchaser **230V 1 phase or 3 phase 208/480V**

Primary Pump GPM at 10 Feet of Head

135

Suction/Intake Hose Diameter

2" on 3H.P. & 3" on 5HP and Above

Suction/Intake Hose Length

Varies

Discharge/Fill Hose Diameter

2" on 3H.P. & 3" or optional 5HP and

Discharge/Fill Hose Length

20 Ft.

Primary Additive Pump GPM at 10 Feet of Head

N/A

Suction/Intake Hose Diameter

2" on 3 HP, 3" Hose 5 HP and Above

Suction/Intake Hose Length

Varies

Discharge/Fill Hose Diameter

N/A

Discharge/Fill Hose Length

N/A

Secondary Additive Pump GPM at 10 Feet of Head

N/A

Suction/Intake Hose Diameter

2" on 3 HP or 3" Hose 5 HP and Above

Suction/Intake Hose Length

Varies

Discharge/Fill Hose Diameter

N/A

Housing Dimentions

38" deep X 63" Wide X 76" Tall

Remote Pendant length

N/A

Discharge/Fill Hose Length

20 Ft.

Warranty

1 Year

Spec #	Description	QTY	Price	
3.1.0	PRICE FOR BASE UNIT	1	\$ 43,792.00	\$43,792.00
3.2.0	MIXER OPTIONS			
3.2.1	2 Product Blend Standard with 3 HP Motor (120 GPM)		-	\$ -
3.2.2	Tank Level Monitor per Tank High accuracy Radar per tank	2	1,608.00	\$3,216.00
3.2.3	Cellular Gateway		985.00	\$ -
3.2.4	3rd Product Blend Capabilaty		3,697.00	\$ -
3.2.5	5 HP Pump and motor upgrade (200 GPM)		2,845.00	\$ -
3.2.6	7.5 HP Pump and motor upgrade (275 GPM)		3,487.00	\$ -
3.2.7	Single Phase Power Option		742.00	\$ -
3.2.8	Air Puge of Truck fill Hose	1	264.00	\$264.00
3.2.9	Integrated Tool Box SS 18X18X18"		1,327.00	\$ -
3.2.10	Agitation / Auxillary Panel (Less Pump)	1	5,733.00	\$5,733.00
3.2.11	Touch Screen Interface	1	750.00	\$750.00
3.3.0	HOSE OPTIONS			
	Indicate price per foot and type of hose.			
3.3.1	2" EPDM Hose		9.35	\$ -
3.3.2	3" EPDM Hose		18.60	\$ -
3.3.3				\$ -
3.4.0	ADDITIONAL OPTIONS			
	Use this section to list any additional options not listed above.			
3.4.1				\$ -
3.4.2				\$ -
3.4.3				\$ -
3.5.0	INSTALLATION & SET UP COST			
3.5.1	Hourly Rate		120.00	\$ -
3.5.2	Material Cost + 20%			\$ -
3.5.3				\$ -
3.6.0	DELIVERY CHARGES			
	SEE SPECIAL TERMS AND CONDITIONS			
	NO FLAT RATE ALLOWED			
	DELIVERY STARTING POINT - City, State, Zip			
3.6.1	46033			
3.6.2	PRICE PER LOADED MILE		2.75	\$ -
3.6.3	MINIMUM DELIVERY CHARGE (if applicable)			\$ -
3.7.0	EQUIPMENT INSPECTION & REPAIR			
3.7.1	Rate for inspection/Diagnostics (Hr.)		\$ 120.00	\$ -
3.7.2	Rate for Mechanical Work (Hr.)		\$ 120.00	\$ -

Spec #	Description	QTY	Price
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Total Cost	\$ 53,755.00
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Action Item : Authorization to Bid Generator Replacement

Summary

Staff seeks authorization to bid for the Fire Station 27 Generator Replacement as detailed in the attached memo.

Recommended Motion

ATTACHMENTS:

1. Authorization to Bid - Gen Replacement

Trustee Liason

Trustee Bocek

Staff Contact

Tom Wisniewski, Purchasing Manager



MEMORANDUM

DATE: March 6, 2024
TO: Dane Bragg, Village Manager
FROM: Tom Wisniewski, Purchasing Manager
SUBJECT: Fire Station 27 Generator Replacement

Staff seeks authorization to bid the Fire Station 27 Generator Replacement. The current generator at Fire Station 27 is at the end of life. In 2022-2023 the Cambridge lift station project took place which combined 2 lift stations into one. This left one extra generator that has low hours and is in good working order. This will be the replacement generator for Fire Station 27. Public Works has poured a new concrete pad at Fire Station 27 and will be setting the generator. The bid is for a contractor to install new conduit, wire the generator, and get it set up to operate.



**Ordinance without Purchase : Ordinance Authorizing a
Development Improvement Agreement with Aptakisis-
Tripp CCSD 102**

Summary

Staff recommends approval subject to the review and approval by the Village Attorney.

Recommended Motion

SUMMARY: Staff recommends approval of the Development Improvement Agreement for improvements to Aptakisis Junior High and their District Building, subject to the receipt of the required fees and Village Attorney review.

ATTACHMENTS:

1. Memo_Aptakisis Jr High DIA_3-12-2024
2. DIA Ordinance_Aptakisis JH_3-12-2024
3. DIA Agreement_3.6.24
4. EOPC_Aptakisis JH_2-20-24
5. Tripp SD 102- Plat of Consolidation-30x42PLAT OF CONSOLIDATION (5) (1)
6. Ap-Tripp Revised Drawings_3.8.24

Trustee Liason

Trustee Stein

Staff Contact

Kyle Johnson, Village Engineer



MEMORANDUM

DATE: March 13, 2024

TO: Dane Bragg, Village Manager

FROM: Kyle Johnson, Deputy Director of Public Works/Village Engineer

SUBJECT: Aptakisic Junior High Additions & Renovations Development Improvement Agreement

The Aptakisic Tripp Community Consolidated School District 102 is proposing improvements to Aptakisic Junior High and the District building located at 1231 Weiland Road and 1351 Abbott Court. The project includes constructing an enclosed walkway between the school and district office, modifications to the district building to house science classrooms, gym addition to the school, and utility modifications to allow for all the improvements.

The Development Improvement Agreement, or DIA, is an agreement between the Developer and the Village and identifies the items to be constructed by the developer on the project site. Typical items include stormwater management, parking lots, and all of the utilities such as water main and sanitary sewer. With this agreement, the developer agrees to provide security as required in the Village Code until the developer completes the required items. The School District and their contractors will be required to improve the site per approved plans/designs.

Engineering and legal staff at the Village are currently working with the School District and their consultants to finalize all documentation necessary to approve the DIA. Staff recommends Village Board approval of the DIA subject to review and approval by the Village Attorney once all information has been received.

ORDINANCE 2024-_____

**AN ORDINANCE AUTHORIZING A
DEVELOPMENT IMPROVEMENT AGREEMENT WITH THE
APTAKISIC-TRIPP COMMUNITY CONSOLIDATED SCHOOL DISTRICT 102**

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village seeks to enter into a Development Improvement Agreement (DIA) with the Aptakisic-Tripp Community Consolidated School District 102 ("Developer") for site improvements associated with the Aptakisic Junior High Additions and Renovations,

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Development Improvement Agreement is approved subject to review and approval by the Village Attorney.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and shall not be codified.

AYES: _____
NAYES: _____
ABSENT: _____
PASSED: _____, 2024
APPROVED: _____, 2024

APPROVED:

Eric Smith, Village President

ATTEST:

Janet Sirabian, Village Clerk

Aptakistic Junior High Additions & Renovations
Development Name

DEVELOPMENT IMPROVEMENT AGREEMENT

THIS AGREEMENT ("Agreement"), made and entered into as of this 18th day of March 2024 by and between the VILLAGE OF BUFFALO GROVE, an Illinois Municipal Corporation, and having its office at Village Hall, 50 Raupp Boulevard, Buffalo Grove, Illinois (hereinafter called "Village"), and Aptakistic-Tripp Community Consolidated School District 102, (hereinafter called "Developer").

WITNESSETH:

WHEREAS, Developer desires to improve the real property described in Exhibit "A" attached hereto and made a part hereof (the "Property"), and in compliance with the Village's Development Ordinance, Developer has submitted to the Village certain (i) plans prepared by Eriksson Engineering Associates, LTD, who are registered professional engineers (the "Site Plan"), which Preliminary Plans were approved by the Village pursuant to Ordinance No. _____ and described in more detail in Exhibit "C" attached hereto and made a part hereof (the "Site Improvement Plans" and together with the Site Plan, the "Plans"); and,

WHEREAS, the Village is willing to approve said Plans, provided that this Agreement is executed to assure the Village as to the completion of certain site improvements, as a condition precedent to the issuance of building permits for any buildings to be constructed on the Property.

NOW, THEREFORE, it is mutually agreed as follows:

1. The Developer is a governmental entity in the Village authorized under the Illinois School Code to improve facilities under its jurisdiction. The Aptakistic-Tripp Community Consolidated School District 102 shall furnish, or cause to be furnished, at their own cost and expense, all the necessary material, labor, and equipment to complete the improvements listed on Exhibit "B" attached hereto, and all other site improvements not specifically set forth, which are required by applicable ordinances or agreements (collectively, the "Improvements"), all in a good and workmanlike manner and in accordance with all pertinent ordinances and regulations of the Village and in accordance with the Plans (including any subsequent revisions requested by the Developer and approved in writing by the Village pursuant to the Village's Development Ordinance).

2. Attached hereto as Exhibit "D" is a complete cost estimate for the construction of the improvement described in Exhibit "B" hereto.

3. All work shall be subject to inspection by and the approval of the Village Engineer. It is agreed that the contractors who are engaged to construct the Improvements are to be approved by the Village Engineer and that such approval will not be unreasonably withheld.

4. The Developer has paid or will pay the Village a Review and Inspection Fee, as required by Ordinance. It is understood that said fee is based on the amount of the contracts or cost estimate for those items in Exhibit "B".

5. Prior to the time the Developer or any of its contractors begin any of the work provided for herein, the Developer, and/or its contractors shall furnish the Village with evidence of insurance covering their employees in such amounts and coverage as is acceptable to the Village. Nothing herein shall waive any immunities the Village May assert in response to or defense of any such claim.

In addition, by its execution of this Agreement, the Developer agrees, to the extent authorized under Village Code, to protect, indemnify, save and hold harmless, and defend the Village and its employees, officials, and agents, against any and all claims, costs, causes, actions, and expenses, including but not limited to reasonable attorney's fees incurred by reason of a lawsuit or claim for damages or compensation arising in favor of any person, corporation or other entity, including the employees or officers or independent contractors or sub-contractors of the Developer or the Village, on account of personal injuries or death, or damages to property occurring, growing out of, incident to, or resulting directly or indirectly, from the performance of the work of the Developer, independent contractors or sub-contractors or their officers, agents, or employees. The Developer shall have no liability or damages for the costs incident thereto to the extent caused by the sole negligence or intentional misconduct of the Village, its independent contractors or sub-contractors or their officers, agents, or employees.

6. Subject to Force Majeure (as defined herein), Developer shall cause the Improvements to be completed within twenty-four (24) months following the date of this Agreement (except any Improvements for which specified time limits are noted on the Plans, which shall be completed within the specified time limits shown on the Plans). "Force Majeure" as used herein shall mean a delay in Developer's performance

hereunder caused by a strike or labor problem, energy shortage, governmental pre-emption or prescription, national emergency, or any other cause of any kind beyond the reasonable control of Developer.

7. The Developer, for a period of one year beyond formal acceptance by the Village of any Improvement, described in Exhibit "B" hereof, shall be responsible for maintenance, repairs and corrections to such Improvements which may be required due to failures or on account of faulty construction or due to the Developer's negligence and/or its contractors' negligence.

8. It is agreed that no occupancy permit shall be granted by any official for the construction of any structure until all required utility facilities set forth in the Plans (to include, but not by way of limitation, sanitary sewer, water, and storm sewer systems) have been installed and made ready to service the Property; and that all parking lots or access drives (to include curbs) set forth in the Plans that provide access to the Property have been completely constructed, except for the designed surface course. It is understood and agreed that building permits may be granted for buildings on specific lots to which utility facilities have been installed and made ready for service and to which parking lots or access drives have been constructed as described above, notwithstanding the fact that all improvements within the Development may not be completed.

9. The Developer acknowledges that they are responsible for the proper control of weeds, grass, refuse, and junk on all property which he owns within the Village in accordance with Chapter 8.32 of the Buffalo Grove Municipal Code. It is further agreed that the Developer shall continue to be responsible for the proper maintenance of any parcels of property for which the Developer transfers ownership to the Village until such time as the development's Improvements are accepted by the Village in writing in accordance with the provisions of this Agreement.

If the Developer fails to perform his maintenance responsibilities established in either this paragraph or Chapter 8.32, the Village may provide a written notice to the Developer of the improper maintenance condition. If proper maintenance is not completed within ten (10) days after the Developer is provided this notice, the Village may perform the maintenance and may issue a Stop Work Order or also may revoke all permits which the Developer had been granted.

10. The Developer agrees that no Improvements constructed in conjunction with this project are

sized or located in such a way as to warrant any recapture payment to the Developer pursuant to any applicable previous agreements.

11. This Agreement shall automatically terminate and be of no further force and effect with respect to Developer or the Property upon the expiration of the one-year maintenance period, and upon such termination the parties hereto shall have no further obligations to the other. The period commencing on the date set forth in the preamble to this Agreement and expiring on the expiration of the one-year maintenance period is referred to herein as the "Term".

12. This Agreement and the obligations contained herein are in addition to, and not in limitation of, all other agreements between the Parties hereto including, without limitation, the Preliminary Plan dated _____, and the obligations contained therein.

13. Neither party shall cause this Agreement (or any memorandum hereof) to be recorded against the Property.

15. Neither party shall assign this Agreement or any of its terms without the prior, express and written consent of the other party. Furthermore, no assignment of the Developer's obligations shall be effective unless and until the Village approves the language of any proposed assignment and substitute security in the amounts required by this Agreement.

IN WITNESS WHEREOF, the Village has caused this Agreement to be executed, as has the Developer, all as of the date first above written.

VILLAGE OF BUFFALO GROVE, an Illinois Municipal Corporation

By _____
Village President

DEVELOPER:

Aptakistic-Tripp Community Consolidated School District 102
1351 Abbott Court
Buffalo Grove, IL 60089

By:  _____
Name: Dr. Lori Wilcox
Title: Superintendent

Aptakisic Junior High Additions & Renovations
(Development Name)

DEVELOPMENT IMPROVEMENT AGREEMENT

EXHIBIT A

LEGAL DESCRIPTION

PARCEL 1:

THAT PART OF THE SOUTHEAST QUARTER OF SECTION 28, TOWNSHIP 43 NORTH, RANGE 11, LYING EAST OF THE THIRD PRINCIPAL MERIDIAN IN LAKE COUNTY, ILLINOIS, BOUNDED AND DESCRIBED AS FOLLOWS, TO-WIT: BEGINNING AT THE NORTHEAST CORNER OF THE SOUTHEAST QUARTER OF SECTION 28 AFORESAID; THENCE WEST ALONG THE NORTH LINE OF SAID SOUTHEAST QUARTER 957.67 FEET TO THE CENTER LINE OF APTAKISIC ROAD (NOW CALLED WEILAND ROAD); THENCE SOUTHERLY ALONG THE CENTERLINE OF SAID ROAD 618 FEET; THENCE EAST PARALLEL TO THE NORTH LINE OF SAID SOUTHEAST QUARTER TO THE EAST LINE OF SAID SOUTHEAST QUARTER; THENCE NORTH ALONG THE EAST LINE OF SAID SOUTHEAST QUARTER 616.64 FEET TO THE POINT OF BEGINNING. EXCEPT THAT PART LYING EAST AND SOUTH OF THE CENTER THREAD OF THE CREEK RUNNING IN A NORTHERLY DIRECTION THROUGH SAID PROPERTY IN QUESTION. EXCEPT WINDBROOK SUBDIVISION. EXCEPT ANY PARTS TAKEN FOR ROAD PURPOSES AND THAT PART OF THE LAND DEDICATED IN THE PLAT OF DEDICATION RECORDED DECEMBER 27, 1989 AS DOCUMENT No. 2864096 AND THAT PART OF THE LAND CONVEYED IN WARRANTY DEED RECORDED JANUARY 9, 2019 AS DOCUMENT No. 7536398.

KNOWN AS: **1231 WEILAND ROAD, BUFFALO GROVE, ILLINOIS**

PERMANENT INDEX NUMBER: 15-28-400-066

AREA = 408,843 SQ. FT. OR 9.39 ACRES

PARCEL 2:

LOT 3 IN ABBOTT BUSINESS CENTER, BEING A SUBDIVISION OF PART OF THE NORTHWEST QUARTER OF SECTION 28, TOWNSHIP 43 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 9, 1991 AS DOCUMENT 3038077, IN LAKE COUNTY, ILLINOIS.

KNOWN AS: **1351 ABBOT COURT, BUFFALO GROVE, ILLINOIS**

PERMANENT INDEX NUMBER: 15-28-216-001

AREA = 90,004 SQ. FT. OR 2.06 ACRES

Aptakisic Junior High Additions & Renovations
(Development Name)

DEVELOPMENT IMPROVEMENT AGREEMENT

EXHIBIT B

All improvements set forth and depicted in the Plans, both public and private, including (to the extent applicable) earthwork, grading, roads or streets, parking lots, areas and/or parking facilities, sidewalks, sanitary and storm sewers, water main, drainage and storm water detention facilities, site grading, street lighting, landscaping, survey monuments and benchmarks.

Aptakisic Junior High Additions & Renovations
(Development Name)

DEVELOPMENT IMPROVEMENT AGREEMENT

EXHIBIT C

Final Engineering and Landscaping Plans prepared by: Eriksson Engineering Associates, LTD

Entitled: Aptakisic Junior High Additions & Renovations

Consisting of: 7 sheet(s), last revised 10/23/2023

(see following pages)

Aptakisc Junior High Additions & Renovations
(Development Name)

DEVELOPMENT IMPROVEMENT AGREEMENT

EXHIBIT D

Engineers Opinion of Probable Costs

(see following pages)

Engineer's Opinion of Probable Costs

Aptakisic Jr High Gym Addition

Buffalo Grove, Illinois
February 9, 2024



Site Demolition					
Item	Description	Unit	Quantity	Unit Price	Extended Price
	Storm Sewer Removal	LF	1081	\$10.00	\$10,810.00
	Sanitary Sewer Removal	LF	55	\$10.00	\$550.00
	Fiber Optic Cable Removal	LS	1	\$5,000.00	\$5,000.00
	Asphalt Removal, Full Depth	SY	5660	\$7.00	\$39,620.00
	Concrete Removal, Full Depth	SY	31	\$26.00	\$806.00
	Sign Removal	Ea.	6	\$150.00	\$900.00
	Concrete Curb and Gutter Removal	LF	366	\$5.00	\$1,830.00
	Fire Hydrant Removal	Ea.	1	\$600.00	\$600.00
	Water Valve	Ea.	2	\$800.00	\$1,600.00
	Water Main Removal	LF	211	\$10.00	\$2,110.00
	Tree Removal	Ea.	3	\$500.00	\$1,500.00
	Fence Removal	LF	340	\$7.00	\$2,380.00
	Subtotal				\$67,706.00

Earthwork					
Item	Description	Unit	Quantity	Unit Price	Extended Price
	Topsoil Stripping (6")	SY	2160	\$2.50	\$5,400.00
	Topsoil Respreading (6")	SY	1195	\$3.00	\$3,585.00
	Earth Excavation (Cut/Fill On Site)	CY	300	\$5.00	\$1,500.00
	Earthwork Haul-In	CY	1000	\$36.00	\$36,000.00
	Construction Staging Stone (CA-1)	CY	900	\$32.00	\$28,800.00
	Construction Staging Stone (CA-6)	CY	300	\$27.00	\$8,100.00
	Subtotal				\$83,385.00

Site Pavement Improvements					
Item	Description	Unit	Quantity	Unit Price	Extended Price
	Asphalt Pavement	SY	3750	\$25.00	\$93,750.00
	Heavy-Duty Asphalt Pavement	SY	1120	\$38.00	\$42,560.00
	Concrete Pavement	SY	150	\$58.00	\$8,700.00
	Concrete Walk	SY	135	\$30.00	\$4,050.00
	Concrete Curb and Gutter	LF	137	\$13.50	\$1,849.50
	Sawcut	LF	140	\$2.50	\$350.00
	Subtotal				\$151,259.50

Utility Improvements					
Item	Description	Unit	Quantity	Unit Price	Extended Price
	StormTrap	acre-ft	1.1	\$1,000,000.00	\$1,100,000.00
	2'x6" Box Culvert	LF	21	\$375.00	\$7,875.00
	6" PVC	LF	92	\$15.00	\$1,380.00
	8" PVC	LF	70	\$20.00	\$1,400.00
	10" DIP	LF	58	\$48.00	\$2,784.00
	10" PVC	LF	178	\$21.00	\$3,738.00
	12" RCP	LF	425	\$30.00	\$12,750.00
	15" Steel Casing Pipe	LF	23	\$60.00	\$1,380.00
	18" RCP	LF	68	\$32.00	\$2,176.00
	24" Steel Casing Pipe	LF	50	\$80.00	\$4,000.00
	2' Catch Basin	Ea.	5	\$750.00	\$3,750.00
	4' Catch Basin	Ea.	3	\$1,350.00	\$4,050.00
	4' Manhole	Ea.	6	\$1,500.00	\$9,000.00
	Adjusting Structure	Ea.	2	\$250.00	\$500.00
	4" DIP	LF	14	\$25.00	\$350.00
	6" DIP	LF	22	\$25.00	\$550.00
	8" DIP	LF	20	\$35.00	\$700.00
	4" DIP 45 Bend	Ea.	2	\$200.00	\$400.00
	6" DIP 45 Bend	Ea.	2	\$250.00	\$500.00
	8" DIP 45 Bend	Ea.	2	\$300.00	\$600.00
	6" Valve in Box	Ea.	1	\$500.00	\$500.00
	Fire Hydrant	Ea.	1	\$2,000.00	\$2,000.00
	Subtotal				\$1,160,383.00

SESC					
Item	Description	Unit	Quantity	Unit Price	Extended Price
	Silt Fence	LF	1170	\$3.00	\$3,510.00
	Inlet Protection	Ea.	12	\$75.00	\$900.00
	Subtotal				\$4,410.00

	Total Costs from Above				\$1,467,143.50
	10% Contingency				\$146,714.35
	8% LOC				\$117,371.48
	Opinion of Total Construction Costs				\$1,731,229.33

APTAKISIC TRIPP CONSOLIDATE SCHOOL DIST. 102
PLAT OF CONSOLIDATION

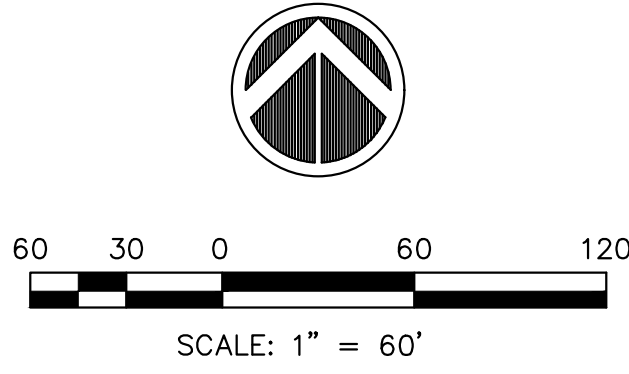
LEGAL DESCRIPTION

PARCEL 1:
THAT PART OF THE SOUTHEAST QUARTER OF SECTION 28, TOWNSHIP 43 NORTH, RANGE 11, LYING EAST OF THE THIRD PRINCIPAL MERIDIAN IN LAKE COUNTY, ILLINOIS, BOUNDED AND DESCRIBED AS FOLLOWS, TO-WIT:
BEGINNING AT THE NORTHEAST CORNER OF THE SOUTHEAST QUARTER OF SECTION 28 AFORESAID, THENCE WEST ALONG THE NORTH LINE OF SAID SOUTHEAST QUARTER 957.87 FEET TO THE CENTER LINE OF APTAKISIC ROAD (NOW CALLED WEILAND ROAD); THENCE SOUTHERLY ALONG THE CENTERLINE OF SAID ROAD 619 FEET, THENCE EAST PARALLEL TO THE NORTH LINE OF SAID SOUTHEAST QUARTER TO THE EAST LINE OF SAID SOUTHEAST QUARTER; THENCE NORTH ALONG THE EAST LINE OF SAID SOUTHEAST QUARTER 616.64 FEET TO THE POINT OF BEGINNING.
EXCEPT THAT PART LYING EAST AND SOUTH OF THE CENTER THREAD OF THE CREEK RUNNING IN A NORTHERLY DIRECTION THROUGH SAID PROPERTY IN QUESTION.
EXCEPT WINDBROOK SUBDIVISION.
EXCEPT ANY PARTS TAKEN FOR ROAD PURPOSES AND THAT PART OF THE LAND DEDICATED IN THE PLAT OF DEDICATION RECORDED DECEMBER 27, 1989 AS DOCUMENT No. 2864096 AND THAT PART OF THE LAND CONVEYED IN WARRANTY DEED RECORDED JANUARY 9, 2019 AS DOCUMENT No. 7536398.

PARID: 15-28-400-066
COMMONLY KNOW AS: 1231 WEILAND ROAD, BUFFALO GROVE, ILLINOIS.

PARCEL 2:
LOT 3 IN ABBOTT BUSINESS CENTER, BEING A SUBDIVISION OF PART OF THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 43 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 9, 1991 AS DOCUMENT 3038077, IN LAKE COUNTY, ILLINOIS.

PARID: 15-28-216-001
COMMONLY KNOW AS: 1351 ABBOTT COURT, BUFFALO GROVE, ILLINOIS.



STATE OF ILLINOIS)
COUNTY OF) SS

I, _____, County Clerk of _____ County, Illinois, do hereby certify that there are no delinquent general taxes, unpaid current general taxes, delinquent special assessments or unpaid current special assessments against any of the land included in the described property. I further certify that I have received all statutory fees in connection with the plat.

Given under my hand and seal of the County Clerk of _____ County, Illinois.

This _____ day of _____, A.D.20____.

County Clerk

OWNER'S CERTIFICATE

STATE OF ILLINOIS) S.S.
COUNTY OF LAKE)

This is to certify that _____ is the owner of the property described on the annexed plat and has caused the same to be surveyed and subdivided as indicated thereon, for the uses and purposes therein set forth, and does hereby acknowledge and adopt the same under the style and title thereon indicated.

The undersigned hereby dedicates for public use the lands shown on this plat for thoroughfares, streets, alleys and public services, and hereby also reserves for the Village of Buffalo Grove, Ameritech, The Gas Company, and Commonwealth Edison Company, the easement provisions which are stated on the standard form which is attached hereto.

Dated this _____ day of _____, A.D., 20____.

(Name - Title)

Attest: _____
(Name - Title)

NOTARY'S CERTIFICATE

STATE OF ILLINOIS) S.S.
COUNTY OF)

I, _____, a Notary Public in and for a said county in the aforesaid state, does certify that _____ and _____ personally known to me to be the

_____ of _____ and personally known to me to be the same persons whose names are subscribed to the aforesaid instrument, appeared before me this day in person severally acknowledged that they signed and delivered the annexed plat as _____ and of said _____ and caused the seal of said to be affixed thereto, pursuant to authority given by the _____ of said _____ as their free and voluntary act, and as the free and voluntary act and deed of said _____ for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____, A.D. 20____.

Notary Public

CORPORATE AUTHORITY'S CERTIFICATE

Approved and accepted by the President and Board of Trustees of the Village of Buffalo Grove, Cook and Lake Counties, Illinois, at a meeting held this _____ day of _____, A.D.20____

Village President

Attest: _____
Village Clerk

PLAN COMMISSION'S CERTIFICATE

Approved by the Plan Commission of the Village of Buffalo Grove, Cook and Lake Counties, Illinois, at a meeting held this _____ day of _____, A.D. 20____

Chairman

Attest: _____
Secretary

VILLAGE COLLECTOR'S CERTIFICATE

I hereby certify that I find no deferred installments of outstanding unpaid special assessments due against the property described in the plat hereon drawn. Buffalo Grove, Cook and Lake Counties, Illinois, dated this _____ day of _____, A.D.20____

Village Collector

VILLAGE ENGINEER'S CERTIFICATE

Approved by the Village Engineer of the Village of Buffalo Grove, Cook and Lake Counties, Illinois, dated this _____ day of _____, A.D. 20____

Village Engineer

LEGEND

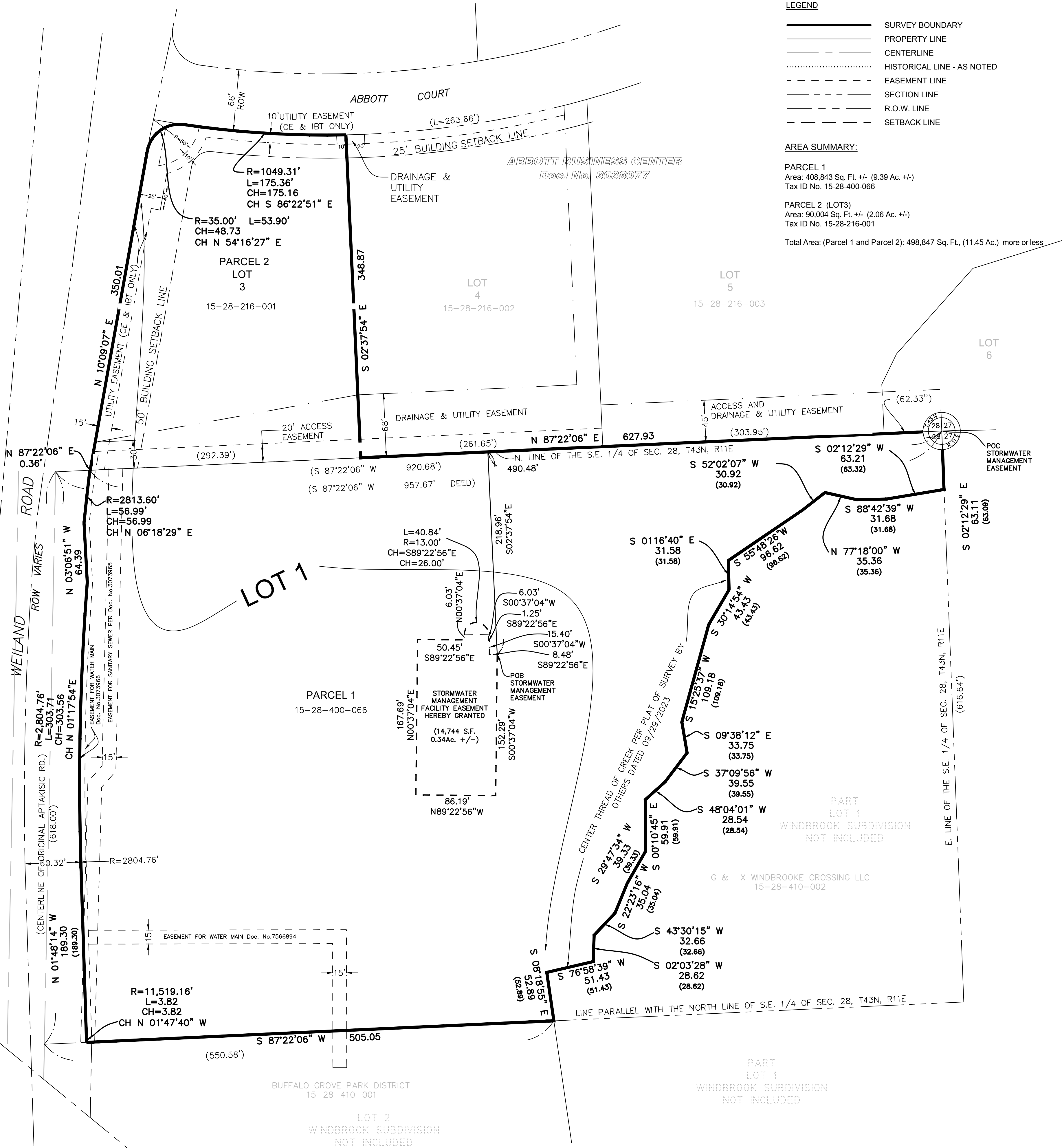
—— SURVEY BOUNDARY
—— PROPERTY LINE
—— CENTERLINE
..... HISTORICAL LINE - AS NOTED
- - - - EASEMENT LINE
- - - - SECTION LINE
- - - - R.O.W. LINE
- - - - SETBACK LINE

AREA SUMMARY:

PARCEL 1
Area: 408,843 Sq. Ft. +/- (9.39 Ac. +/-)
Tax ID No. 15-28-400-066

PARCEL 2 (LOT3)
Area: 90,004 Sq. Ft. +/- (2.06 Ac. +/-)
Tax ID No. 15-28-216-001

Total Area: (Parcel 1 and Parcel 2): 498,847 Sq. Ft., (11.45 Ac.) more or less



THIS PLAT HAS BEEN SUBMITTED FOR RECORDING BY AND RETURN TO:

NAME: _____
ADDRESS: _____
PHONE: _____

AUTHORIZATION TO RECORD CERTIFICATE

STATE OF ILLINOIS) S.S.
COUNTY OF LAKE)

I, HARLAN M. DOLAND, AN ILLINOIS REGISTERED PROFESSIONAL LAND SURVEYOR WITH IMEG, DO HEREBY GRANT PERMISSION TO A REPRESENTATIVE OF APTAKISIC TRIPP CONSOLIDATED SCHOOL DISTRICT # 102 TO RECORD THIS PLAT OF CONSOLIDATION.

DATED THIS _____ DAY OF _____, A.D., 2024.

BY: _____
HARLAN M. DOLAND, PLS
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003121
LICENSE EXPIRES 11-30-24

SURVEYOR'S NOTES:

- Basis of Bearings: The North line of the SE 1/4 of Sec. 28, T14N, R11 E, having a bearing of S 87°22'06" W, Per Plat of Survey dated 09/29/2023.
- Dimensions and Bearings 100.00' N00°00'00" E - Measured (100.00') (N00°00'00"E) - Record
- Easements on Lot 3 are shown per Abbott Business Center, Doc. No. 3038077, and on Parcel 1 per Survey by others dated 09/29/2023.
- Stormwater Management Facility Easement Hereby Granted as provided by others. Area 14,744 S.F. (0.34Ac.)

STORMWATER MANAGEMENT SEWER EASEMENT

LEGAL DESCRIPTION:

THAT PART OF THE SOUTHEAST 1/4 OF SECTION 28, TOWNSHIP 43 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN LAKE COUNTY, ILLINOIS AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF THE SOUTHEAST 1/4 OF SAID SECTION 28; THENCE SOUTH 87°22'06" WEST, ALONG THE NORTH LINE OF SAID SOUTHEAST 1/4 OF SECTION 28, A DISTANCE OF 490.48 FEET; THENCE SOUTH 02°37'54" EAST, PERPENDICULAR TO LAST SAID LINE, A DISTANCE OF 218.96 FEET, TO THE POINT OF BEGINNING; THENCE SOUTH 00°37'04" WEST, A DISTANCE OF 152.29 FEET; THENCE NORTH 89°22'56" WEST, A DISTANCE OF 86.19 FEET; THENCE NORTH 00°37'04" EAST, A DISTANCE OF 187.68 FEET; THENCE SOUTH 89°22'56" EAST, A DISTANCE OF 86.45 FEET; THENCE NORTH 00°37'04" EAST, A DISTANCE OF 6.03 FEET, TO A POINT OF CURVE; THENCE EASTERLY ALONG A CURVE, HAVING A RADIUS OF 13.00 FEET, SAID CURVE BEING CONCAVE TO THE SOUTH, WHOSE CHORD BEARS SOUTH 89°22'56" EAST, A CHORD LENGTH OF 28.00 FEET, A DISTANCE OF 40.84 FEET, TO A POINT OF TANGENT; THENCE SOUTH 00°37'04" WEST, A DISTANCE OF 6.03 FEET; THENCE SOUTH 89°22'56" EAST, A DISTANCE OF 1.25 FEET; THENCE SOUTH 00°37'04" WEST, A DISTANCE OF 15.40 FEET; THENCE SOUTH 89°22'56" EAST, A DISTANCE OF 8.48 FEET, TO THE POINT OF BEGINNING. ALL IN SOUTHEAST 1/4 OF SAID SECTION 28, TOWNSHIP 43 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, ILLINOIS.

CONTAINING: 14,744 S.F., (0.34 ACRES) MORE OR LESS.

OPERATION AND MAINTENANCE NOTES

O&M Plan procedures and practices must be reviewed and assessed annually.

Access routes including roadways and sidewalks shall be inspected annually and maintained as needed.

Drainage structures and flow restrictors must be inspected and cleaned semi-annually.

Volume control BMPs shall be inspected semi-annually and after significant rainfall events exceeding 1.5 inches.

The Owner shall keep an updated log book documenting the performance of the required O&M activities for perpetuity. Log books must be produced upon the request of a City Inspector.

Vegetation shall be maintained on a regular basis.

Pest control measures shall be implemented to address insects and rodents.

Signage and fencing shall be installed and maintained where necessary to protect property and the public.

Underground vaults must include design measures to facilitate cleaning and maintenance. Confined space safety procedures must be followed.

STATE OF ILLINOIS) S.S.
COUNTY OF LAKE)

I, HARLAN M. DOLAND, AN ILLINOIS REGISTERED PROFESSIONAL LAND SURVEYOR WITH IMEG, DO HEREBY CERTIFY THAT THE PLAT OF CONSOLIDATION HEREON HAS BEEN PREPARED UNDER MY DIRECT SUPERVISION, FROM EXISTING PLATS AND RECORDS AND IS A CORRECT REPRESENTATION THEREOF.

DATED THIS _____ DAY OF _____, A.D., 2024.

BY: _____
HARLAN M. DOLAND, PLS
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003121
LICENSE EXPIRES 11-30-24

REVISIONS

DESCRIPTION

No. 1 Added Stormwater Management Facility Easement

DATE 03/05/2024

TRIPP SCHOOL DISTRICT 102

BUFFALO GROVE, ILLINOIS

PLAT OF CONSOLIDATION

IMEG Project No:
23008012.00

File Name:
Tripp SD 102-Plat of

© COPYRIGHT 2024
ALL RIGHTS RESERVED

Field Book No:

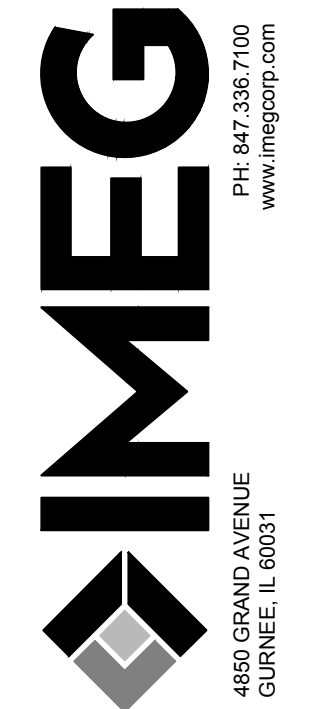
Drawn By: TEM

Checked By: HMD

Date: 11/28/2023

1

Sheet 1 of 1



IL

APTAKISIC JUNIOR HIGH ADDITION & RENOVATIONS

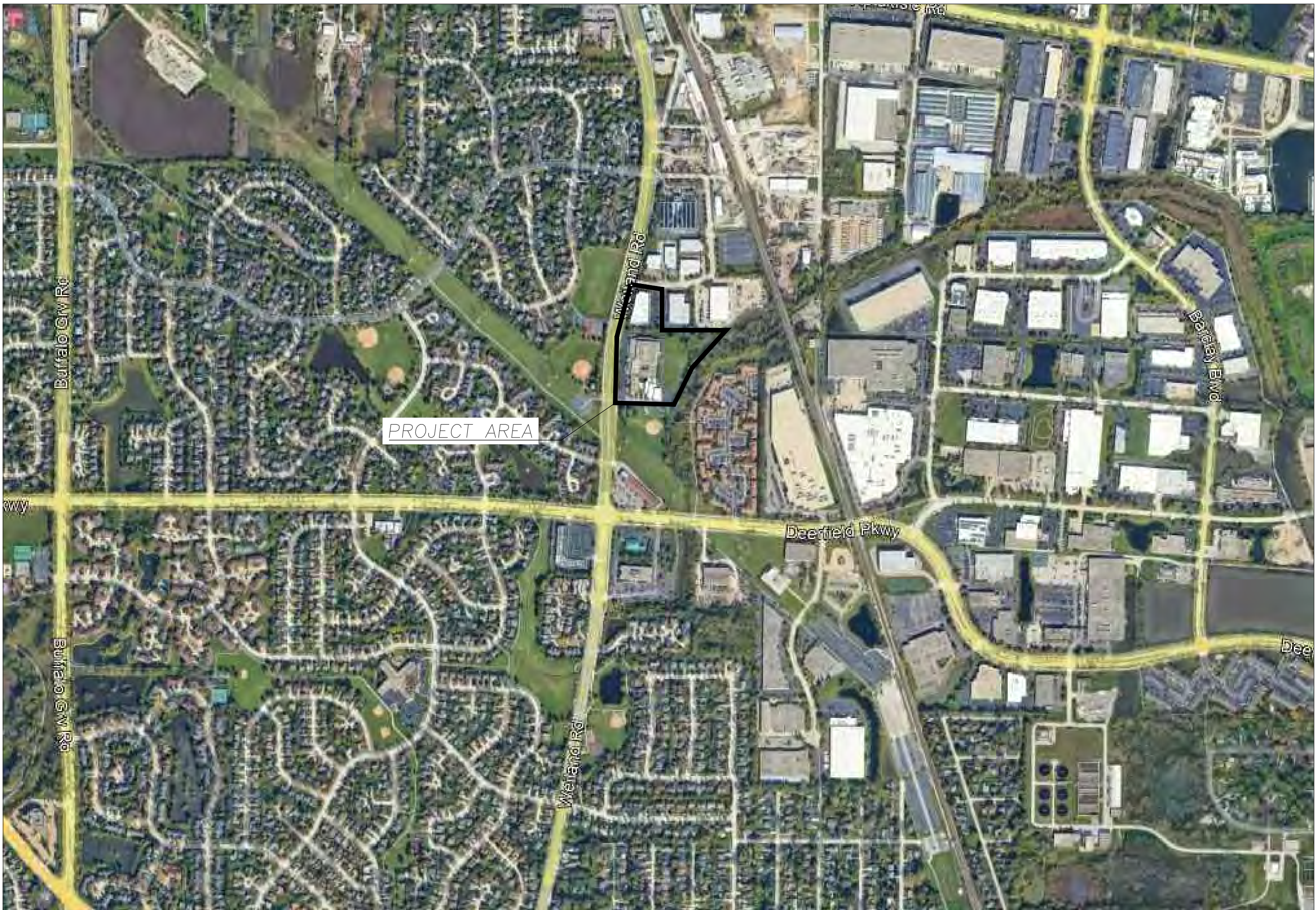
1231 WEILAND ROAD BUFFALO GROVE, IL

CIVIL ENGINEER:
Eriksson Engineering Assoc., Ltd.
145 Commerce Dr., Suite A
Grayslake, IL 60030
T: 1 (847) 223-4804
E: kcamino@eea-ltd.com
Attn: Kevin Camino, PE

VILLAGE:
Village of Buffalo Grove
Engineering Department
51 Raupp Boulevard
Buffalo Grove, IL 60089
T: 1 (847) 459-2532

INDEX OF SHEETS

SHEET No.	DESCRIPTION
C0.01	COVER SHEET
C1.00	SITE DEMOLITION PLAN
C1.01	SITE DEMOLITION PLAN - NORTH
C2.00	SITE GEOMETRY PLAN
C2.01	PROPOSED CONDITIONS PLAN - NORTH
C3.00	SITE UTILITY PLAN
C4.00	SITE GRADING, PAVING, AND SESC PLAN
C5.00	DETAILS
C5.01	DETAILS
C5.02	DETAILS
C5.03	STORMTRAP DETAILS
C5.04	STORMTRAP DETAILS



LOCATION MAP

GENERAL NOTES

- The Location of Existing Underground Utilities, Such As Watermains, Sewers, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and is Given For The Convenience of The Contractor. However, The Owner and The Engineer Do Not Assume Responsibility In The Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately if Surface and/or Subsurface Features Are Different Than Shown On The Drawings.
- Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.
- Contractor Shall Provide Private Utility Locating Services For The Project Area.
- Notify The Owner, Engineer and The Village of Buffalo Grove, Engineering Department, 847-459-2532 A Minimum of 48 Hours In Advance of Performing Any Work.
- All Areas On or Off Site Disturbed During Construction Operations and Not Part of the Work As Shown Hereon Shall Be Restored To Original Condition To The Satisfaction of the Owner at No Additional Cost to the Owner. It is Incumbent Upon Contractor to Show That Damaged Areas Were Not Disturbed By Construction Operations.
- These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) to Stake All Site Improvements Accordingly. Contractor Shall Re-Establish Horizontal Control. Horizontal Control Points Not Provided.
- No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.
- The Engineer is Furnishing These Drawings For Construction Purposes As A Convenience To The Owner, Architect, Surveyor, or Contractor. Prior To The Use Of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions And Locations Of Buildings With The Foundation Drawings And Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information, Shall Contact The Engineer Immediately.
- Provide An As-built Survey Prepared By A Licensed Professional Land Surveyor In Accordance With The Authorities Having Jurisdiction Which Shall Include As a Minimum All Detention Basins and Best Management Practices, Include All Storm and Sanitary Sewers, Structure Locations, Sizes, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations. A Set of Full-size, Mylar As-built Plans Shall Be Provided to the Village of Buffalo Grove at The End Of The Project.
- The Illinois Department of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereeto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.

SURVEY PROVIDED BY:

Plot of Survey and Topography Provided By Daniel Creaney Company For Eriksson Engineering Associates on 08/08/2023. Order Number 8289

PROJECT BENCHMARKS

- Fire Hydrant NorthEast Bury Bit: on south side of Aptakisic Junior High School. Elevation 678.37

J.U.L.I.E.

Note: The exact location of all utilities shall be verified by the contractor prior to construction activities. For utility locations call: J.U.L.I.E. 1 (800) 892-0123

Aptakisic JH Additions and Renovations

1231 Weiland Rd
Buffalo Grove, Illinois 60089

Aptakisic-Tripp CCSD
102
1351 Abbott Court
Buffalo Grove, Illinois 60089



WOLD ARCHITECTS
AND ENGINEERS
220 North Smith Street, Suite 310
Palatine, Illinois 60067

woldac.com | 847.241.6100



ERIKSSON
ENGINEERING
ASSOCIATES, LTD.

145 COMMERCE DRIVE, SUITE A
GRAYSLAKE, ILLINOIS 60030
PHONE (847) 223-4804
FAX (847) 223-4864
EMAIL: INFO@EEA-LTD.COM



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed

ENGINEER

under the laws of the State of ILLINOIS

KEVIN CAMINO

License Number: 062-051739 Date: 02/09/2024

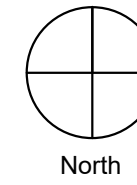
Revisions		
Description	Date	Num
Planning and Zoning	10/23/2023	
50% Construction Drawings	11/17/2023	
90% Construction Drawings	12/11/2023	
Issue For Bid	01/08/2024	
Addendum No. 1	01/15/2024	1
Addendum No. 2	01/22/2024	2
Addendum No. 3	01/25/2024	3
Issued For Construction	02/07/2024	4
Village Resubmittal	02/09/2024	5

Comm: 233064

Date: 02/09/2024

Drawn: MO

Check: KC



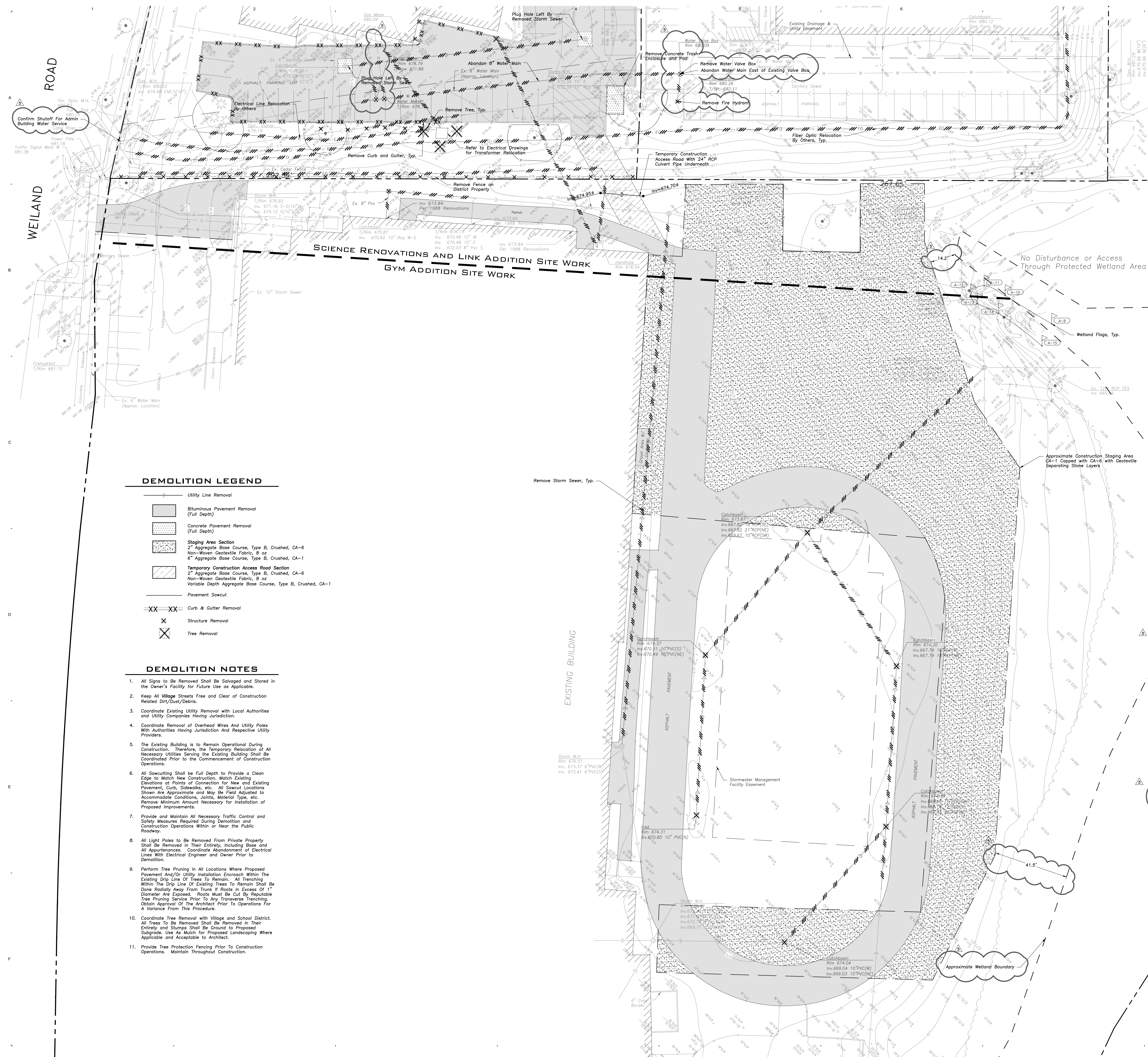
COVER SHEET

Scale: 1/16" = 1'-0"

C0.01

IL

C



DEMOLITION LEGEND

- Utility Line Removal
- Bituminous Pavement Removal (Full Depth)
- Concrete Pavement Removal (Full Depth)
- Staging Area Section
- Temporary Construction Access Road Section
- Pavement Sawcut
- Curb & Gutter Removal
- Structure Removal
- Tree Removal

DEMOLITION NOTES

- All Signs to Be Removed Shall Be Salvaged and Stored in the Owner's Facility for Future Use as Applicable.
- Keep All Village Streets Free and Clear of Construction Related Dirt/Dust/Debris.
- Coordinate Existing Utility Removal with Local Authorities and Utility Companies Having Jurisdiction.
- Coordinate Removal of Overhead Wires And Utility Poles With Authorities Having Jurisdiction And Respective Utility Providers.
- The Existing Building is to Remain Operational During Construction. Therefore, the Temporary Relocation of All Necessary Utilities Serving the Existing Building Shall Be Coordinated Prior to the Commencement of Construction Operations.
- All Sawcutting Shall be Full Depth to Provide a Clean Edge to Match New Construction. Match Existing Elevations at Points of Connection for New and Existing Pavement, Curb, Sidewalks, etc. All Sawcut Locations Shown Are Approximate and May Be Field Adjusted to Accommodate Conditions, Joints, Material Type, etc. Remove Minimum Amount Necessary for Installation of Proposed Improvements.
- Provide and Maintain All Necessary Traffic Control and Safety Measures Required During Demolition and Construction Operations Within or Near the Public Roadway.
- All Light Poles to Be Removed From Private Property Shall Be Removed in Their Entirety, Including Base and All Appurtenances. Coordinate Abandonment of Electrical Lines With Electrical Engineer and Owner Prior to Demolition.
- Perform Tree Pruning in All Locations Where Proposed Pavement And/Or Utility Installation Encroach Within the Existing Drip Line of Trees To Remain. All Trenching Within the Drip Line Of Existing Trees To Remain Shall Be Done Radially Away From Trunk If Roots In Excess Of 1" Diameter Are Exposed. Roots Must Be Cut By Reputable Tree Pruning Service Prior To Any Transverse Trenching. Obtain Approval Of The Architect Prior To Operations For A Variance From This Procedure.
- Coordinate Tree Removal with Village and School District. All Trees To Be Removed Shall Be Removed in Their Entirety and Stumps Shall Be Ground to Proposed Subgrade. Use As Mulch for Proposed Landscaping Where Applicable and Acceptable to Architect.
- Provide Tree Protection Fencing Prior To Construction Operations. Maintain Throughout Construction.

LEGEND

- EXISTING: Manhole, Catch Basin, Inlet, Area Drain, Clean Out, Flamed End Section, Storm Sewer, Sanitary Sewer, Combined Sewer, Water Main, Gas Line, Overhead Wires, Electrical Cable (Buried), Telephone Line, Fire Hydrant, Valve Vault, Buffalo Box, Downspout, Ballast, Gas Valve, Gas Meter, Electric Meter, Electric Manhole, Hand Hole, Light Pole, Light Pole w/ Mast Arm, Utility Pole, Telephone Pedestal, Telephone Manhole, Sign, Fence, Accessible Parking Stall, Curb & Gutter, Depressed Curb, Curb Elevation, Gutter Elevation, Powerline Elevation, Sidewalk Elevation, Ground Elevation, Top of Retaining Wall Elevation, Sewer, Contour Line, Deciduous Tree, Coniferous Tree, Brushline, Tree Protection Fencing at Drip Line.
- PROPOSED: Manhole, Catch Basin, Inlet, Area Drain, Clean Out, Flamed End Section, Storm Sewer, Sanitary Sewer, Combined Sewer, Water Main, Gas Line, Overhead Wires, Electrical Cable (Buried), Telephone Line, Fire Hydrant, Valve Vault, Buffalo Box, Downspout, Ballast, Gas Valve, Gas Meter, Electric Meter, Electric Manhole, Hand Hole, Light Pole, Light Pole w/ Mast Arm, Utility Pole, Telephone Pedestal, Telephone Manhole, Sign, Fence, Accessible Parking Stall, Curb & Gutter, Depressed Curb, Curb Elevation, Gutter Elevation, Powerline Elevation, Sidewalk Elevation, Ground Elevation, Top of Retaining Wall Elevation, Sewer, Contour Line, Deciduous Tree, Coniferous Tree, Brushline, Tree Protection Fencing at Drip Line.

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- Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.
- Contractor Shall Provide Private Utility Locating Services For Project.
- Notify The Owner, Engineer and The Village of Buffalo Grove, Engineering Department, 847-459-2523 A Minimum of 48 Hours in Advance of Performing Any Work.
- All Work on this site, including during construction operations and not part of the work as shown hereon shall be restored to original condition to the satisfaction of the owner at no additional cost to the owner. It is incumbent upon contractor to show that damaged areas were not disturbed by construction operations.
- These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) to Store All Site Improvements Accordingly. Contractor Shall Re-Establish Horizontal Control. Horizontal Control Points Not Provided.
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PROJECT BENCHMARKS

- Fire Hydrant Northeast Bury Blt. on south side of Aptakisic Junior High School. Elevation 676.37

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Aptakisic JH Additions and Renovations

1231 Weiland Rd
Buffalo Grove, Illinois 60089

Aptakisic-Tripp CCSD 102

1351 Abbott Court
Buffalo Grove, Illinois 60089

Wold

WOLD ARCHITECTS AND ENGINEERS
220 North Smith Street, Suite 310
Palatine, Illinois 60067
woldac.com | 847.241.6100

ERIKSSON ENGINEERING ASSOCIATES, LTD.

145 COMMERCE DRIVE, SUITE A
GRAYSLAKE, ILLINOIS 60030
PHONE: (847) 223-4804
FAX: (847) 223-4864
EMAIL: INFO@EEA-LTD.COM

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed ENGINEER under the laws of the State of ILLINOIS

KEVIN CAMINO

License Number: 062-051739 Date: 02/09/2024

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Addendum No. 3		01/25/2024	3
Issued For Construction		02/07/2024	4
Village Resolution		02/09/2024	5

Comm: 233064
Drawn: 02/09/2024
Date: MO
Check: KC

SITE DEMOLITION PLAN

Scale: 1" = 20'-0"

C1.00

IL

C

DEMOLITION LEGEND

- Utility Line Removal
- Bituminous Pavement Removal (Full Depth)
- Concrete Pavement Removal (Full Depth)
- Staging Area Section
- 2" Aggregate Base Course, Type B, Crushed, CA-6
- Non-Woven Geotextile Fabric, 8 oz
- 6" Aggregate Base Course, Type B, Crushed, CA-1
- Temporary Construction Access Road Section
- 2" Aggregate Base Course, Type B, Crushed, CA-6
- Non-Woven Geotextile Fabric, 8 oz
- Variable Depth Aggregate Base Course, Type B, Crushed, CA-1
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- Structure Removal
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- Provide and Maintain All Necessary Traffic Control and Safety Measures Required During Demolition and Construction Operations Within or Near the Public Roadway.
- All Light Poles to Be Removed From Private Property Shall Be Removed in Their Entirety, Including Base and All Appendages. Coordinate Abandonment of Electrical Lines With Electrical Engineer and Owner Prior to Demolition.
- Perform Tree Pruning in All Locations Where Proposed Pavement And/Or Utility Installation Encroach Within The Existing Drip Line Of Trees To Remain. All Trenching Within The Drip Line Of Existing Trees To Remain Shall Be Done Radially Away From Trunk If Roots In Excess Of 1" Diameter Are Exposed. Roots Must Be Cut By Reputable Tree Pruning Service Prior To Any Transverse Trenching. Obtain Approval Of The Architect Prior To Operations For A Variance From This Procedure.
- Coordinate Tree Removal with Village and School District. All Trees To Be Removed Shall Be Removed in Their Entirety and Stumps Shall Be Ground to Proposed Substrate. Use As Mulch for Proposed Landscaping Where Applicable and Acceptable to Architect.
- Provide Tree Protection Fencing Prior to Construction Operations. Maintain Throughout Construction.

LEGEND

- EXISTING
 - Manhole
 - Catch Basin
 - Inlet
 - Area Drain
 - Clean Out
 - Flared End Section
 - Storm Sewer
 - Sanitary Sewer
 - Combined Sewer
 - Water Main
 - Gas Line
 - Overhead Wires
 - Electric Cable (Buried)
 - Telephone Line
 - Fire Hydrant
 - Valve Vault
 - Buffalo Box
 - Downspout
 - Ballard
 - Gas Valve
 - Gas Meter
 - Electric Meter
 - Electric Manhole
 - Hand Hole
 - Light Pole
 - Light Pole w/ Mast Arm
 - Utility Pole
 - Telephone Pedestal
 - Telephone Manhole
 - Sign
 - Fence
 - Accessible Parking Stall
 - Curb & Gutter
 - Depressed Curb
 - Curb Elevation
 - Gutter Elevation
 - Pavement Elevation
 - Sidewalk Elevation
 - Ground Elevation
 - Top of Retaining Wall Elevation
 - Seale
 - Contour Line
 - Deciduous Tree
 - Coniferous Tree
 - Brushline
 - Tree Protection Fencing at Drip Line
- PROPOSED
 - Manhole
 - Catch Basin
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- All Work on or off site, including during construction operations and not part of the work as shown hereon shall be restored to original condition to the satisfaction of the owner at no additional cost to the owner. It is incumbent upon contractor to show that damaged areas were not disturbed by construction operations.
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Plot of Survey and Topography Provided By Daniel Creaney Company For Eriksson Engineering Associates on 08/08/2023. Order Number 8289

PROJECT BENCHMARKS

- Fire Hydrant Northeast Bury Blt. on south side of Aptakisic Junior High School. Elevation 678.37

J.U.L.I.E.

Note: The exact location of all utilities shall be verified by the contractor prior to construction activities. For utility locations call: J.U.L.I.E. 1 (800) 892-0123

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Aptakisic-Tripp CCSD 102

1351 Abbott Court
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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed

ENGINEER

under the laws of the State of ILLINOIS

KEVIN CAMINO

License Number: 062-051739 Date: 02/09/2024

Description	Revisions	Date	Num
Planning and Zoning		10/23/2023	
50% Construction Drawings		11/17/2023	
90% Construction Drawings		12/11/2023	
Issue For Bid		01/08/2024	
Addendum No. 1		01/15/2024	1
Addendum No. 2		01/22/2024	2
Addendum No. 3		01/25/2024	3
Issued For Construction		02/07/2024	4
Village Resolution		02/09/2024	5

Comm: 233064

Date: 02/09/2024

Drawn: MO

Check: KC

North

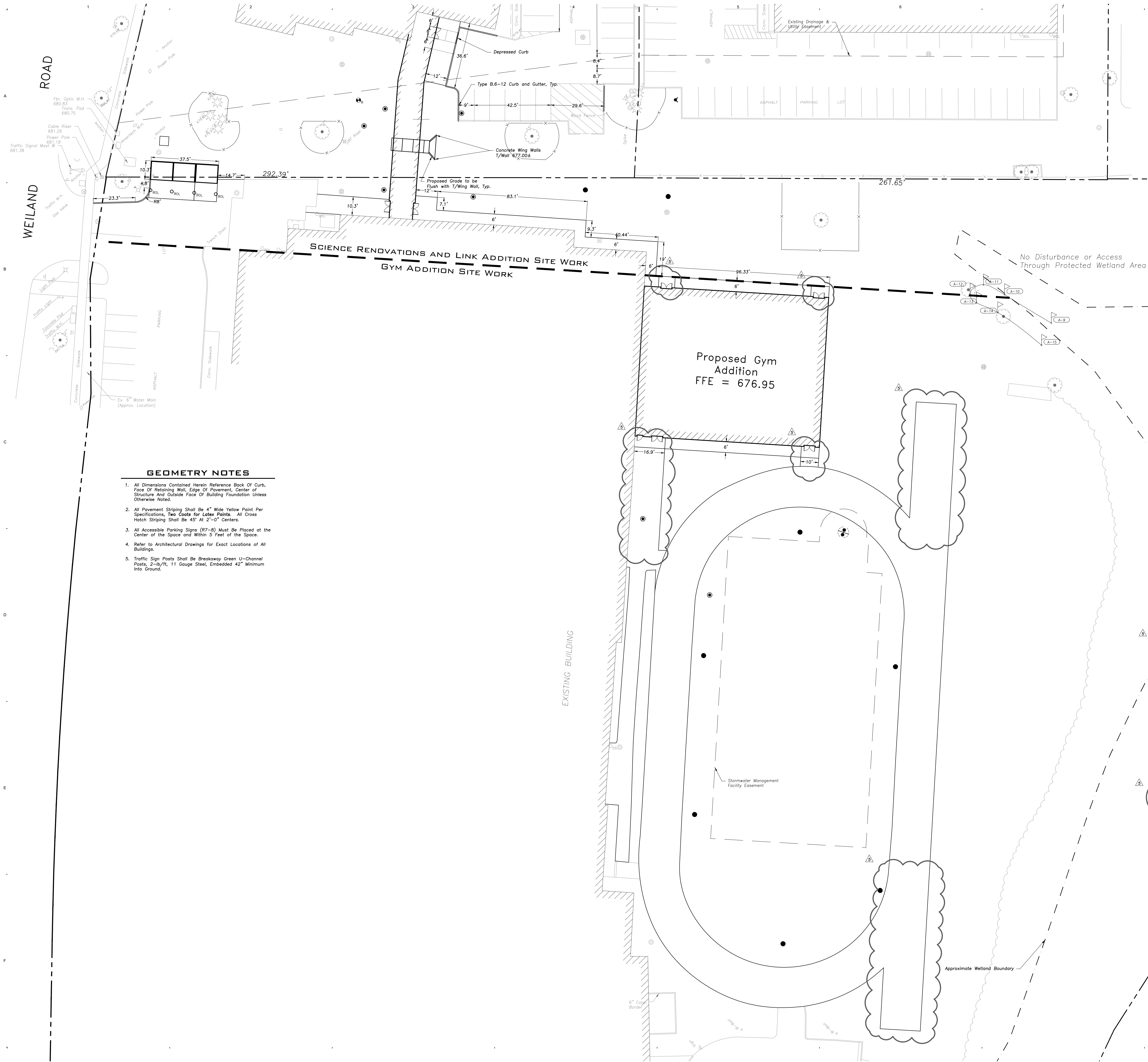
SITE DEMOLITION PLAN - NORTH

Scale: 1" = 20'-0"

C1.01

IL

C



GEOMETRY NOTES

- All Dimensions Contained Herein Reference Back Of Curb, Face Of Retaining Wall, Edge Of Pavement, Center of Structure And Outside Face Of Building Foundation Unless Otherwise Noted.
- All Pavement Striping Shall Be 4" Wide Yellow Paint Per Specifications, Two Coats for Latex Paints. All Cross Hatch Striping Shall Be 45° At 2'-0" Centers.
- All Accessible Parking Signs (87-9) Must Be Placed at the Center of the Space and Within 5 Feet of the Space.
- Refer to Architectural Drawings for Exact Locations of All Buildings.
- Traffic Sign Posts Shall Be Breakaway Green U-Channel Posts, 2-lb/ft, 11 Gauge Steel, Embedded 42" Minimum into Ground.

LEGEND

EXISTING	PROPOSED
Manhole	Manhole
Catch Basin	Catch Basin
Area Drain	Area Drain
Clean Out	Clean Out
Flared End Section	Flared End Section
Storm Sewer	Storm Sewer
Sanitary Sewer	Sanitary Sewer
Combined Sewer	Combined Sewer
Water Main	Water Main
Gas Line	Gas Line
Overhead Wires	Overhead Wires
Electric Cable (Buried)	Electric Cable (Buried)
Telephone Line	Telephone Line
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Light Pole w/ Mast Arm	Light Pole w/ Mast Arm
Utility Pole	Utility Pole
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Telephone Manhole	Telephone Manhole
Sign	Sign
Fence	Fence
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Curb & Gutter	Curb & Gutter
Depressed Curb	Depressed Curb
Curb Elevation	Curb Elevation
Gutter Elevation	Gutter Elevation
Pavement Elevation	Pavement Elevation
Sidewalk Elevation	Sidewalk Elevation
Ground Elevation	Ground Elevation
Top of Retaining Wall Elevation	Top of Retaining Wall Elevation
Seale	Seale
Contour Line	Contour Line
Deciduous Tree	Deciduous Tree
Coniferous Tree	Coniferous Tree
Brushline	Brushline
Tree Protection	Tree Protection
Fencing at Drip Line	Fencing at Drip Line

GENERAL NOTES

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SURVEY PROVIDED BY:

PLOT OF SURVEY AND TOPOGRAPHY PROVIDED BY DANIEL CREANEY COMPANY FOR ERIKSSON ENGINEERING ASSOCIATES ON 08/08/2023. ORDER NUMBER 8289

PROJECT BENCHMARKS

- Fire Hydrant NorthEast Bury Blt. on south side of Aptakistic Junior High School. Elevation 676.37

J.U.L.I.E.

Note: The exact location of all utilities shall be verified by the contractor prior to construction activities. For utility locations call: J.U.L.I.E. 1 (800) 892-0123

Aptakistic JH Additions and Renovations

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Aptakistic-Tripp CCSD
102
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KEVIN CAMINO

License Number: 062-051739 Date: 02/09/2024

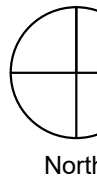
Description	Date	Num
Planning and Zoning	10/23/2023	
50% Construction Drawings	11/17/2023	
80% Construction Drawings	12/11/2023	
Issue For Bid	01/08/2024	
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Issued For Construction	02/07/2024	4
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Comm: 233064

Date: 02/09/2024

Drawn: MO

Check: KC



SITE GEOMETRY PLAN

Scale: 1" = 20'-0"

C2.00

IL

C

PAVING & SURFACE LEGEND

Asphalt Pavement Section

1 1/2" Hot Mix Asphalt, Mix D, IL-9.5, N50

2 1/2" Hot Mix Asphalt, IL-19.0, N50

Prime Coat (0.25 gal/sq yd)

8" Aggregate Base Course, Type B, Crushed, CA-6

Concrete Sidewalk Section

8" Portland Cement Concrete

6"x6" W1.4xW1.4 Welded Wire Fabric

2" Aggregate Base Course, Type B, Crushed

Heavy-Duty Asphalt Pavement Section

1 1/2" Hot Mix Asphalt, Mix D, IL-9.5, N50

3 1/2" Hot Mix Asphalt, IL-19.0, N50

Prime Coat (0.25 gal/sq yd)

10" Aggregate Base Course, Type B, Crushed, CA-6

Concrete Driveway Section

8" Portland Cement Concrete

6"x6" W2.9xW2.9 Welded Wire Fabric

6" Aggregate Base Course, Type B, Crushed

Stormwater Overland Flow Path

Ridge Line/High Point

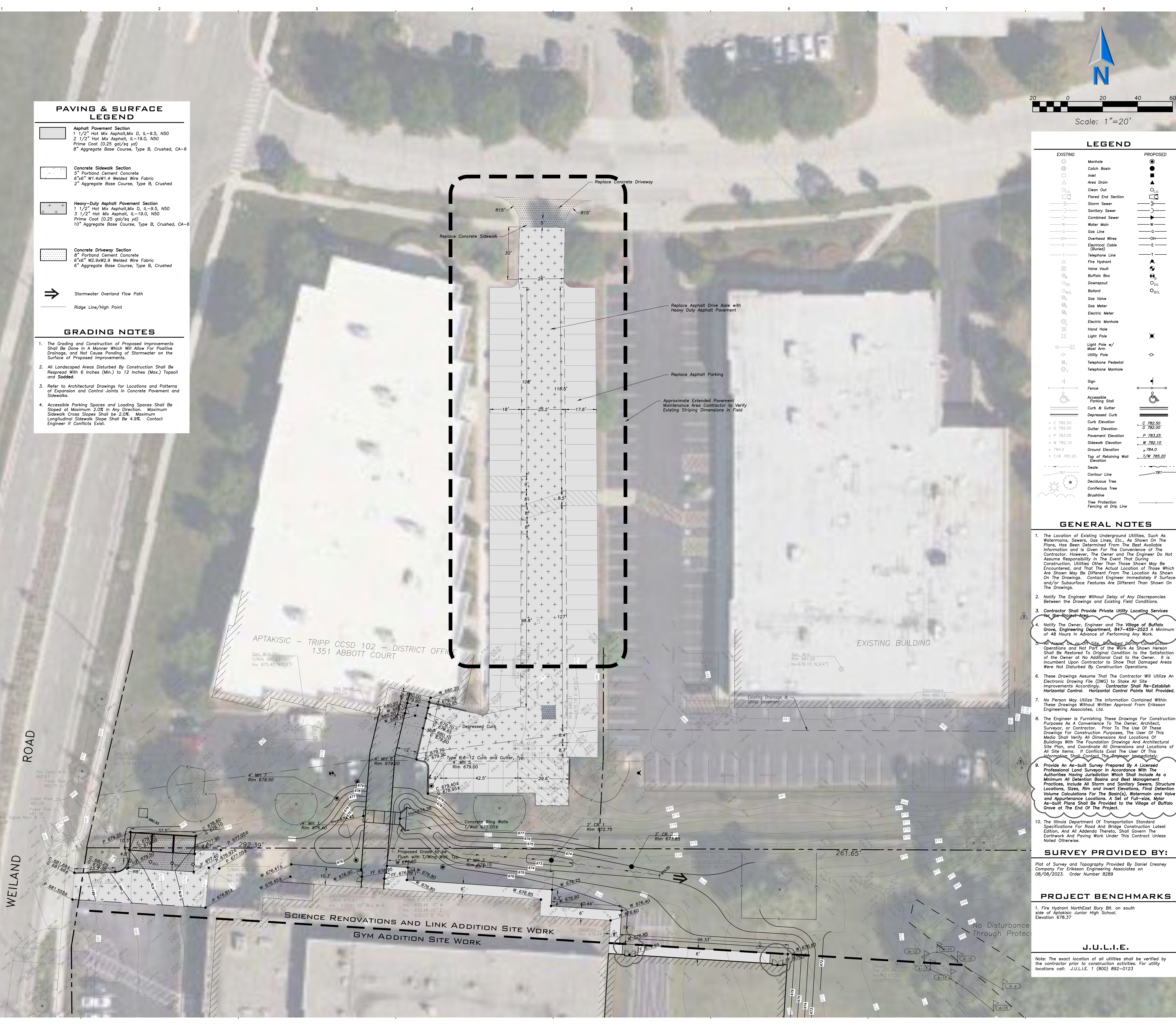
GRADING NOTES

1. The Grading and Construction of Proposed Improvements Shall Be Done in A Manner Which Will Allow For Positive Drainage, and Not Cause Ponding of Stormwater on the Surface of Proposed Improvements.

2. All Landscaped Areas Disturbed By Construction Shall Be Respread With 6 Inches (Min.) to 12 Inches (Max.) Topsoil and Sodded.

3. Refer to Architectural Drawings for Locations and Patterns of Expansion and Control Joints in Concrete Pavement and Sidewalks.

4. Accessible Parking Spaces and Loading Spaces Shall Be Sloped at Maximum 2.0% in Any Direction. Maximum Sidewalk Cross Slopes Shall be 2.0%. Maximum Longitudinal Sidewalk Slope Shall Be 4.9%. Contact Engineer if Conflicts Exist.



LEGEND

EXISTING

PROPOSED

Manhole

Catch Basin

Inlet

Area Drain

Clean Out

Flared End Section

Storm Sewer

Sanitary Sewer

Combined Sewer

Water Main

Gas Line

Overhead Wires

Electrical Cable (Buried)

Telephone Line

Fire Hydrant

Valve Vault

Buffalo Box

Downspout

Ballard

Gas Valve

Gas Meter

Electric Manhole

Hand Hole

Light Pole

Light Pole w/ Mast Arm

Utility Pole

Telephone Pedestal

Telephone Manhole

Sign

Fence

Accessible Parking Stall

Curb & Gutter

Depressed Curb

Curb Elevation

Gutter Elevation

Pavement Elevation

Sidewalk Elevation

Ground Elevation

Top of Retaining Wall Elevation

Swale

Contour Line

Deciduous Tree

Coniferous Tree

Brushline

Tree Protection Fencing at Drip Line

Manhole

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J.U.L.I.E.

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APTAKISIC-TRIPP CCSD 102

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Wold

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License Number: 062-051739 Date: 02/09/2024

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Comm: 233064
Date: 02/09/2024
Drawn: MO
Check: KC

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Scale: 1"=20'-0"

C2.01

Page 150 of 208



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License Number: **062-051739** Date: **03/08/2024**

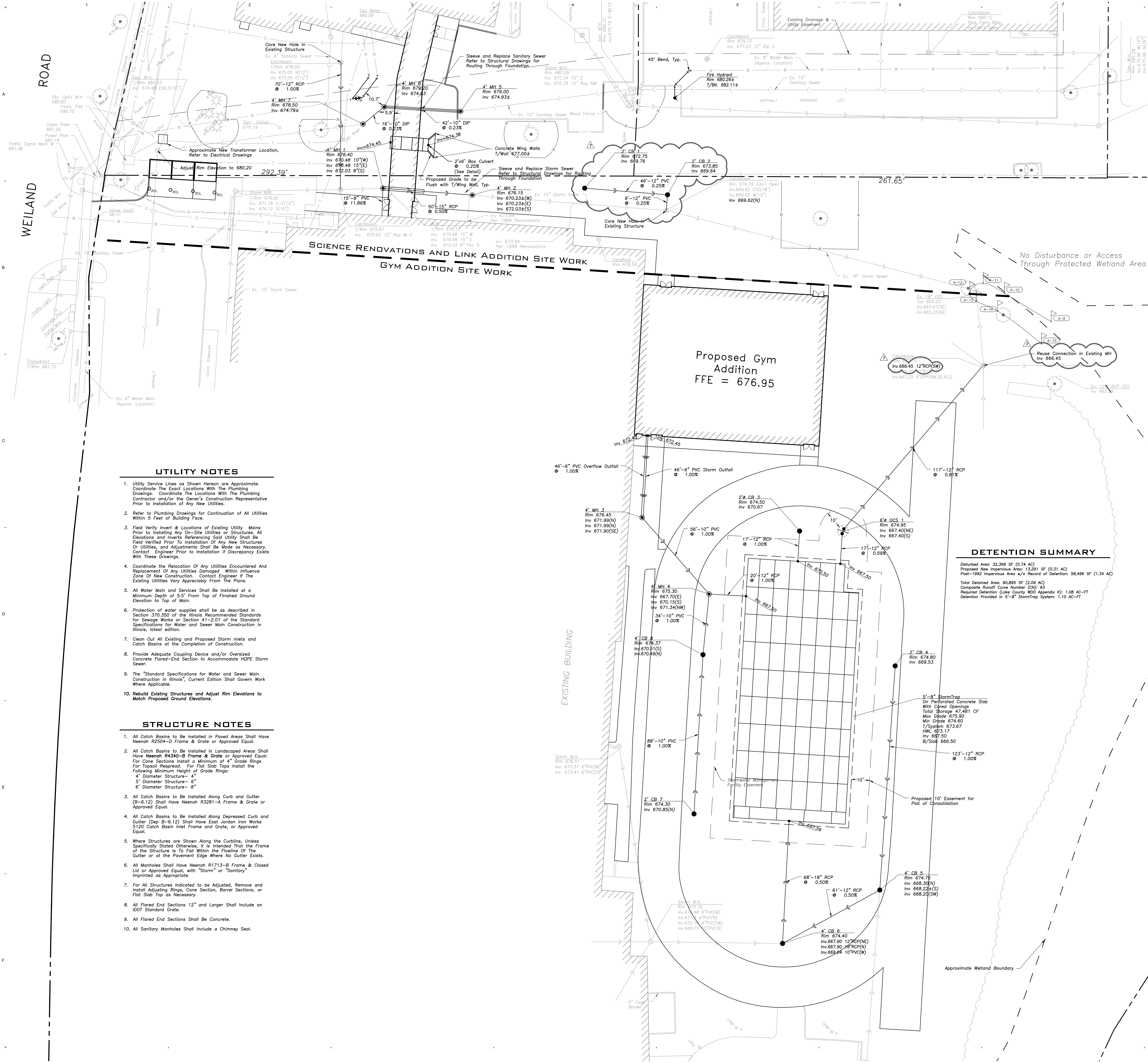
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PR #1		03/08/2024	6
Village Resubmittal / PR #3		03/08/2024	7

Comm: **233064**
Date: **03/08/2024**
Drawn: **MO**
Check: **KC**
North

SITE UTILITY PLAN

Scale: 1" = 20'-0"

C3.00



UTILITY NOTES

- Utility Service Lines as Shown Hereon are Approximate. Coordinate The Exact Locations With The Plumbing Drawings. Coordinate The Locations With The Plumbing Contractor and/or the Owner's Construction Representative Prior to Installation of Any New Utilities.
- Refer to Plumbing Drawings for Continuation of All Utilities Within 5 Feet of Building Foot.
- Field Verify Invert & Locations of Existing Utility Mains Prior to Installing Any On-Site Utilities or Structures. All Elevations and Inverts Referencing Said Utility Shall Be Field Verified Prior to Installation of Any New Structures or Utilities, and Adjustments Shall Be Made as Necessary. Contact Engineer Prior to Installation if Discrepancy Exists With These Drawings.
- Coordinate the Relocation of Any Utilities Encountered And Replacement of Any Utilities Damaged Within Influence Zone of New Construction. Contact Engineer if The Existing Utilities Vary Appreciably From The Plans.
- All Water Main and Services Shall Be Installed at a Minimum Depth of 5.5' From Top of Finished Ground Elevation to Top of Main.
- Protection of water supplies shall be as described in Section 370.350 of the Illinois Recommended Standards for Sewage Works or Section 41-2.01 of the Standard Specifications for Water and Sewer Main Construction in Illinois, latest edition.
- Clean Out All Existing and Proposed Storm Inlets and Catch Basins at the Completion of Construction.
- Provide Adequate Coupling Device and/or Oversized Concrete Flared-End Section to Accommodate HDPE Storm Sewer.
- The "Standard Specifications for Water and Sewer Main Construction in Illinois", Current Edition Shall Govern Work Where Applicable.
- Rebuild Existing Structures and Adjust Rim Elevations to Match Proposed Ground Elevations.

STRUCTURE NOTES

- All Catch Basins to Be Installed in Paved Areas Shall Have Neenah R2504-B Frame & Grate or Approved Equal.
- All Catch Basins to Be Installed in Landscaped Areas Shall Have Neenah R4340-B Frame & Grate or Approved Equal. For Cone Sections install a Minimum of 4" Grade Rings For Topsoil Restraint. For Flat Slab Tops install the Following Minimum Height of Grade Rings:
4" Diameter Structure- 4"
5" Diameter Structure- 6"
6" Diameter Structure- 8"
- All Catch Basins to Be Installed Along Curb and Gutter (B-6.12) Shall Have Neenah R3281-A Frame & Grate or Approved Equal.
- All Catch Basins to Be Installed Along Depressed Curb and Gutter (Dep B-6.12) Shall Have East Jordan Iron Works 5120 Catch Basin Inlet Frame and Grate, or Approved Equal.
- Where Structures are Shown Along the Curbside, Unless Specifically Stated Otherwise, It is Intended That the Frame of the Structure is to Fall Within the Flowline of the Gutter or at the Pavement Edge Where No Gutter Exists.
- All Manholes Shall Have Neenah R1713-B Frame & Closed Lid or Approved Equal, with "Storm" or "Sanitary" Imprinted as Appropriate.
- For All Structures Indicated to be Adjusted, Remove and install Adjusting Rings, Cone Section, Barrel Sections, or Flat Slab Top as Necessary.
- All Flared End Sections 12" and Larger Shall Include an IDOT Standard Grate.
- All Flared End Sections Shall Be Concrete.
- All Sanitary Manholes Shall Include a Chimney Seal.

DETENTION SUMMARY

Disturbed Area: 32,399 SF (0.74 AC)
Proposed New Impervious Area: 13,291 SF (0.31 AC)
Post-1992 Impervious Area w/o Record of Detention: 58,496 SF (1.34 AC)
Total Detained Area: 90,895 SF (2.09 AC)
Composite Runoff Curve Number (CN): 93
Required Detention (Lake County WDI Appendix K): 1.08 AC-FT
Detention Provided in 5'-8" StormTrap System: 1.10 AC-FT

GENERAL NOTES

- The Location of Existing Underground Utilities, Such as Watermains, Sewers, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and is Given For The Convenience of The Contractor. However, The Owner and The Engineer Do Not Assume Responsibility in The Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately if Surface and/or Subsurface Features Are Different Than Shown On The Drawings.
- Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.
- Contractor Shall Provide Private Utility Locating Services for the Project Area.
- Notify The Owner, Engineer and The Village of Buffalo Grove, Engineering Department, 847-459-2523 A Minimum of 48 Hours in Advance of Performing Any Work.
- All Areas, On or Off Site, Disturbed During Construction Operations and Not Part of the Work As Shown Hereon Shall Be Restored to Original Condition to the Satisfaction of the Owner at No Additional Cost to the Owner. It is Incumbent Upon Contractor to Show That Damaged Areas Were Not Disturbed by Construction Operations.
- These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) to Store All Site Improvements Accordingly. Contractor Shall Re-Establish Horizontal Control. Horizontal Control Points Not Provided.
- No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.
- The Engineer is Furnishing These Drawings For Construction Purposes As A Convenience To The Owner, Architect, Surveyor, or Contractor. Prior To The Use Of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions And Locations Of Buildings With The Foundation Drawings And Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information Shall Contact The Engineer Immediately.
- Provide An As-Built Survey Prepared By A Licensed Professional Land Surveyor in Accordance With The Authorities Having Jurisdiction Which Shall Include As a Minimum All Detention Basins and Best Management Practices, Include All Storm and Sanitary Sewers, Structure Locations, Sizes, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations, A Set of Full-size, Major As-built Plans Shall Be Provided to the Village of Buffalo Grove at The End Of The Project.
- The Illinois Department Of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Thereto, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.

SURVEY PROVIDED BY:

Plot of Survey and Topography Provided By Daniel Creaney Company For Eriksson Engineering Associates on 08/08/2023. Order Number 8289

PROJECT BENCHMARKS

- Fire Hydrant Northeast Bury Blt. on south side of Aptakisic Junior High School. Elevation 676.37

J.U.L.I.E.

Note: The exact location of all utilities shall be verified by the contractor prior to construction activities. For utility locations call: J.U.L.I.E. 1 (800) 892-0123

Aptakisic JH Additions and Renovations

1231 Weiland Rd
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Aptakisic-Tripp CCSD
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145 COMMERCIAL DRIVE, SUITE A
GRAYSLAKE, ILLINOIS 60030
PHONE: (847) 223-4804
FAX: (847) 223-4864
EMAIL: INFO@EEA-LTD.COM

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed

ENGINEER

under the laws of the State of ILLINOIS

KEVIN CAMINO

License Number: 062-051739 Date: 02/09/2024

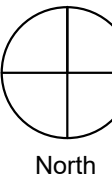
Description	Revisions	Date	Num
Planning and Zoning		10/23/2023	
50% Construction Drawings		11/17/2023	
50% Construction Drawings		12/11/2023	
Issue For Bid		01/08/2024	
Addendum No. 1		01/15/2024	1
Addendum No. 2		01/22/2024	2
Addendum No. 3		01/25/2024	3
Issued For Construction		02/07/2024	4
Volume Residential		02/09/2024	5

Comm: 233064

Date: 02/09/2024

Drawn: MO

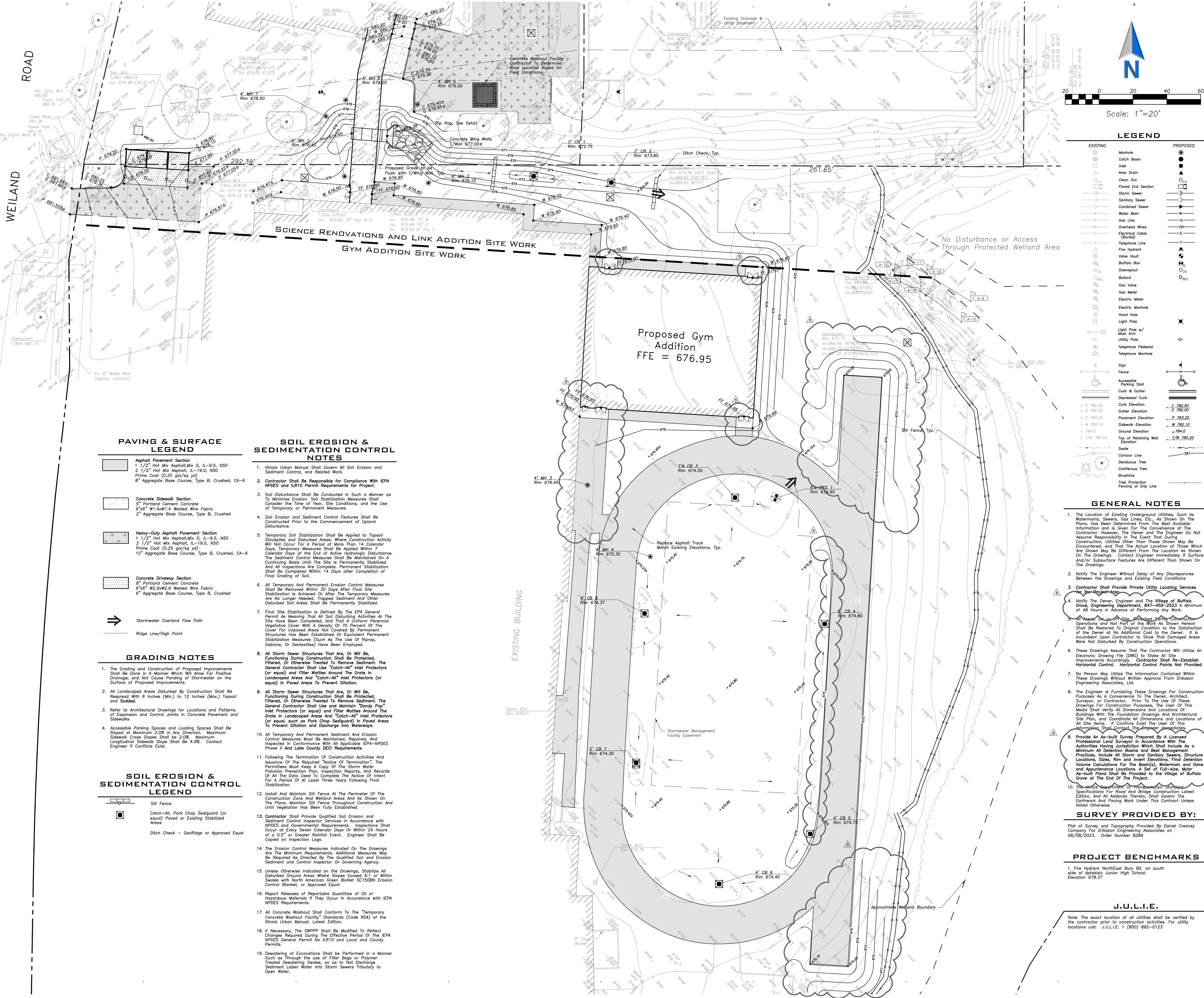
Check: KC



SITE GRADING,
PAVING, AND
SESC PLAN

Scale: 1" = 20'-0"

C4.00



PAVING & SURFACE
LEGEND

- Asphalt Pavement Section
 - 1 1/2" Hot Mix Asphalt, Mix D, IL-9.5, N50
 - 2 1/2" Hot Mix Asphalt, IL-19.0, N50
 - Prime Coat (0.25 gal/sq yd)
 - 8" Aggregate Base Course, Type B, Crushed, CA-6
- Concrete Sidewalk Section
 - 5" Portland Cement Concrete
 - 6"x6" W1.4xW1.4 Welded Wire Fabric
 - 2" Aggregate Base Course, Type B, Crushed
- Heavy-Duty Asphalt Pavement Section
 - 1 1/2" Hot Mix Asphalt, Mix D, IL-9.5, N50
 - 3 1/2" Hot Mix Asphalt, IL-19.0, N50
 - Prime Coat (0.25 gal/sq yd)
 - 10" Aggregate Base Course, Type B, Crushed, CA-6
- Concrete Driveway Section
 - 8" Portland Cement Concrete
 - 6"x6" W2.9xW2.9 Welded Wire Fabric
 - 6" Aggregate Base Course, Type B, Crushed
- Stormwater Overland Flow Path
- Ridge Line/High Point

GRADING NOTES

- The Grading and Construction of Proposed Improvements Shall Be Done In A Manner Which Will Allow For Positive Drainage and Not Cause Ponding of Stormwater on the Surface of Proposed Improvements.
- All Landscaped Areas Disturbed By Construction Shall Be Reseeded With 6 Inches (Min.) to 12 Inches (Max.) Topsoil and Sodded.
- Refer to Architectural Drawings for Locations and Patterns of Expansion and Control Joints in Concrete Pavement and Sidewalks.
- Accessible Parking Spaces and Loading Spaces Shall Be Sloped at Maximum 2.0% in Any Direction. Maximum Sidewalk Cross Slopes Shall Be 2.0%. Maximum Longitudinal Sidewalk Slope Shall Be 4.9%. Contact Engineer if Conflicts Exist.

SOIL EROSION &
SEDIMENTATION CONTROL
LEGEND

- Silt Fence
- Catch-All, Pork Chop Sediguard (or equal) Paved or Existing Stabilized Area
- Ditch Check - Georidge or Approved Equal

SOIL EROSION &
SEDIMENTATION CONTROL
NOTES

- Illinois Urban Manual Shall Govern All Soil Erosion and Sediment Control, and Related Work.
- Contractor Shall Be Responsible for Compliance With IEPA NPDES and ILRII Permit Requirements for Project.
- Soil Disturbance Shall Be Conducted in Such a Manner as To Minimize Erosion. Soil Stabilization Measures Shall Consider the Time of Year, Site Conditions, and the Use of Temporary or Permanent Measures.
- Soil Erosion and Sediment Control Features Shall Be Constructed Prior to the Commencement of Upland Disturbance.
- Temporary Soil Stabilization Shall Be Applied to Topsoil Spoilpiles and Disturbed Areas, Where Construction Activity Will Not Occur For A Period of More Than 14 Calendar Days. Temporary Measures Shall Be Applied Within 7 Calendar Days of the End of Active Hydrologic Disturbance. The Sediment Control Measures Shall Be Maintained On A Continuing Basis Until the Site is Permanently Stabilized And All Inspections Are Complete. Permanent Stabilization Shall Be Completed Within 14 Days after Completion of Final Grading of Soil.
- All Temporary And Permanent Erosion Control Measures Shall Be Removed Within 30 Days After Final Site Stabilization is Achieved Or After The Temporary Measures Are No Longer Needed. Trapped Sediment And Other Disturbed Soil Areas Shall Be Permanently Stabilized.
- Final Site Stabilization is Defined By The EPA General Permit As Meaning That All Soil Disturbing Activities At The Site Have Been Completed, And That A Uniform Perennial Vegetative Cover With A Density of 70 Percent Of The Lower For Unpaved Areas Not Covered By Permanent Structures Has Been Established Or Equivalent Permanent Stabilization Measures (Such As The Use Of Riprap, Gabions, Or Geotextiles) Have Been Employed.
- All Storm Sewer Structures That Are, Or Will Be, Functioning During Construction Shall Be Protected, Filled, Or Otherwise Treated To Remove Sediment. The General Contractor Shall Use "Catch-All" Inlet Protectors (or equal) and Filter Watties Around The Grotte In Landscaped Areas And "Catch-All" Inlet Protectors (or equal) in Paved Areas To Prevent Siltation.
- All Storm Sewer Structures That Are, Or Will Be, Functioning During Construction Shall Be Protected, Filled, Or Otherwise Treated To Remove Sediment. The General Contractor Shall Use and Maintain "Dandy Pop" Inlet Protectors (or equal) and Filter Watties Around The Grotte In Landscaped Areas And "Catch-All" Inlet Protectors (or equal), such as Pork Chop Sediguard in Paved Areas To Prevent Siltation and Discharge into Waterways.
- All Temporary And Permanent Sediment And Erosion Control Measures Must Be Maintained, Repaired, And Inspected In Conformance With All Applicable IEPA-NPDES Phase II And Lake County DEC Requirements.
- Following The Termination Of Construction Activities And Issuance Of The Required "Notice Of Termination", The Permittees Must Keep A Copy Of The Storm Water Pollution Prevention Plan, Inspection Reports, And Records Of All The Data Used To Complete The Notice Of Intent For A Period Of At Least Three Years Following Final Stabilization.
- Install And Maintain Silt Fence At The Perimeter Of The Construction Zone And Wetland Areas And As Shown On The Plans. Maintain Silt Fence Throughout Construction And Until Vegetation Has Been Fully Established.
- Contractor Shall Provide Qualified Soil Erosion and Sediment Control Inspector Services in Accordance with NPDES and Governmental Requirements. Inspections Shall Occur At Every Seven Calendar Days Or Within 24 Hours of a 0.5" or Greater Rainfall Event. Engineer Shall Be Copied on Inspection Logs.
- The Erosion Control Measures Indicated On The Drawings Are The Minimum Requirements. Additional Measures May Be Required As Directed By The Qualified Soil And Erosion Sediment and Control Inspector Or Governing Agency.
- Unless Otherwise Indicated on the Drawings, Stabilize All Disturbed Ground Areas Where Slopes Exceed 6:1 or Within Swales with North American Green BioNet SC150BN Erosion Control Blanket, or Approved Equal.
- Report Releases of Reportable Quantities of Oil or Hazardous Materials If They Occur in Accordance with IEPA NPDES Requirements.
- All Concrete Washout Shall Conform To The "Temporary Concrete Washout Facility" Standards (Code 954) of the Illinois Urban Manual, Latest Edition.
- If Necessary, The SWPPP Shall Be Modified To Reflect Changes Required During The Effective Period Of The IEPA NPDES General Permit No ILRII and Local and County Permits.
- Dewatering of Excavations Shall be Performed in a Manner Such as Through the Use of Filter Bags or Polymer Treated Dewatering Swales, so as to Not Discharge Sediment Laden Water into Storm Sewers Tributary to Open Water.

LEGEND

- EXISTING
 - Manhole
 - Catch Basin
 - Inlet
 - Area Drain
 - Flared End Section
 - Storm Sewer
 - Sanitary Sewer
 - Combined Sewer
 - Water Main
 - Gas Line
 - Overhead Wires
 - Electric Cable (Buried)
 - Telephone Line
 - Fire Hydrant
 - Valve Vault
 - Buffalo Box
 - Downspout
 - Ballast
 - Gas Valve
 - Gas Meter
 - Electric Meter
 - Electric Manhole
 - Hand Hole
 - Light Pole
 - Light Pole w/ Mast Arm
 - Utility Pole
 - Telephone Pedestal
 - Telephone Manhole
 - Sign
 - Fence
 - Accessible Parking Stall
 - Curb & Gutter
 - Depressed Curb
 - Curb Elevation
 - Gutter Elevation
 - Powerline Elevation
 - Sidewalk Elevation
 - Ground Elevation
 - Top of Retaining Wall Elevation
 - Swale
 - Contour Line
 - Deciduous Tree
 - Coniferous Tree
 - Brushline
 - Tree Protection Fencing at Drip Line
- PROPOSED
 - Manhole
 - Inlet
 - Area Drain
 - Flared End Section
 - Storm Sewer
 - Sanitary Sewer
 - Combined Sewer
 - Water Main
 - Gas Line
 - Overhead Wires
 - Electric Cable (Buried)
 - Telephone Line
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 - Valve Vault
 - Buffalo Box
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- All ~~Work~~ ~~On~~ ~~the~~ ~~Site~~ ~~During~~ ~~Construction~~ Operations and Not Part of the Work As Shown Hereon Shall Be Restored To Original Condition to the Satisfaction of the Owner at No Additional Cost to the Owner. It is Incumbent Upon Contractor to Show That Damaged Areas Were Not Disturbed By Construction Operations.
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SURVEY PROVIDED BY:

Piet of Survey and Topography Provided By Daniel Crenney Company For Eriksson Engineering Associates on 08/08/2023. Order Number 8289

PROJECT BENCHMARKS

- Fire Hydrant NorthEast Bury Blt. on south side of Aptakisic Junior High School. Elevation 676.37

J.U.L.I.E.

Note: The exact location of all utilities shall be verified by the contractor prior to construction activities. For utility locations call: J.U.L.I.E. 1 (800) 892-0123

IL

C

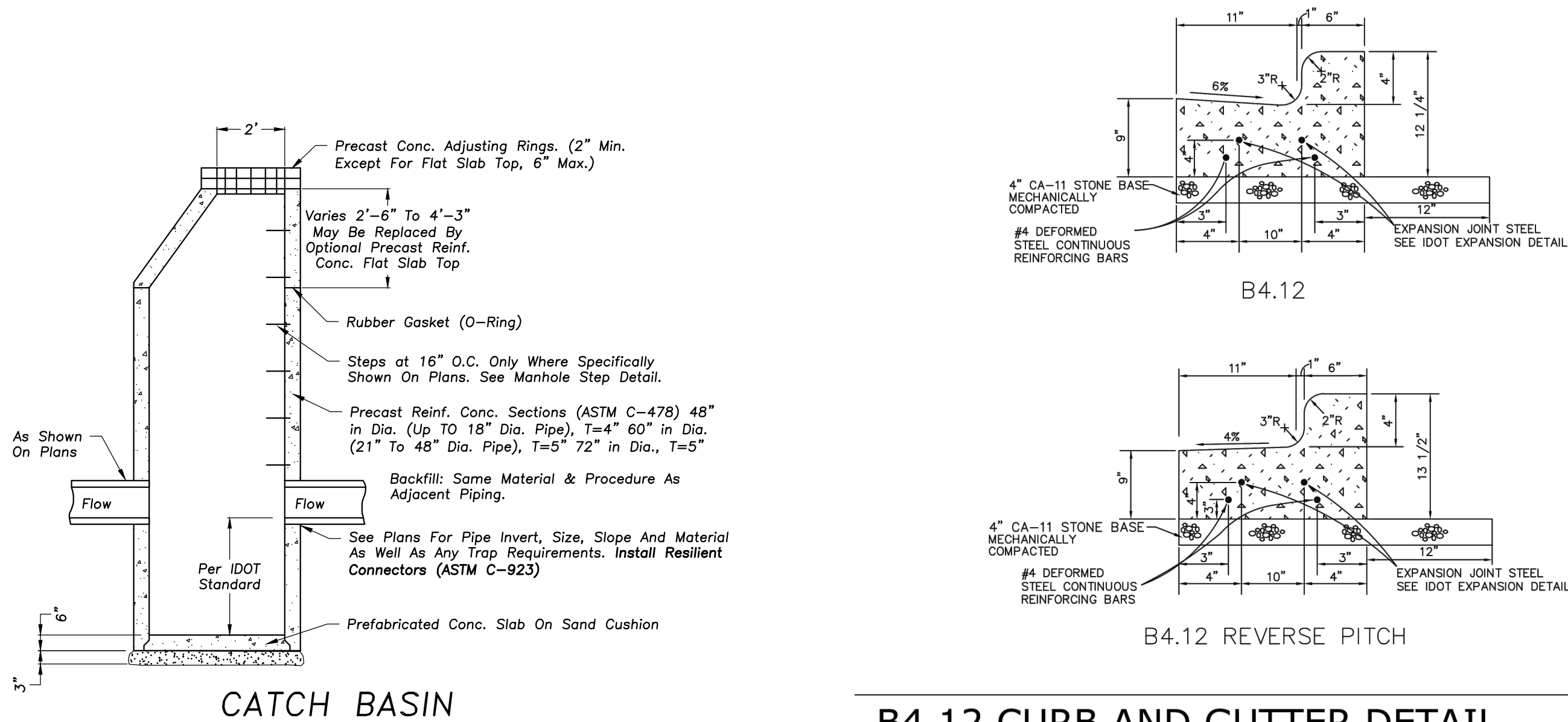
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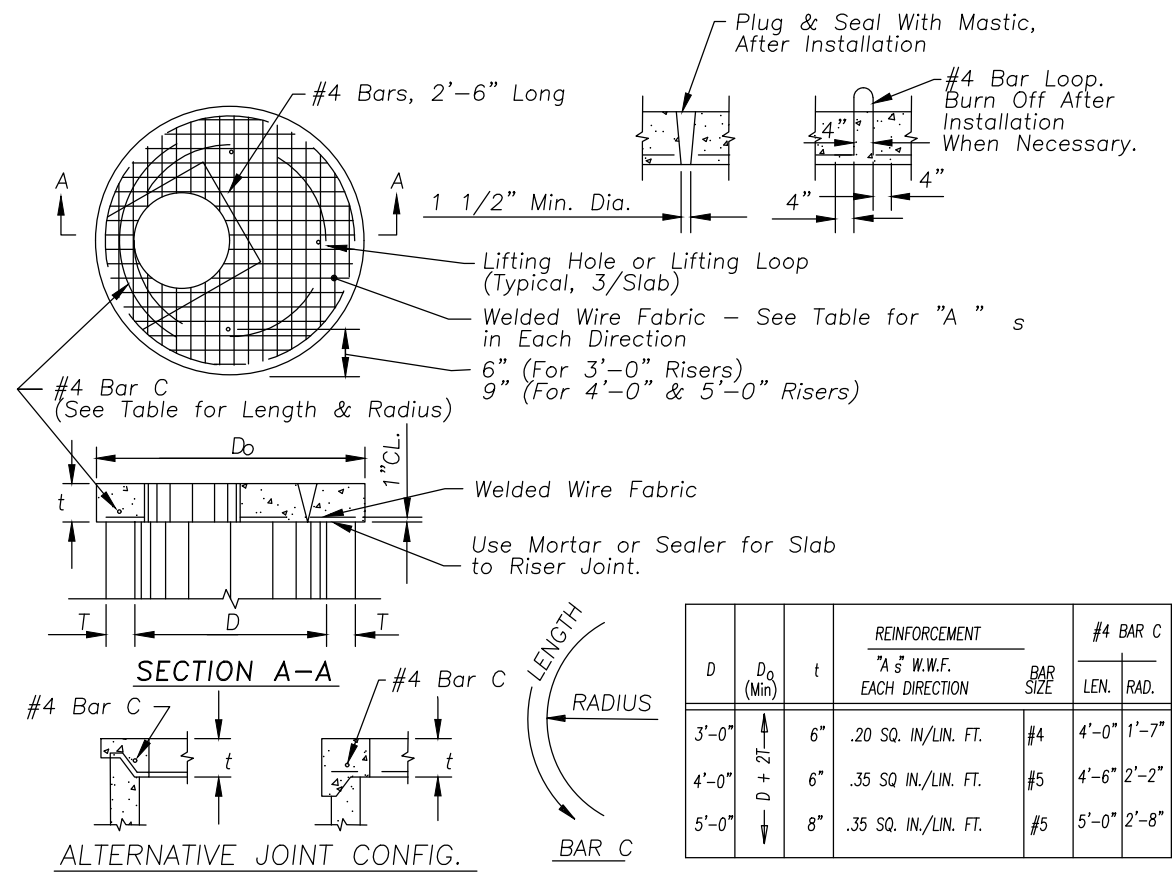
EXHIBIT NO. 501



B4.12 CURB AND GUTTER DETAIL

- NOTE:
1. SET EXPANSION JOINTS AT ALL CURB, UTILITY, FIRE HYDRANT OR OTHER BREAK IN ANY FRAME, AND AT 10' MAX. INTERVALS.
 2. CONTRACTION JOINTS SHALL BE TOoled AT 10' INTERVALS AND SAW CUT WITHIN 24 HOURS.
 3. JOINTS SHALL BE CLEANED AND SEALED ACCORDING TO ARTICLE 420.12.
 4. CURING COMPOUND REQUIRED.
 5. IDOT APPROVED CURBS ALSO PERMITTED.

Prepared by the Village Engineering Division



PRECAST REINF. CONC. FLAT SLAB TOP

WALK ADJACENT TO BUILDING

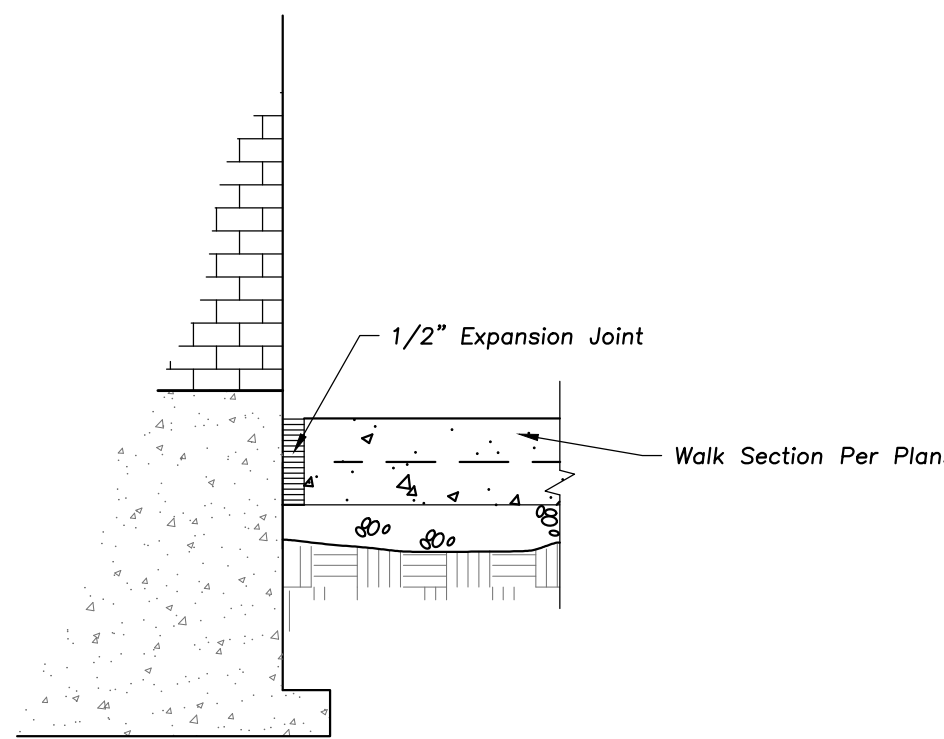
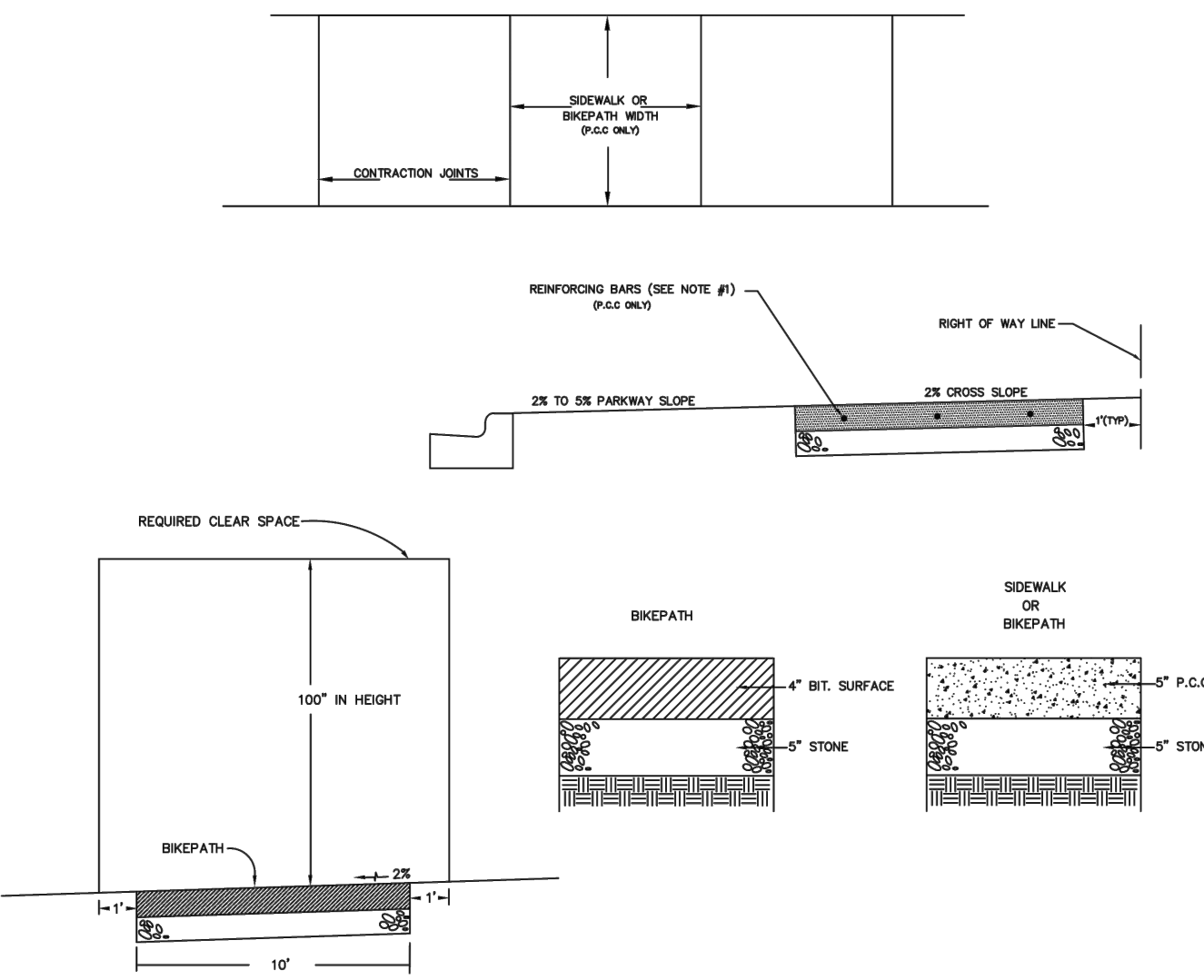


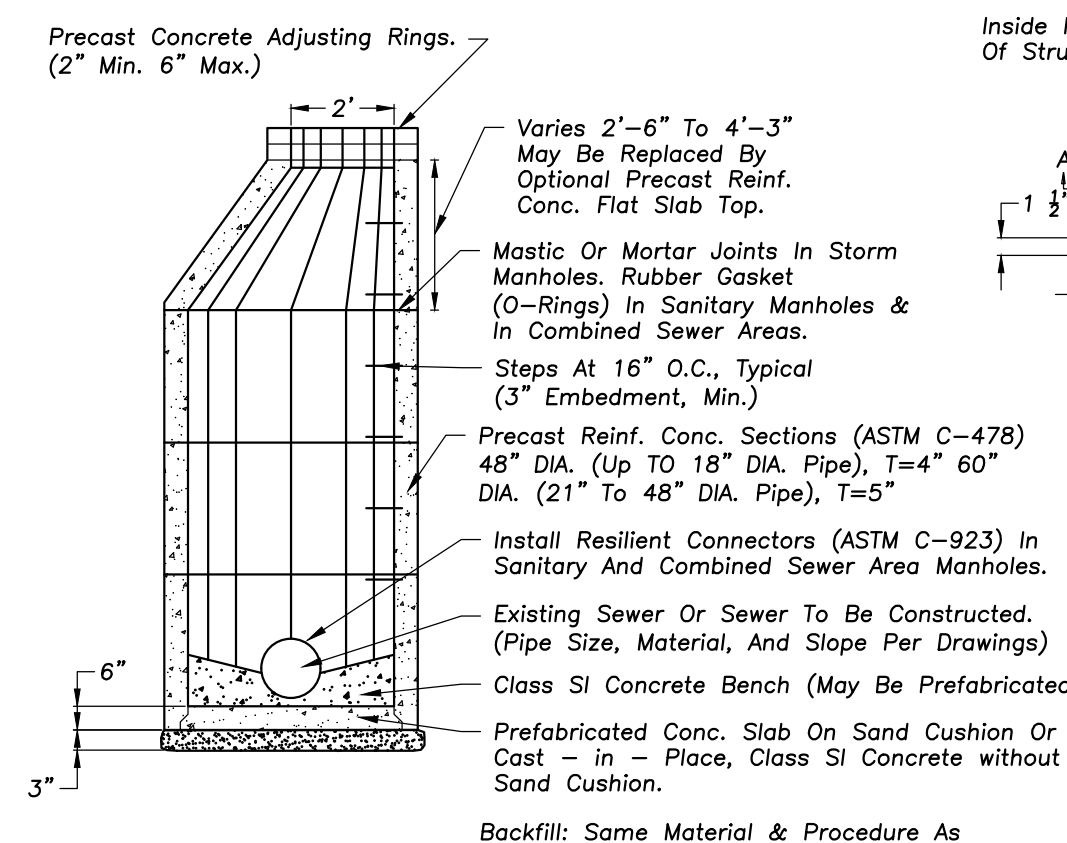
EXHIBIT NO. 502



BIKEPATH & SIDEWALK DETAIL

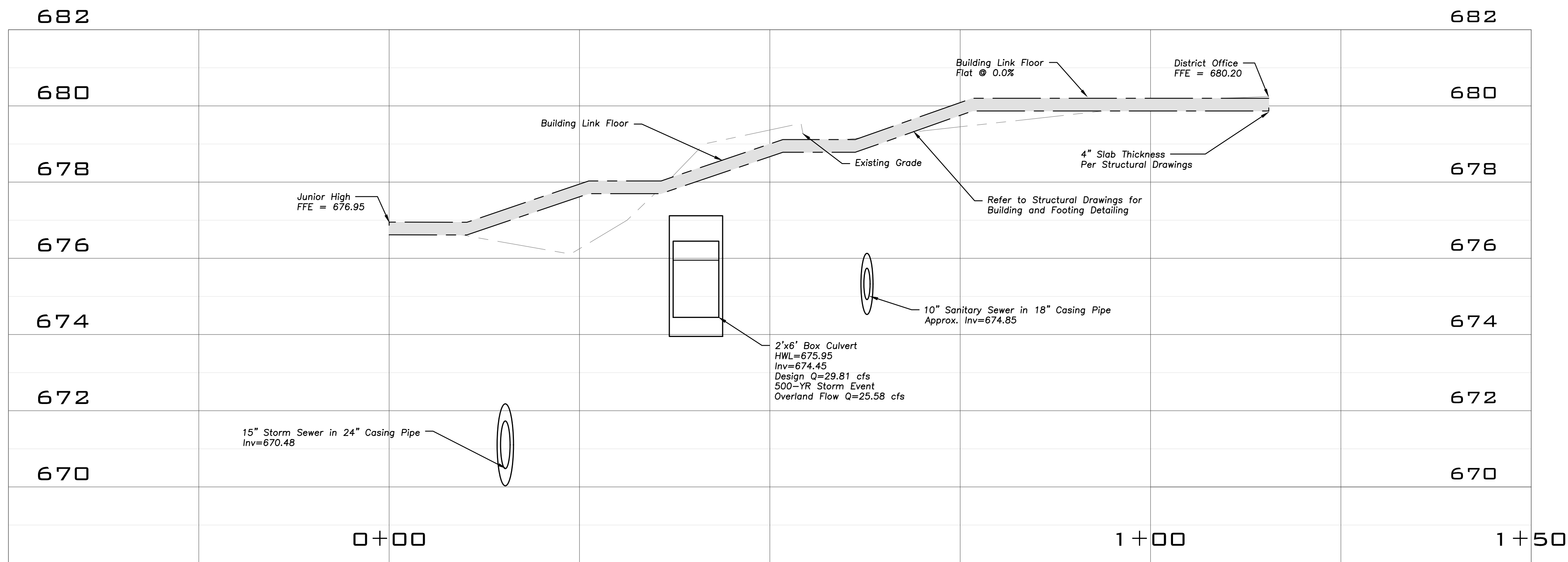
- NOTE:
1. AT ALL TRENCH CROSSINGS, 3 - 10' X 3/4" REINFORCING BARS SHALL BE PLACED EQUALLY SPACED AND CENTERED OVER THE TRENCH.
 2. CONCRETE THICKNESS SHALL BE 6" AT ALL DRIVEWAYS AND TRENCH CROSSINGS.
 3. SET 3/4" EXPANSION JOINTS AT 50' MAX. SPACING INTERVALS.
 4. SIDEWALK WIDTH AS SHOWN ON PLANS.
 5. CURB RAMPS SHALL COMPLY WITH LATEST ACCESSIBILITY STANDARDS.

Prepared by the Village Engineering Division



MANHOLE - 48"-60" DIA.

PROFILE VIEW OF BUILDING LINK



SCALE:
HORIZONTAL 1" = 10'
VERTICAL 1" = 2'

EXHIBIT NO.109
MATERIALS LIST

Date of revision: 9/23/19

Water Distribution Material Specifications:	
Water main pipe	Ductile Iron Pipe. Pipe class thickness—AWWA C150, minimum thickness, Class 52. Pipe—AWWA C151. Pipe lining—AWWA C104. Fittings—AWWA C153. Joints—mechanical and push-on, AWWA C111. Wrap—4 mil. X-Lam conforming to AWWA C105.A21.5 and AWWA C600. No 90-degree bends allowed. All stainless steel trim.
Valves	American Flow Control, Series 2500 resilient wedge gate valve, all sizes two inch to fourteen inch, counterclockwise to open, AWWA C500, AWWA C504. Clow AWWA C-504 Butterfly Valve for sixteen inch and above. Joint end—mechanical, AWWA C111. All stainless steel trim.
Valve Vault	All structures shall be monolithically precast with designed openings or mechanically cored in the field and shall have rubber boots conforming to ASTM C-923. Doghouse vaults are excluded from these requirements when permitted by Village Engineer. Size: For six and eight inch diameter valves, valve vaults shall have a forty-eight inch inside diameter; for pressure connections and valves ten inches and larger in diameter, valve vaults shall have a sixty inch inside diameter. All valve vault cones must be eccentric centers with valve properly aligned.
Castings	Neenah No. R-1772, embossed per Exhibit No. 401.
Fire Hydrant	Waterous Pacer Model WB67-250, AWWA C502, painted fire engine red above ground, with resilient wedge auxiliary gate valve. Nozzles, two at two and one half inch, one at four and one half inch, with threads conforming to National Standard Specifications. Frangible section (breakaway type) with the break line flange located one inch above finished grade. Joint end, six inch, mechanical or push-on. Stainless steel trim below ground. Auxiliary boxes and hydrants shall be a direct flange-to-flange connection.
Fire hydrant extension	Fire hydrant extensions and parts to be manufactured by Waterous only. All stainless steel trim.
Hydrant Valve Box \ Valve boxes	Hydrant Valve Box Tyler 664-S. Lid embossed "WATER." Rubber valve box stabilizer required.
Service Pipe	Copper tube, two inches and smaller, ASTM B88, Type K (1" minimum). Ductile iron, larger than two inches. Conform to Water main section above. Service upgrade for existing water main requires a stainless-steel tap repair clamp. Ford model FS1-CC, minimum length 15" long.
Corporation Stop	Mueller H15000, 1" minimum, AWWA C800, 1" Direct tap or 1 1/4" and larger shall use Ford FC202 stainless steel band, epoxy coated saddle.
Curb Stop	Copper service, Mueller H-15154. Ductile iron service, Resilient wedge counterclockwise to open, AWWA C500, Joint end—mechanical, AWWA C111.
Curb box	Copper service, Mueller H-10302. Ductile iron service, conform to Hydrant Valve Box section above. Ductile iron service, 6" and larger, conform to Valve Vault section above.
Copper to Copper Fittings	Mueller Company Model #H-15400. An all-flared coupling is required, no sweat joint or compression allowed.
Pressure Connections	Ford FTSS style tapping sleeve, American Flow Control Series 2500 tapping valve four inch minimum. All stainless steel trim.

Sanitary Sewer Material Specifications:	
Sewer and Service Connection Pipe	Reinforced concrete pipe—circular reinforcement, minimum Class 3, ASTM C76, with epoxy lining. PVC solid wall (SDR-26H) pipe—ASTM D-3034 for six to fifteen inches in diameter.
Sewer and Service Connection Pipe Joints	Reinforced concrete pipe—ASTM C443, PVC solid wall (SDR-26H) pipe—ASTM D-3212 for six to eighteen inches in diameter.
Sewer and Service Connection Pipe Fittings	PVC solid wall (SDR-26H) pipe—ASTM D3034 for six to fifteen inches in diameter.
Casing Pipes	Steel pipe—ASTM A120, three-eighths inch minimum thickness.
Manholes	Size: For sewer eighteen-inch diameter or less, manhole shall have a forty-eight inch inside diameter. For sewer twenty-one inch to thirty-six inch diameter, manhole shall have a sixty inch inside diameter. For sewer greater than thirty-six inch diameter, manhole shall have an offset riser pipe of forty-eight inch inside diameter. All structures shall be monolithically precast including bases and invert flow lines.
Castings	Neenah No. R-1772, with self-sealing lid and recessed pick hole, embossed per Exhibit No. 301.

Storm Sewer System Material Specifications:	
Structures	All structures shall be precast with designed openings or mechanically cored in the field.
Castings	Closed Lid, Type 1—Neenah No. R-1772, embossed per Exhibit No. 201, Open Lid, Type 1—Neenah No. R-1772, Standard B4.12 or any other barrier curb, Type 11—Neenah No. R-3170 (open curb box) Box height must be 6" minimum with 5" tapers to match curb height. Depressed barrier curb, Type 10—Neenah No. R-3205. Yard inlet - Neenah R-2579, convex grate.
Sewer Pipe Joints	Reinforced concrete pipe—ASTM C443 or C361. PVC solid wall (SDR-26H) pipe—ASTM D-3212 for six to eighteen inches in diameter.
Sump pump service connection pipes/surface drain pipe	4" PVC solid wall sewer pipe SDR-35. Blind connections must be cored in storm sewer and pipe connection shall be made with a rubber boot and stainless-steel band. Sump pump per Exhibit No. 202 and underdrain per Exhibit No. 203.

Material Specifications For All Utilities:	
Bedding	CA-11, Class B or better. All stone shall be crushed; rounded aggregate will not be permitted. The stone shall be compacted to 90% modified proctor density as required by ASTM D1557 or AASHTO T-180. Recycled materials permitted from IDOT approved sources meeting the correct gradations.
Trench Backfill	CA-11, Class B or better. This item shall meet the requirements of Class B CA-11, per the IDOT Standard Specifications for Road and Bridge Construction. All stone shall be crushed; rounded aggregate will not be permitted. The stone shall be compacted to 90% modified proctor density as required by ASTM D1557 or AASHTO T-180. Jetting of trenches is not permitted. Recycled materials permitted from IDOT approved sources meeting the correct gradations.
Adjustments	No more than two precast concrete adjusting rings with six-inch maximum height adjustment shall be allowed, minimum one 2" ring installed on new structures. Only one HDPE ring with a max of 2" may be used within the precast tolerances. Only precast concrete or HDPE adjustment rings permitted. 1/2" x 3.5" mastic to be used between all frames, rings, and structures. Mortar around rings, but none between.

Miscellaneous Material Specifications:	
Detectable Warnings	Quick connect plates or bolted plates by Neenah Enterprises, Inc. Color shall be brick red.
Concrete	In accordance with IDOT Standard Specifications for Road and Bridge Construction
Asphalt	In accordance with IDOT Standard Specifications for Road and Bridge Construction and Chapter 16.50.070 of the Village of Buffalo Grove Municipal Code

* The Village Engineer shall have the authority to approve the use of alternative materials than those specifically required by Exhibit 109 in the manner provided for in this Title. The Village Engineer may approve alternative materials that are not specifically required by this title when:

1. The materials or their components required by this title are no longer manufactured and available for purchase; and
2. The alternative materials are generally consistent with requirements of this title, including but not limited to those standards relating to production, composition, safety, and aesthetics.

Testing Specifications:
(In addition to the requirements of IDOT's Standard Specifications for Road and Bridge Construction or the Standard Specifications for Water and Sewer Construction in Illinois)

Storm Sewer	Cleaning and televising, with reporting, as directed by the Village Engineer
Sanitary Sewer	Cleaning and televising, with reporting, as directed by the Village Engineer

Aptakisis JH
Additions and
Renovations

1231 Weiland Rd
Buffalo Grove, Illinois 60089

Aptakisis-Tripp CCSD
102
1351 Abbott Court
Buffalo Grove, Illinois 60089

Wold

**WOLD ARCHITECTS
AND ENGINEERS**
220 North Smith Street, Suite 310
Palatine, Illinois 60067

woldac.com | 847.241.6100

**ERIKSSON
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ASSOCIATES, LTD.**

145 COMMERCE DRIVE, SUITE A
GRAYBLAKE, ILLINOIS 60030
PHONE (847) 223-4804
FAX (847) 223-4864
EMAIL: INFO@EEA-LTD.COM

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed
ENGINEER
under the laws of the State of **ILLINOIS**

KEVIN CAMINO		
License Number: 062-051739	Date: 03/06/2024	
Revisions		
Description	Date	Num
Planning and Zoning	10/23/2023	
50% Construction Drawings	11/17/2023	
90% Construction Drawings	12/11/2023	
Issue For Bid	01/08/2024	
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Issued For Construction	02/07/2024	4
Village Resubmittal	02/09/2024	5
PR #1	03/08/2024	6
Village Resubmittal / PR #3	03/08/2024	7

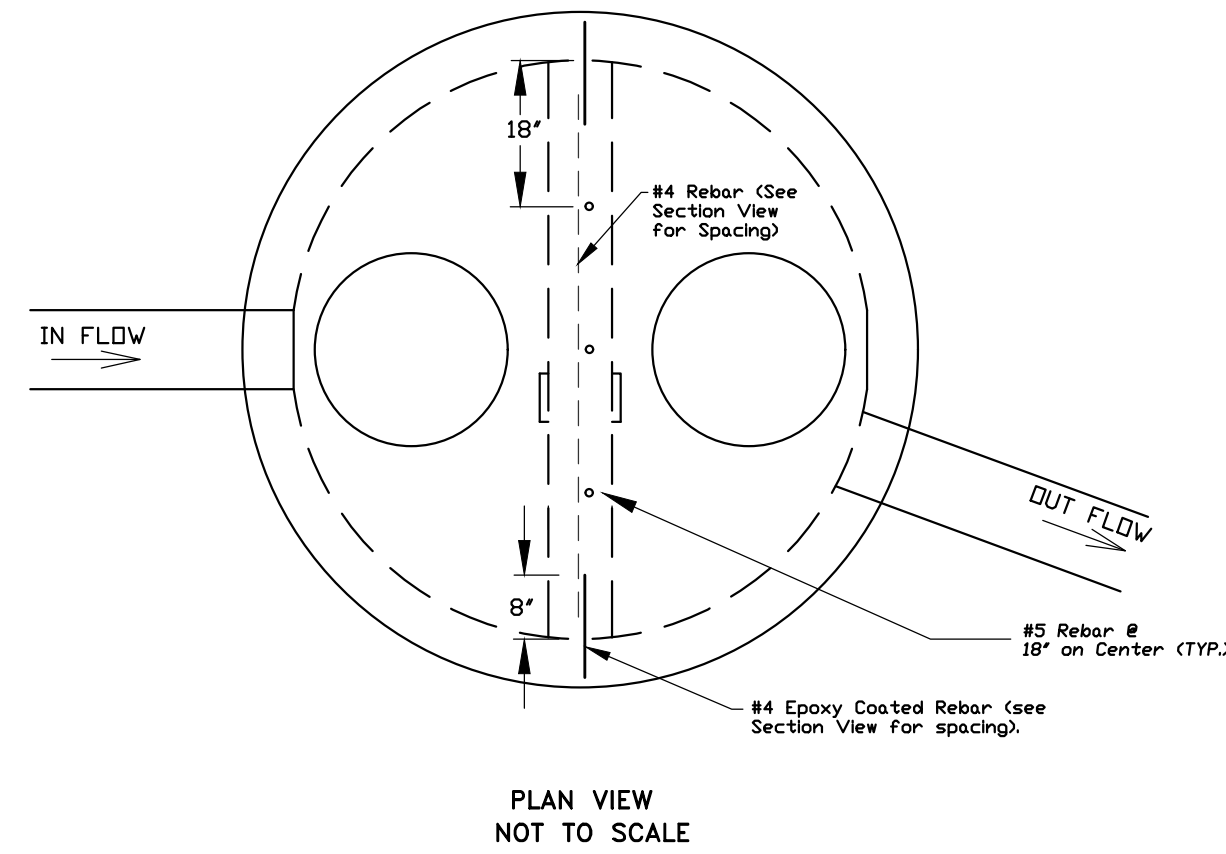
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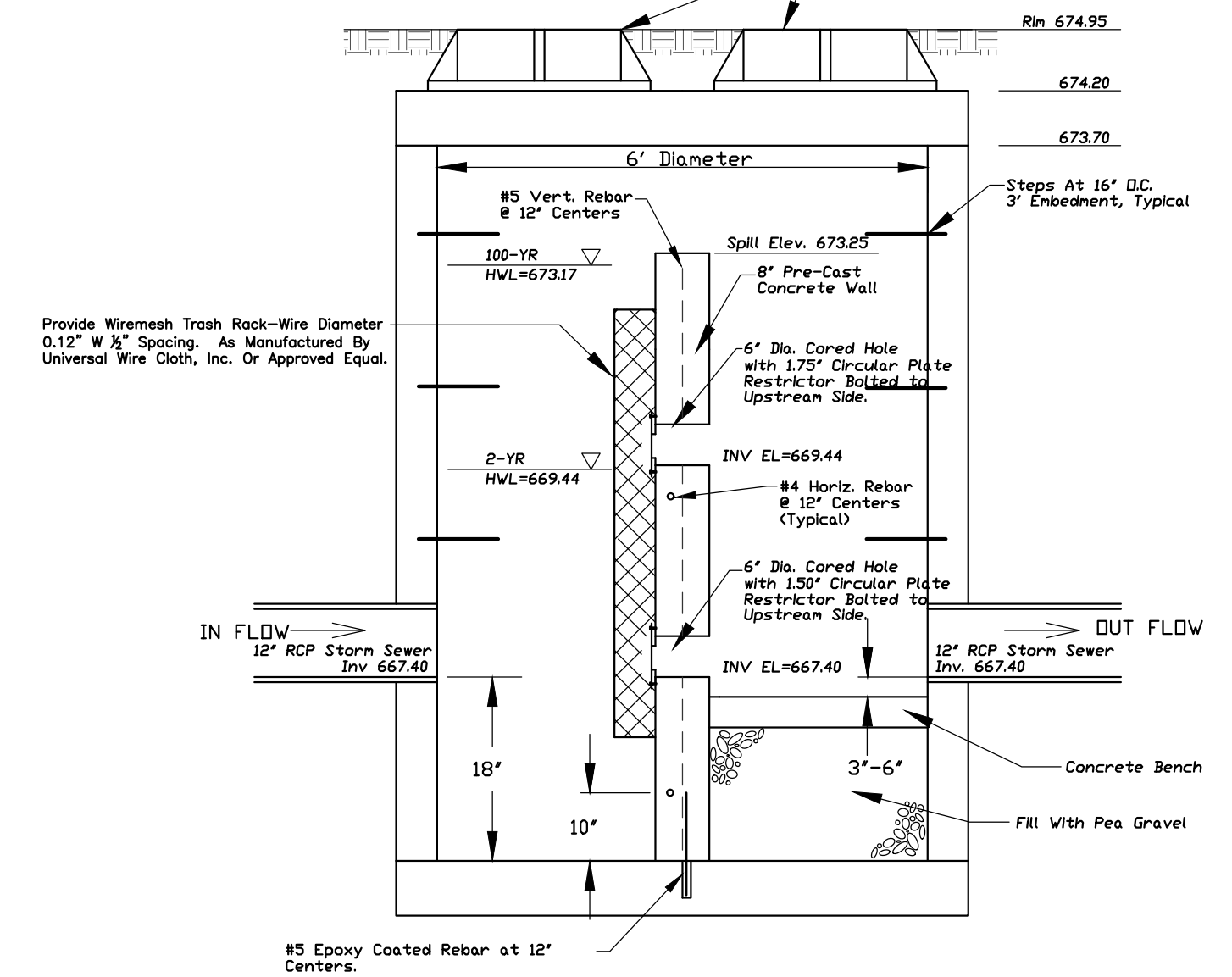
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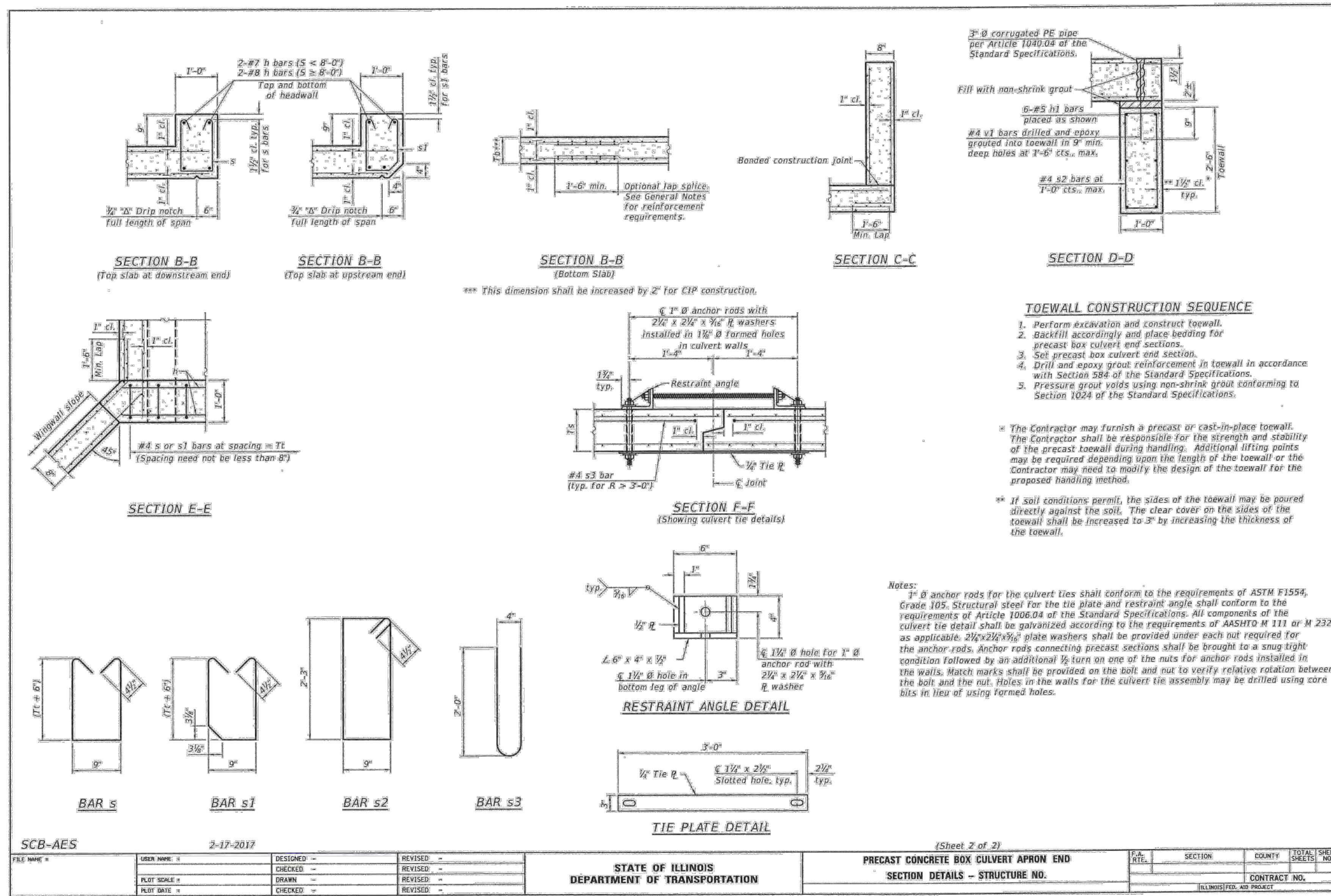
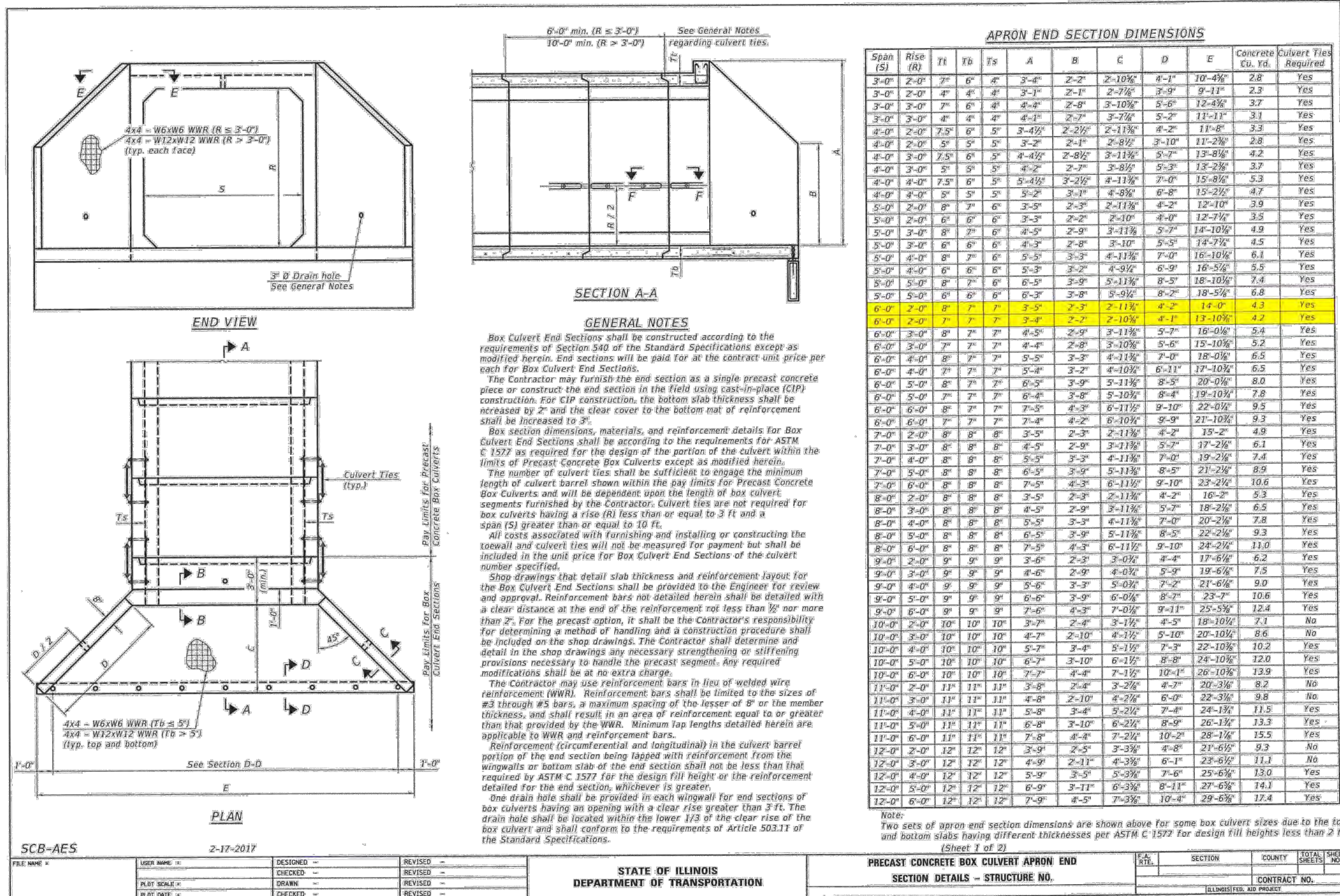
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PLAN VIEW
NOT TO SCALE



6" OUTLET CONTROL STRUCTURE





Resolution : Revised 2024 Pay Ranges

Summary

Staff Recommends Approval.

Recommended Motion

SUMMARY: Attached are the proposed updated 2024 pay ranges. The document which became effective on January 1, 2024 has been modified to reflect a change in pay grade 42 to include the proposed new position of Assistant Village Manager.

ATTACHMENTS:

1. 2024 AVM BOT Memo 3.13.24
2. 2024 Revised Pay Ranges Resolution 3.18.24
3. Copy of 2024 Draft Pay Ranges rev. 3.13.24

Trustee Liason

Trustee Ottenheimer

Staff Contact

Kathryn Golbach, HR Manager



MEMORANDUM

DATE: March 18, 2024

TO: Dane Bragg, Village Manager

FROM: Kathryn Golbach, Human Resources Director

RE: Update to 2024 Pay Ranges

Recommendation

Staff recommends approval of the updated 2024 pay ranges to include the position of Assistant Village Manager

Background

Staff is proposing the creation of an Assistant Village Manager position. This role will play a key part in supporting a wide range of initiatives for the Administrative Services Department and the Office of the Village Manager, and will serve as a versatile resource to the overall success of the Village.

Action Required

Staff seeks board action to approve the updated 2024 pay ranges to add the position of Assistant Village Manager

RESOLUTION NO. 2024-_____

**A RESOLUTION APPROVING THE REVISED 2024 PAY RANGES
FOR VILLAGE OF BUFFALO GROVE EMPLOYEES**

WHEREAS, on December 5, 2023, the Village President and Board of Trustees adopted the Village of Buffalo Grove's fiscal year 2024 budget, and;

WHEREAS, on December 5, 2023, the Village President and Board of Trustees approved the 2024 pay ranges, and;

WHEREAS, the 2024 pay ranges have been revised so that they are more accurately aligned with both the internal and external labor market and;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS as follows:

1. The Village of Buffalo Grove does hereby approve the revised 2024 Pay Ranges for Village of Buffalo Grove Employees (attached).
2. The revised 2024 Pay Ranges will become effective upon approval, unless noted otherwise within the attached Pay Range document or applicable collective bargaining agreement.

AYES: _____

NAYES: _____

ABSENT: _____

PASSED: _____ . APPROVED: _____

ATTEST:

APPROVED:

Village Clerk

Village President

Village of Buffalo Grove
2024 Pay Ranges
with a general wage increase of three percent (3%) awarded on January 1, 2024

Position	New Min	Step	New Max	Step
Pay Grade 74	\$148,364.32	433	\$221,112.32	513
Deputy Village Manager				
Pay Grade 70	\$139,744.80	421	\$208,268.32	501
Director of Finance				
Police Chief				
Fire Chief				
Director of Public Works				
Director of Community Development				
Pay Grade 66	\$119,726.88	390	\$179,325.12	471
Deputy Fire Chief				
Director of Human Resources				
Deputy Police Chief				
Deputy Public Works Director/Village Engineer				
Pay Grade 62	\$111,096.96	375	\$165,570.08	455
Communications Director				
Battalion Chief				
Deputy Director of Finance				
Administrative Services Director				
Deputy Public Works Director				
Deputy Community Development Director				
Police Commander				
Pay Grade 58	\$105,691.04	365	\$157,514.24	445
Police Lieutenant				
Building Services Manager				
Head Golf Professional BG & Arbo				
Public Works Superintendent				
Assistant Village Engineer				
Pay Grade 56	\$98,072.00	350	\$146,161.60	430
Police Sergeant				
Pay Grade 54	\$91,457.60	336	\$136,302.40	416
Civil Engineer II		\$113,880.00		
Principal Planner				
EMS Educator				
Pay Grade 50	\$127,745.28	403	\$141,851.84	424
Fire Lieutenant/ Paramedic				

(May 1, 2023 - April 30, 2024)				
Pay Grade 46	\$125,222.24	399	\$139,050.08	420
Fire Lieutenant/ Non-Paramedic				
(May 1, 2023 - April 30, 2024)				
Pay Grade 42	\$84,443.84	320	\$125,848.32	400
Public Works Manager				
Purchasing Manager				
Civil Engineer I				
Assistant to the Village Manager				
Assistant Village Manager				
Administrative Support Manager				
Human Resources Manager				
Pay Grade 34	\$78,748.80	306	\$117,361.92	386
Plan Reviewer				
Crew Leader				
Technical Services Administrator				
Pay Grade 29	\$74,172.80	294	\$120,927.04	392
Firefighter/Paramedic				
(May 1, 2023 - April 30, 2024)				
Pay Grade 25	\$81,140.80	312	\$119,726.88	390
Patrol Officer				
(January 1 , 2023 - December 31, 2023)				
Pay Grade 21	\$73,072.48	291	\$108,902.56	371
Building Inspector				
Health Inspector				
Electrical & Mechanical Inspector				
Fire Inspector				
EMA Coordinator				
Deputy Fire Marshal				
Plumbing Inspector				
Administrative Services Manager				
Property Maintenance Inspector				
Mechanic II				
Accountant				
Associate Planner				
Human Resources Generalist				
Deputy Village Clerk				
Engineering Technician				
Management Analyst				
Head Golf Professional				
Maintenance Worker II				
Buyer				

Social Worker				
Pay Grade 17	\$62,603.84	260	\$93,300.48	340
Public Education Officer-Fire				
Permit Coordinator				
Maintenance Worker I				
Pay Grade 13	\$54,716.48	233	\$80,335.84	310
Administrative Assistant				
Utility Billing Coordinator				
Accounts Payable Coordinator				
Payroll Coordinator				
Assistant Golf Professional				
Evidence Custodian				
Communications Coordinator				
Pay Grade 9	\$50,267.36	216	\$74,915.36	296
Community Service Officer				
Desk Officer				
Clerk				
Pay Grade 5	\$28,897.44	105	\$43,066.40	185
Fleet Maintenance Shop Assistant				
Engineering Aide				
Pay Grade 1	\$27,907.36	98	\$38,592.32	163
School Crossing Guard				
Laborer				
Golf Course Attendant				



**Ordinance with Purchase : Ordinance Authorizing an
Engineering Services Agreement with Chastain &
Associates LLC**

Summary

Staff recommends approval of the Chastain & Associates LLC time & material contract for development inspection services for an initial limit not to exceed \$50,000.

Recommended Motion

SUMMARY: Staff recommends approval of the Chastain & Associates LLC time & material contract for development inspection services for an initial limit not to exceed \$50,000.

ATTACHMENTS:

1. Chastain Memo
2. Chastain Ordinance
3. VBG PSA for Development Inspection Services 20240312

Trustee Liason

Trustee Stein

Staff Contact

Kyle Johnson, Village Engineer



MEMORANDUM

DATE: March 12, 2024
TO: Dane Bragg, Village Manager
FROM: Kyle Johnson, Deputy Public Works Director/Village Engineer
SUBJECT: Development Inspection Services

Staff Recommendation

Staff recommends approval of the time and material contract for Chastain & Associates LLC at an initial amount not to exceed \$50,000.00, subject to review and approval by Village Attorney.

Overview

Staff choose Chastain & Associates LLC for these services based upon their positive response to the 2022 Engineering Request for Qualifications (RFQ) and their high level of industry knowledge in this field. The coordinating project manager that will work with staff on the inspections is a former Public Works Director, Community Development Director and Village Administrator, which allows for a full understanding of development objectives.

An initial purchase order value will be established at not to exceed \$50,000.00 from 100.60.580.10 – Engineering All Other Expense Consultant Fees. These costs were budgeted within the Engineering Section as the expected swell of Development Reviews would lead to increased construction in early 2024. The fifteen active developments the Village expects to have this spring are more than double our past activity, requiring additional short-term support. Village staff will continue to serve as the forward-facing partner in working with developers while also reviewing the code interpretations provided by Chastain & Associates LLC.

Due to the varying level of development inspection demand as well as a varying level of engineer detail within each development, this purchase order may need to be extended beyond \$50,000.00 to continue to help facilitate development control in a timely manner. Each development will have an initial fee estimate communicated by Chastain & Associates LLC to help control these costs and communicate with the Village Board about the potential need for additional funding.

AN ORDINANCE AUTHORIZING AN ENGINEERING SERVICES AGREEMENT WITH CHASTAIN & ASSOCIATES LLC

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village seeks to enter into an Engineering Services Agreement with Chastain & Associates LLC for development inspection services,

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Village Manager is authorized to enter into an Engineering Services Agreement with Chastain & Associates LLC for development inspection services at an initial price not to exceed \$50,000.00, subject to review by the Village Attorney.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and shall not be codified.

AYES: _____

NAYES: _____

ABSENT: _____

PASSED: _____, 2024

APPROVED: _____, 2024

APPROVED:

Eric N. Smith, Village President

ATTEST:

Janet Sirabian, Village Clerk

VILLAGE OF BUFFALO GROVE
PROFESSIONAL SERVICES AGREEMENT
ENGINEERING SERVICES

THIS AGREEMENT is dated as of the ____ day of _____ 2024 ("**Agreement**") and is by and between the **VILLAGE OF BUFFALO GROVE**, an Illinois home rule municipal corporation ("**Village**") and the Firm ("**Firm**") identified in Subsection A below.

IN CONSIDERATION OF the recitals and the mutual covenants and agreements set forth in this Agreement, and pursuant to the Village's statutory and home rule powers, the parties agree as follows:

SECTION 1. FIRM.

A. **Engagement of Firm.** The Village desires to engage the Firm Identified below to provide all necessary professional engineering services and to perform the work in connection with the project identified below:

Chastain and Associates, Inc.
5 N Country Club Road
Decatur, IL 62521

B. **Project Description.** The Firm shall provide Engineering Services for the Village of Buffalo Grove as detailed in the attached Scope of Service Exhibit A.

C. **Representations of Firm.** The Firm has submitted to the Village a description of the services to be provided by the Firm, a copy of which is attached as Exhibit A to this Agreement ("Services"). The Firm represents that it is financially solvent, has the necessary financial resources, and is sufficiently experienced and competent to perform and complete the professional services set forth in Exhibit A.

SECTION 2. SCOPE OF SERVICES.

A. **Retention of the Firm.** The Village retains the Firm to perform, and the Firm agrees to perform, the Services.

B. **Services.** The Firm shall provide the Services pursuant to the terms and conditions of this Agreement.

C. **Commencement.** Time of Performance. The Firm shall commence the Services immediately upon receipt of written notice from the Village that this Agreement has been fully executed by the Parties (the "Commencement Date"). The Firm shall diligently and continuously prosecute the Services until the completion of the Work.

D. **Reporting.** The Firm shall regularly report to the Village Manager ("Manager"), or his/her designee, regarding the progress of the Services during the term of this Agreement.

SECTION 3. COMPENSATION AND METHOD OF PAYMENT.

A. **Agreement Amount.** The total amount billed for the Services during the term of this Agreement shall not exceed the amount identified in the Schedule of Prices section in Exhibit B, unless amended pursuant to Subsection 8A of this Agreement. The total value of this contract shall not exceed \$50,000 without prior written agreement from the Village.

B. **Invoices and Payment.** The Firm shall submit invoices to the Village for all Services and subcontractor services monthly. The Invoices shall be in a Village approved and itemized format for those portions of the Services performed and completed by the Firm. The amount billed in any such invoice shall be based on the method of payment set forth in Exhibit B. The Village shall pay to the Firm the amount billed pursuant to the Illinois Local Government Prompt Payment Act (50 ILCS 505/1 et seq.)

C. **Records.** The Firm shall maintain records showing actual time devoted and costs incurred, and shall permit the authorized representative of the Village to inspect and audit all data and records of the Firm for work done under the Agreement. The records shall be made available to the Village at reasonable times during the Agreement period, and for three years after the termination of the Agreement.

D. **Claim In Addition To Agreement Amount.** if the Firm wishes to make a claim for additional compensation as a result of action taken by the Village, the Firm shall provide written notice to the Village of such claim within 7 calendar days after occurrence of such action as provided by Subsection 8.D. of this Agreement, and no claim for additional compensation shall be valid unless made in accordance with this Subsection. Any changes in this Agreement Amount shall be valid only upon written amendment pursuant to Subsection 8.A. of this Agreement. Regardless of the decision of the Village relative to a claim submitted by the Firm, the Firm shall proceed with all of the Services required to complete the project under this Agreement as determined by the Village without interruption.

E. **Taxes, Benefits and Royalties.** The Agreement Amount includes all applicable federal, state, and local taxes of every kind and nature applicable to the Services as well as all taxes, contributions, and premiums for unemployment insurance, old age or retirement benefits, pensions, annuities, or similar benefits and all costs, royalties and fees arising from the use on, or the incorporation into, the Services, of

patented or copyrighted equipment, materials, supplies, tools, appliances, devices, processes, or inventions. All claim or right to claim additional compensation by reason of the payment of any such tax, contribution, premium, costs, royalties, or fees is hereby waived and released by Firm.

F. Escalation

Written requests for price revisions after the first year period shall be submitted at least sixty (60) calendar days in advance of the annual agreement period or Term. Requests must be based upon and include documentation of the actual change in the cost of the components involved in the contract and shall not include overhead, or profit. In any case the price revisions for any Term shall not exceed the most recent 12 month Consumers Price Index (CPI-All Urban Consumers, Chicago) or 2% whichever is less.

The Village reserves the right to reject a proposed price increase and terminate the Agreement.

For any year beyond the initial year, this Agreement is contingent upon the appropriation of sufficient funds by the Village Board; no charges shall be assessed for failure of the Village to appropriate funds in future contract years.

SECTION 4. PERSONNEL. SUBCONTRACTORS.

A. Key Project Personnel. The Key Project Personnel identified in Exhibit A shall be primarily responsible for carrying out the Services on behalf of the Firm. The Key Project Personnel shall not be changed without the Village's prior written approval, which shall not be unreasonably withheld.

B. Availability of Personnel. The Firm shall provide all personnel necessary to complete the Services including, without limitation, any Key Project Personnel identified in this Agreement. The Firm shall notify the Village as soon as practicable prior to terminating the employment of, reassigning, or receiving notice of the resignation of, any Key Project Personnel. The Firm shall have no claim for damages and shall not bill the Village for additional time and materials charges as the result of any portion of the Services which must be duplicated or redone due to such termination or for any delay or extension of the Time of Performance as a result of any such termination, reassigning, or resignation.

C. Approval and Use of Subcontractors. The Firm shall perform the Services with its own personnel and under the management, supervision, and control of its own organization unless otherwise approved by the Village Manager in writing. All subcontractors and subcontracts used by the Firm shall be acceptable to, and approved in advance by, the Village Manager. The Village Manager's approval of any subcontractor or subcontract shall not relieve the Firm of full responsibility and liability for the provision, performance, and completion of the Services as required by the Agreement. All Services performed under any subcontract shall be subject to all of the provisions of this Agreement in the same manner as if

performed by employees of the Firm. For purposes of this Agreement, the term "Firm" shall be deemed also to refer to all subcontractors of the Firm, and every subcontract shall include a provision binding the subcontractor to all provisions of this Agreement.

D. Removal of Personnel and Subcontractors. If any personnel or subcontractor fails to perform the Services in a manner satisfactory to the Village, the Firm shall immediately upon notice from the Village Manager remove and replace such personnel or subcontractor. The Firm shall have no claim for damages, for compensation in excess of the amount contained in this Agreement for a delay or extension of the Time of Performance as a result of any such removal or replacement. The Firm shall employ competent staff and shall discharge, at the request of the Village Manager, any incompetent, unfaithful, abusive or disorderly staff or subcontractor in its employ.

SECTION 5. CONFIDENTIAL INFORMATION.

A. Confidential Information. The term "Confidential Information" shall mean information in the possession or under the control of the Village relating to the technical, business or corporate affairs of the Village; Village property; user information, including, without limitation, any information pertaining to usage of the Village's computer system, including and without limitation, any information obtained from server logs or other records of electronic or machine readable form; and the existence of, and terms and conditions of, this Agreement. Village Confidential Information shall not include information that can be demonstrated: (i) to have been rightfully in the possession of the Firm from a source other than the Village prior to the time of disclosure of said information to the Firm under this Agreement ("Time of Disclosure"); (ii) to have been in the public domain prior to the Time of Disclosure; (iii) to have become part of the public domain after the Time of Disclosure by a publication or by any other means except an unauthorized act or omission or breach of this Agreement on the part of the Firm or the Village; or (iv) to have been supplied to the Firm after the Time of Disclosure without restriction by a third party who is under no obligation to the Village to maintain such information in confidence.

B. No Disclosure of Confidential Information by the Firm. The Firm acknowledges that it shall, in performing the Services for the Village under this Agreement, have access to or be directly or indirectly exposed to Confidential Information. The Firm shall hold confidential all Confidential Information and shall not disclose or use such Confidential Information without express prior written consent of the Village Manager. The Firm shall use reasonable measures at least as strict as those the Firm uses to protect its own confidential information. Such measures shall include, without limitation, requiring employees and subcontractors of the Firm to execute a non-disclosure agreement before obtaining access to Confidential Information.

SECTION 6. WARRANTY AND INSURANCE

A. **Warranty of Services.** The Firm warrants that the Services shall be performed in accordance with the highest standards of professional practice, care, and diligence practiced by recognized firms in performing services of a similar nature in existence at the Time of Performance, the warranty expressed shall be in addition to any other warranties expressed in this Agreement, or expressed or implied by law, which are hereby reserved unto the Village.

B. **Insurance.** Firm shall maintain throughout the term of this Agreement insurance, evidencing at least the minimum insurance coverages and limits as set forth in Exhibit C to this Agreement.

C. **No Personal Liability.** No elected or appointed official, agent, or employee of the Village shall be personally liable, in law or in contract, to the Firm as the result of the execution of this Agreement.

D. **Indemnity/Hold Harmless Provision** To the fullest extent permitted by law, the Firm hereby agrees to, indemnify and hold harmless the Village, its officials, agents and employees against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in anywise accrue against the Village, its officials, agents and employees to the extent arising in whole out of the negligent performance of this work by the Firm, its employees, or subcontractors, or which may in anywise result therefore, except that arising out of the sole legal cause of the Village, its agents or employees,. Firm expressly understands and agrees that any performance bond or insurance policies required by this contract, or otherwise provided by the Firm, shall in no way limit the responsibility to indemnify, keep and save harmless and the Village, its officials, agents and employees as herein provided.

E. **Kotecki Waiver.** In addition to the requirements set forth above, the Firm (and any subcontractor into whose subcontract this clause is incorporated) agrees to assume the entire liability for all personal injury claims suffered by its own employees and waives any limitation of liability defense based upon the Worker's Compensation Act and cases decided there under. Firm agrees to indemnify and defend the Village from and against all such loss, expense, damage or injury, including reasonable attorneys' fees, which the Village may sustain as a result of personal injury claims by Firm's employees, except to the extent those claims arise as a result of the Village's own negligence.

SECTION 7. CONSULTANT AGREEMENT GENERAL PROVISIONS

A. **Relationship of the Parties.** The Firm shall act as an independent contractor in providing and performing the Services. Nothing in, nor done pursuant to, this Agreement shall be construed (i) to create the relationship of principal and agent, employer and employee, partners, or joint ventures between the Village and Firm; or (ii) to create any relationship between the Village and any subcontractor of the Firm.

B. **Conflict of Interest.** The Firm represents and shall at all times abide by professional ethical requirements and other applicable law regarding conflicts of interest.

C. **No Collusion.** The Firm represents and certifies that the Firm is not barred from contracting with a unit of state or local government as a result of (i) a delinquency in the payment of any tax administered by the Illinois Department of Revenue unless the Firm is contesting, in accordance with the procedures established by the appropriate revenue act, its liability for the tax or the amount of the tax, as set forth in Section 42.1-1 et seq. of the Illinois Municipal Code, 65 ILCS 5/11-42.1-1 et seq.; or (ii) a violation of either Section 33E-3 or Section 33E-4 of Article 33E of the Criminal Code of 1961, 720 ILCS 5/33E-1 et seq. The Firm represents that the only persons, firms, or corporations interested in this Agreement as principals are those disclosed to the Village prior to the execution of this Agreement, and that this Agreement is made without collusion with any other person, firm, or corporation. If at any time it shall be found that the Firm has, in procuring this Agreement, colluded with any other person, firm, or corporation, then the Firm shall be liable to the Village for all loss or damage that the Village may suffer, and this Agreement shall, at the Village's option, be null and void.

D. **Sexual Harassment Policy.** The Firm certifies that it has a written sexual harassment policy in full compliance with Section 2-10S(A)(4) of the Illinois Human Rights Act, 775 ILCS 512-10S(A)(4).

E. **Termination.** Notwithstanding any other provision hereof, the Village Manager may terminate this Agreement, without cause, at any time upon 15 calendar days prior written notice to the Firm. In the event that this Agreement is so terminated, the Firm shall be paid for Services actually performed and reimbursable expenses actually incurred, if any, prior to termination, not exceeding the value of the Services completed as determined as provided in Exhibit B.

F. **Term.** The Time of Performance of this Agreement, unless terminated pursuant to the terms of this Agreement, shall be for 12 months. The Agreement may be renewed upon mutual agreement by both parties for additional 12 month periods. At the end of any term the Village of Buffalo Grove reserves the right to extend this agreement for a period of up to ninety (90) calendar days for the purpose of securing a new agreement.

G. **Compliance with Laws and Grants.** Firm shall give all notices, pay all fees, and take all other action that may be necessary to ensure that the Services are provided, performed, and completed in accordance with all required governmental permits, licenses, or other approvals and authorizations that may be required in connection with providing, performing, and completing the Services, and with all applicable statutes, ordinances, rules, and regulations, including without limitation the Fair Labor Standards Act; any statutes regarding qualification to do business; any statutes prohibiting discrimination because of, or requiring affirmative action based on, race, creed, color, national origin, age, sex, or other prohibited classification, including, without limitation, the Americans with Disabilities Act of 1990, 42 U.S.C. §§ 12101 et seq., and the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq. Firm shall also comply with all conditions of any federal, state, or local grant received by Owner or Firm with respect to this Agreement or the Services.

Firm shall be solely liable for any fines or civil penalties that are imposed by any governmental or quasi- governmental agency or body that may arise, or be alleged to have arisen, out of or in connection with Firm's, or its subcontractors', performance of, or failure to perform, the Services or any part thereof.

Every provision of law required by law to be inserted into this Agreement shall be deemed to be inserted herein.

H. **Default.** If the Firm has failed or refused to prosecute, or has delayed in the prosecution of, the Services with diligence at a rate that assures completion of the Services in full compliance with the requirements of this Agreement, or has otherwise failed, refused, or delayed to perform or satisfy the Services or any other requirement of this Agreement ("Event of Default"), and fails to cure any such Event of Default within fourteen (14) calendar days after the Firm's receipt of written notice of such Event of Default from the Village, then the Village shall have the right, without prejudice to any other remedies provided by law or equity, to pursue any one or more of the following remedies:

1. **Cure by Firm.** The Village may require the Firm, within a reasonable time, to complete or correct all or any part of the Services that are the subject of the Event of Default; and to take any or all other action necessary to bring the Firm and the Services into compliance with this Agreement.

2. **Termination of Agreement by Village.** The Village may terminate this Agreement without liability for further payment of amounts due or to become due under this Agreement.

3. **Withholding of Payment by Village.** The Village may withhold from any payment, whether or not previously approved, or may recover from the Firm, any and all costs, including attorneys' fees and administrative expenses, incurred by the Village as the result of any Event

of Default by the Firm or as a result of actions taken by the Village in response to any Event of Default by the Firm.

I. **No Additional Obligation.** The Parties acknowledge and agree that the Village is under no obligation under this Agreement or otherwise to negotiate or enter into any other or additional contracts or agreements with the Firm or with any vendor solicited or recommended by the Firm.

J. **Village Manager Authority.** Notwithstanding any provision of this Agreement, any negotiations or agreements with, or representations by the Firm to vendors shall be subject to the approval of the Village Manager. The Village shall not be liable to any vendor or other third party for any agreements made by the Firm, purportedly on behalf of the Village, without the knowledge of and express approval by the Village Manager.

K. **Mutual Cooperation.** The Village agrees to cooperate with the Firm in the performance of the Services, including meeting with the Firm and providing the Firm with such confidential and non-confidential information that the Village may have that may be relevant and helpful to the Firm's performance of the Services. The Firm agrees to cooperate with the Village in the performance of the Services to complete the Work and with any other Firms engaged by the Village.

L. **News Releases.** The Firm shall not issue any news releases or other public statements regarding the Services without prior approval from the Village Manager. Nothing Herein shall limit the Firm's right to identify the Village as a client of the Firm or from disclosing matters arising from the relationship between the Village and the Firm that are subject to disclosure under the Illinois Freedom of Information Act, (5 ILCS 140, et seq)

M. **Ownership.** Designs, drawings, plans, specifications, photos, reports, information, observations, records, opinions, communications, digital files, calculations, notes, and any other documents, data, or information, in any form, prepared, collected, or received by the Firm in connection with any or all of the Services to be performed under this Agreement ("Documents") shall be and remain the exclusive property of the Village. At the Village's request, or upon termination of this Agreement, the Firm shall cause the Documents to be promptly delivered to the Village, in original format or a suitable facsimile acceptable to the Village.

N. **Favorable Terms** Firm represents that all of the benefits and terms granted by Firm herein are at least as favorable as the benefits and terms granted by Firm to Illinois Home Rule Municipalities

Should Firm enter into any subsequent agreement with any Illinois Home Rule Municipalities, during the term of this Agreement, which provides for benefits or terms more favorable than those contained in this Agreement, including all exhibits to this Agreement, then this Agreement shall be

deemed to be modified to provide the Village with those more favorable benefits and terms.

Firm shall notify the Village, in writing, promptly of the existence of such more favorable benefits and terms and the Village shall have the right to receive the more favorable benefits and terms immediately. If requested in writing by the Village, Firm shall amend this Agreement to contain the more favorable terms and conditions.

SECTION 8. GENERAL PROVISIONS.

A. **Amendment.** No amendment or modification to this Agreement shall be effective unless and until such amendment or modification is in writing, properly approved in accordance with applicable procedures, and executed.

B. **Assignment.** This Agreement may not be assigned by the Village or by the Firm without the prior written consent of the other party.

C. **Binding Effect.** The terms of this Agreement shall bind and inure to the benefit of the Parties hereto and their agents, successors, and assigns.

D. **Notice.** Any notice or communication required or permitted to be given under this Agreement shall be in writing and shall be delivered (i) personally, (ii) by a reputable overnight courier, (iii) by certified mail and deposited in the U.S. Mail, postage prepaid, (iv) by facsimile, or (v) by electronic Internet mail ("e- mail"). Facsimile notices shall be deemed valid only to the extent that they are (a) actually received by the individual to whom addressed and (b) followed by delivery of actual notice in the manner described in either (i), (ii), or (iii) above within three business days thereafter at the appropriate address set forth below. E-mail notices shall be deemed valid and received by the addressee thereof when delivered by e-mail and (a) opened by the recipient on a business day at the address set forth below, and (b) followed by delivery of actual notice in the manner described in either (i), (ii) or (iii) above within three business days thereafter at the appropriate address set forth below. Unless otherwise expressly provided in this Agreement, notices shall be deemed received upon the earlier of (a) actual receipt;(b) one business day after deposit with an overnight courier as evidenced by a receipt of deposit; or(c) three business days following deposit in the U.S. mail. By notice complying with the requirements of this Subsection, each Party shall have the right to change the address or the addressee, or both, for all future notices and communications to such party, but no notice of a change of addressee or address shall be effective until actually received. The provisions of this Section 8 D shall not control with respect to the manner of communications utilized by the Firm in rendering the Services.

Notices and communications to the Village shall be addressed to, and delivered at, the following address:

Village of Buffalo Grove ("Village")
50 Raupp Blvd.
Buffalo Grove, IL 60089
Attn: Dane Bragg
Email: dbragg@vbg.org
cc: kjohnson@vbg.org
cc: tsainis@vbg.com

Notices and communications to the Firm shall be addressed to, and delivered at, the following address:

Chastain and Associates, Inc
120 Center Court
Schaumburg, IL 60195
Attn: Fred Mullard
Phone: 773 714-0050
Email: fmullard@chastainengineers.com
cc: dlawry@chastainengineers.com

E. **Third Party Beneficiary.** No claim as a third party beneficiary under this Agreement by any person, firm, or corporation other than the Firm shall be made or be valid against the Village.

F. **Provisions Severable.** If any term, covenant, condition, or provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remainder of the provisions shall remain in full force and effect and shall in no way be affected, impaired or invalidated.

G. **Time.** Time is of the essence in the performance of this Agreement.

H. **Governing Laws.** This Agreement shall be interpreted according to the internal laws, but not the conflict of laws rules, of the State of Illinois. Venue shall be in Cook County, Illinois

I. **Entire Agreement.** This Agreement constitutes the entire agreement between the parties and supersedes any and all previous or contemporaneous oral or written agreements and negotiations between the Village and the Firm with respect to the Request for Proposal.

J. **Waiver.** No waiver of any provision of this Agreement shall be deemed to or constitute a waiver of any other provision of this Agreement (whether or not similar) nor shall any such waiver be deemed to or constitute a continuing waiver unless otherwise expressly provided in this Agreement.

K. **Exhibit.** Exhibit, A and Exhibit B are attached hereto, and by this reference incorporated in and made a part of this Agreement. In the event of a conflict between the Exhibit and the text of this Agreement, the text of this Agreement shall control.

L. **Rights Cumulative.** Unless expressly provided to the contrary in this Agreement, each and every one of the rights, remedies, and benefits provided by this Agreement shall be cumulative and shall not be exclusive of any other such rights, remedies, and benefits allowed by law.

M. **Calendar Days and Time.** Unless otherwise provided in this Contract, any reference in this Contract to "day" or "days" shall mean calendar days and not business days. If the date for giving of any notice required to be given, or the performance of any obligation, under this Contract falls on a Saturday, Sunday or federal holiday, then the notice or obligation may be given or performed on the next business day after that Saturday, Sunday or federal holiday.

N. **No Waiver of Tort Immunity.** Nothing contained in this Agreement shall constitute a waiver by the Village of any right, privilege or defense available to the Village under statutory or common law, including, but not limited to, the Illinois Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10/1-101 et seq., as amended.

O. **Freedom of Information.** The Firm agrees to furnish all documentation related to the Contract, the Work and any documentation related to the Village required under an Illinois Freedom of Information Act (ILCS 140/1 et. seq.) ("FOIA") request within five (5) calendar days after the Village issues Notice of such request to the Firm. The Firm agrees to defend, indemnify and hold harmless the Village, and agrees to pay all reasonable costs connected therewith (including, but not limited to attorney's and witness fees, filing fees and any other expenses) for the Village to defend any and all causes, actions, causes of action, disputes, prosecutions, or conflicts arising from Firm's actual or alleged violation of FOIA or the Firm's failure to furnish all documentation related to a FOIA request within five (5) calendar days after Notice from the Village for the same. Furthermore, should the Firm request that the Village utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Firm agrees to pay all costs connected therewith (such as attorneys' and witness fees, filing fees and any other expenses) to defend the denial of the request. This defense shall include, but not be limited to, any challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction.

P. **Counterpart Execution.** This Agreement may be executed in several counterparts, each of which, when executed, shall be deemed to be an original, but all of which together shall constitute one and the same instrument.

ACKNOWLEDGEMENT.

The undersigned hereby represent and acknowledge that they have read the foregoing Agreement, that they know its contents, and that in executing this Agreement they have received legal advice regarding the legal rights of the party on whose behalf they are executing this Agreement, and that they are executing this Agreement as a free and voluntary act and on behalf of the named parties.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the dates set forth below.

VILLAGE OF BUFFALO GROVE

By: _____
Dane Bragg, Village Manager

Date: _____

Firm – Chastain and Associates, Inc.

By: _____
Fred Mullard, Municipal Services Director

Date: _____

Exhibit A

"Services"



Chastain and Associates, Inc. is pleased to provide this proposal for professional engineering services relating to the inspection of developments in the Village of Buffalo Grove.

DEVELOPMENT INSPECTION SERVICES

Provide quality assurance that all privately constructed public infrastructure facilities such as roads, sidewalks, water systems, sanitary sewer systems, drainage systems, and regional flood control facilities located within subdivision projects to be turned over to the Village for maintenance are constructed according to approved plans and standards. Work will be scheduled as directed by the Village staff. Daily reports of the inspections performed shall be provided in a format directed by the Village.

Exhibit B
Agreed Upon Pricing Structure



2024 SCHEDULE OF RATES

<u>Classification</u>	<u>Per Hour Rate Net</u>	
	From	To
Engineers		
Project Principal	\$245.00 -	\$261.00
David Lawry, Director of Municipal Services	\$245.00	
Professional V	\$236.00 -	\$245.00
Professional IV	\$190.00 -	\$211.00
Scott Shirley, Municipal Services Manager	\$197.00	
Fred Mullard, Municipal Services Director	\$199.00	
Professional III	\$156.00 -	\$181.00
Stephanie Brown, Project Manager/Urban Planner	\$141.00	
Professional II	\$126.00 -	\$145.00
Professional I	\$93.00 -	\$110.00
Ryan Walsh, Project Engineer	\$93.00	
Surveyors		
Chief of Survey	\$175.00	
Surveyor II	\$122.00	
Surveyor I	\$93.00	
Technical		
Technician V	\$164.00	
Technician IV	\$139.00 -	\$141.00
Technician III	\$113.00 -	\$122.00
Technician II	\$64.00 -	\$108.00
Technician I	\$55.00	
Office Services and Records		
Administrative	\$62.00 -	\$132.00

The above rates apply to all projects with exception to depositions and expert witness, in which all time spent for the preparation for depositions, providing the deposition, preparation for trials, and time spent in trial shall be billed at a rate of 2.0 times the above rate for all staff involved.

Expenses such as interim travel and subsistence, telephone, blueprints, subsurface investigations, laboratory testing, and subcontractor work approved by the client, will be charged at actual cost. A 10% administration fee may be charged on outside expenses.

A Fathometer for hydrographic surveys will be invoiced at \$150.00 per day. The use of a Survey Laser Scanner will be invoiced at \$1,000.00 per day. The use of an ATV or UTV will be invoiced at \$200.00 per day or actual rental cost. The use of a drone for aerial surveys or photography will be invoiced at \$50.00 per hour.

Necessary field vehicles are charged at \$65.00 per day. All other mileage is charged at 67.0 cents per mile net (or the current rate allowed by the I.R.S.). Boat Service fees are \$350 per day.

Above quotations are subject to change with 60 days review by client, due to circumstances beyond our control.

Cost-of-living adjustments will be made to the schedule of rates on January 1st of each year.

Exhibit C

Insurance

1. Firm's Insurance

Firm shall procure and maintain, for the duration of the Contract and any maintenance period, insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the work hereunder by the Firm, his agents, representatives, employees or subcontractors.

A. Minimum Limits of Insurance: Coverage shall be at least as broad as:

Insurance Services Office Commercial General Liability occurrence form CG 0001 with the Village of Buffalo Grove named as additional insured on a primary and non-contributory basis. This primary, non-contributory additional insured coverage shall be confirmed through the following required policy endorsements: ISO Additional Insured Endorsement CG 20 10 or CG 20 26 and CG 20 01 04 13. CG 20 37 - Completed Operations.

1) Insurance Services Office Commercial General Liability occurrence form CG 0001 with the Village named as additional insured, on a form at least as broad as the ISO Additional Insured Endorsement CG 2010 and CG 2026

2) Insurance Service Office Business Auto Liability coverage form number CA 0001, Symbol 01 "Any Auto."

3) Workers' Compensation as required by the Labor Code of the State of Illinois and Employers' Liability insurance.

4) Owners and Contractors Protective Liability (OCP) policy with the Village of Buffalo Grove as insured.

5) Builder Risk Property Coverage with Village as loss payee

6) Environmental Impairment/Pollution Liability Coverage for pollution incidents as a result of a claim for bodily injury, property damage or remediation costs from an incident at, on or migrating beyond the contracted work site. Coverage shall be extended to Non-Owned Disposal sites resulting from a pollution incident at, on or mitigating beyond the site; and also provide coverage for incidents occurring during transportation of pollutants.

B. Minimum Limits of Insurance: Firm shall maintain limits no less than:

1) Commercial General Liability: \$1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage. The general aggregate shall be twice the required occurrence limit. Minimum General Aggregate shall be no less than \$2,000,000 or a project/contract specific aggregate of \$1,000,000.

2) Business Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage.

3) Workers' Compensation and Employers' Liability: Workers' Compensation coverage with statutory limits and Employers' Liability limits of \$500,000 per accident.

4) Owners and Contractors Protective Liability (OCP): \$1,000,000 combined single limit per occurrence for bodily injury and property damage.

5) Builder's Risk: Shall insure against "All Risk" of physical damage, including water

damage (flood and hydrostatic pressure not excluded), on a completed replacement cost basis.

6) Environmental Impairment/Pollution Liability: \$1,000,000 combined single limit per occurrence for bodily injury, property damage and remediation costs

C. Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the Village. At the option of the Village, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as it respects the Village, its officials, agents, employees and volunteers; or the Firm shall procure a bond guaranteeing payment of losses and related investigation, claim administration and defense expenses.

D. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

1) General Liability and Automobile Liability Coverages:

The Village, its officials, agents, employees and volunteers are to be covered as insureds as respects: liability arising out of activities performed by or on behalf of the Firm; products and completed operations of the Firm; premises owned, leased or used by the Firm; or automobiles owned, leased, hired or borrowed by the Firm. The coverage shall contain no special limitations on the scope of protection afforded to the Village, its officials, agents, employees and volunteers.

2) The Firm's insurance coverage shall be primary and non-contributory as respects the Village, its officials, agents, employees and volunteers. Any insurance or self-insurance maintained by the Village, its officials, agents, employees and volunteers shall be excess of Firm's insurance and shall not contribute with it.

3) Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Village, its officials, agents, employees and volunteers.

4) The Firm's insurance shall contain a Severability of Interests/Cross Liability clause or language stating that Firm's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

5) If any commercial general liability insurance is being provided under an excess or umbrella liability policy that does not "follow form," then the Firm shall be required to name the Village, its officials, employees, agents and volunteers as additional insureds

6) All general liability coverages shall be provided on an occurrence policy form. Claims-made general liability policies will not be accepted.

7) The Firm and all subcontractors hereby agree to waive any limitation as to the amount of contribution recoverable against them by the Village. This specifically includes any limitation imposed by any state statute, regulation, or case law including any Workers' Compensation Act provision that applies a limitation to the amount recoverable in contribution such as Kotecki v. Cyclops Welding

E. All Coverages:

1) No Waiver. Under no circumstances shall the Village be deemed to have waived any of the insurance requirements of this Contract by any act or omission, including, but not limited to:

a. Allowing work by Firm or any subcontractor to start before receipt of Certificates of Insurance and Additional Insured Endorsements.

b. Failure to examine, or to demand correction of any deficiency, of any Certificate of Insurance and Additional Insured Endorsement received.

2) Each insurance policy required shall have the Village expressly endorsed onto the policy as a Cancellation Notice Recipient. Should any of the policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.

F. Acceptability of Insurers

Insurance is to be placed with insurers with a Best's rating of no less than A-, VII and licensed to do business in the State of Illinois.

G. Verification of Coverage

Firm shall furnish the Village with certificates of insurance naming the Village, its officials, agents, employees, and volunteers as additional insured's and with original endorsements, affecting coverage required herein. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the Village before any work commences. The Village reserves the right to request full certified copies of the insurance policies and endorsements.

H. Subcontractors

Firm shall include all subcontractors as insured's under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage's for subcontractors shall be subject to all of the requirements stated herein.

I. Workers' Compensation and Employees' Liability Coverage

The insurer shall agree to waive all rights of subrogation against the Village of Buffalo Grove, its officials, employees, agents and volunteers for losses arising from work performed by Firm for the municipality.

1) NCCI Alternate Employer Endorsement (WC 000301) in place to insure that workers' compensation coverage applies under Firm's coverage rather than the Village of Buffalo Grove's, if the Village of Buffalo Grove is borrowing, leasing or in day to day control of Firm's employee.

J. Failure to Comply

In the event the Firm fails to obtain or maintain any insurance coverage's required under this agreement, The Village may purchase such insurance coverage's and charge the expense thereof to the Firm.

K. Professional Liability

1) Professional liability insurance with limits not less than \$1,000,00 each claim with respect to negligent acts, errors and omissions in connection with professional services to be provided under the contract, with a deductible not-to-exceed \$50,000 without prior written approval.

2) If the policy is written on a claims-made form, the retroactive date must be equal to or preceding the effective date of the contract. In the event the policy is cancelled, non-renewed or switched to an occurrence form, the Firm shall be required to purchase supplemental extending reporting period coverage for a period of not less than three (3) years.

3) Provide a certified copy of actual policy for review.

4) Recommended Required Coverage (architect, engineer, surveyor, consultant): Professional liability insurance that provides indemnification and defense for injury or damage arising out of acts, errors, or omissions in providing the following professional services, but not limited to the following:

a. Preparing, approving or failure to prepare or approve maps, drawings, opinions, report, surveys, change orders, designs or specifications;

b. Providing direction, instruction, supervision, inspection, engineering services or failing to provide them, if that is the primary cause of injury or damage.



**Ordinance without Purchase : Ordinance Amending
Chapter 5.20 of the Municipal Code**

Summary

Staff recommends approval.

Recommended Motion

SUMMARY: A Class A liquor license is reserved for Paddock Lounge, LLC at 301 Hastings Drive. This reservation is subject to the applicant completing Village requirements for said license on or before June 17, 2024.

ATTACHMENTS:

1. Ordinance - Class A - Reserve Paddock Lounge LLC

Trustee Liason

President Smith

Staff Contact

Jessie Brown, Deputy Village Clerk

Underlined = addition
Strikethroughs = deletion
03/13/2024

ORDINANCE NO. 2024 - ____

AN ORDINANCE AMENDING CHAPTER 5.20 LIQUOR CONTROLS

WHEREAS, the Village of Buffalo Grove is a Home Rule Unit pursuant to the Illinois Constitution of 1970.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS as follows:

Section 1. Section 5.20.130 of the Village of Buffalo Grove Municipal Code is hereby amended as follows:

5.20.130 Licenses authorized.

Subsection A. of Section 5.20.130 of the Village of Buffalo Grove Municipal Code is hereby amended with deletions in ~~strikethrough~~ and additions in underline text so that Subsection A. of Section 5.20.130 shall provide as follows.

	Licensee and d/b/a	Address
Class A.		
1.	Luma, LLC d/b/a Lou Malnati's	85 South Buffalo Grove Road
2.	The Schwaben Center	301 Weiland Road
3.	Midas Banquets, Inc. d/b/a Astoria Banquets	1375 W. Dundee Road
4.	La Minita, Inc. d/b/a Mi Mexico Mexican Restaurant	220 N. Milwaukee Avenue
5.	K1 Speed, Inc.	301 Hastings Lane
6.	Leiserv, LLC d/b/a Bowlero – Buffalo Grove	350 McHenry Road
7.	La Presa Restaurant, Inc.	86 W. Dundee Road
8.	BRI Incorporated d/b/a Sal & Tony's	48 Raupp Boulevard
9.	Telugu Ruchulu of BG, LLC d/b/a Nawabi Hyderabad House Biryani Place	800 Lake Cook Road
10.	Themis's Pizza, LLC d/b/a Giordano's of Buffalo Grove	270 McHenry Road
11.	Yang Group, Inc. d/b/a Sushi Grove	312 McHenry Road
12.	AAA Restaurant, Inc. d/b/a Flambe India	1155 McHenry Road #102B
13.	TK Tavern, Inc. d/b/a Prairie House Tavern	2710 Main Street
14.	WJN Golf, LLC d/b/a WJ Golf	401 Half Day Road
15.	TheGolfLobby LLC	312 Half Day Road
16.	Ineozone Inc. d/b/a Kum Kang San Korean BBQ	1333 Dundee Road
17.	<u>Paddock Lounge, LLC</u>	<u>301 Hastings Drive</u>

Section 2.

- A. A Class A liquor license is reserved for Paddock Lounge LLC at 301 Hastings Drive. This reservation is subject to the applicant completing Village requirements for said license on or

before June 17, 2024. The Village Manager shall have the authority to extend the June 17, 2024 date for good cause shown. If not so extended, this reservation shall cease.

B. This Section 2 shall not be codified.

Section 3. This Ordinance shall be in full force and in effect from and after its passage and approval.

AYES: _____
NAYS: _____
ABSENT: _____
PASSED: _____, 2024
APPROVED: _____, 2024

Eric N. Smith, Village President

ATTEST:

Janet M. Sirabian, Village Clerk



Resolution : Resolution Adopting the 2024 Zoning Map

Summary

Staff recommends approval.

Recommended Motion

SUMMARY: Pursuant to State Statute, the Village of Buffalo Grove is required to publish its official zoning map by March 31, 2024. The latest zoning map is attached and reflects the major changes in 2023 and the beginning of 2024.

ATTACHMENTS:

1. 2024 Zoning Map - BOT Memo 24-0318
2. 2024 Zoning Map Resolution 24-0318
3. 20240311_VillageZoning_Map_36x48_v1

Trustee Liason

Trustee Weidenfeld

Staff Contact

Nicole Woods, Community Development
Director



TO: Dane Bragg, Village Manager
FROM: Nicole Woods, Director of Community Development
Kelly Purvis, Deputy Director of Community Development
DATE: March 18, 2024
SUBJECT: 2024 Village Zoning Map – Annual Update

BACKGROUND

Pursuant to State Statute, the Village of Buffalo Grove is required to publish its Official Zoning Map by March 31, 2024. The following changes were made to the Zoning Map this year:

- Prairie Grove Park – 2020 Olive Hill Drive:
The three park parcels were consolidated and rezoned from R-3 and R-3A One-Family Dwelling Districts to R-6A One-Family Dwelling District.
- Park Place Townhomes – 400 LaSalle Lane:
The property was rezoned from R-1 One-Family Dwelling District to R-7 Dwelling District.
- Prairie Pointe Townhomes – 22771 -22825 N. Prairie Road:
The property was annexed into the Village and zoned R-9 Multi-Family Dwelling District.
- Bison Crossing – 915 – 945 Dundee Road:
The property was rezoned from B-4 Business Services and Wholesale District to B-3 Planned Business Center District (lots 1 and 2) and R-9 Multi-Family Dwelling District (lot 3).
- Aptakisic-Tripp Junior High Additions – 1231 Weiland Road and 1351 Abbot Court:
The administrative office property on Abbot Court was consolidated with the Aptakisic-Tripp Junior High property and rezoned from I – Industrial District to R-E One-Family Dwelling District.

Staff Recommendation

Staff recommends approval of the attached zoning map.

RESOLUTION NO. 2024 –

**A RESOLUTION ADOPTING THE OFFICIAL ZONING MAP
OF THE VILLAGE OF BUFFALO GROVE, ILLINOIS**

WHEREAS, Illinois statute requires annual publication of the Village’s official zoning map; and,

WHEREAS, the Village of Buffalo Grove has compiled a zoning map attached hereto as Exhibit A depicting zoning districts as required by State statute.

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Buffalo Grove, Cook and Lake Counties, Illinois that the map attached hereto as Exhibit A is hereby adopted as the Village’s official Zoning Map.

AYES: _____

NAYS: _____

ABSENT: _____

PASSED: _____

APPROVED: _____

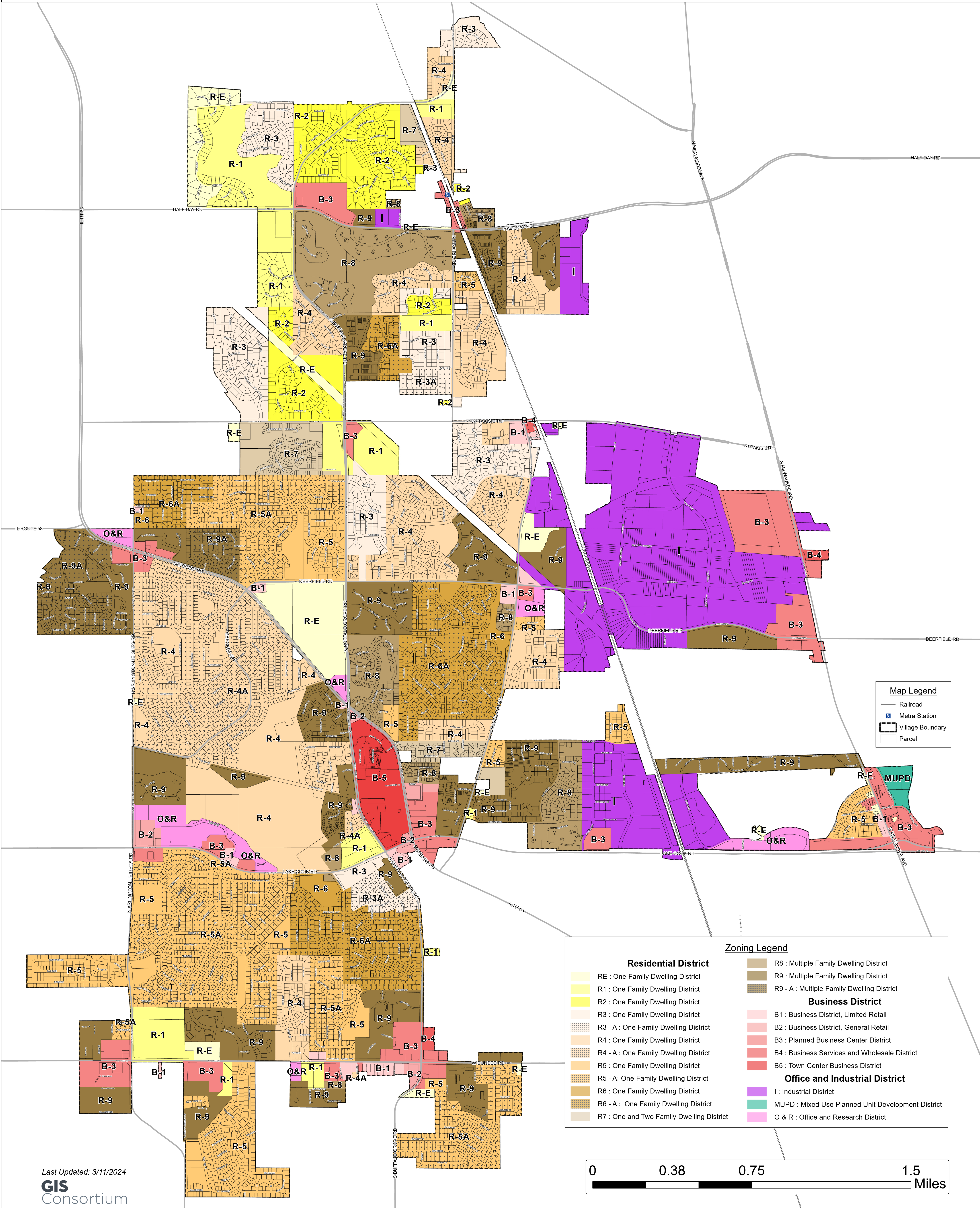
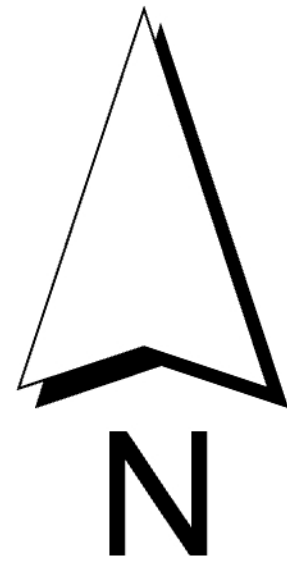
ATTEST:

APPROVED:

Village Clerk

Eric Smith, Village President

EXHIBIT A
2024 Zoning Map





**Ordinance with Purchase : Ordinance Authorizing the
Village Manager to Execute an Agreement with FGM
Architects for the Design of the Temporary Station 25
Building**

Summary

Staff recommends approval.

Recommended Motion

SUMMARY: As part of the Station 25 project, staff is seeking approval of an agreement with FGM Architects for the design drawings for the temporary station to be located in the existing Public Works building.

ATTACHMENTS:

1. 3-14-24 PW Station Design
2. Temp Station 25 Design Ordinance
3. Exhibit A FGM Architects Design & Documentation Temp St. 25

Trustee Liason

Trustee Cesario

Staff Contact

Lawrence Kane, Deputy Chief



MEMORANDUM

DATE: March 14, 2024

TO: Dane Bragg, Village Manager

FROM: Chris Stilling, Deputy Village Manager
William Baker, Fire Chief
Lawrence Kane, Deputy Fire Chief

SUBJECT: Temporary Fire Station Design Contract (Former PW Facility)

Background

At the February 5, 2024, Village Board Meeting, the Village Board approved entering into an agreement with FGM Architects for architectural services provided to the Village of Buffalo Grove for building and remodeling projects (Ordinance # O-2024-20). These projects include the Station 25 rebuild project.

Discussion

A portion of the Station 25 rebuild project is the re-use of the former public works facility as a temporary fire station. FGM Architects has provided pricing for services as \$40,400 for the re-design of this space. Considerations for this re-design include appropriate facilities at a temporary facility which will ensure efficient operations as well as provide for no negative impact on service delivery.

Recommendation

Staff recommends that the Village Manager be authorized to enter into a contract for design services with FGM Architects for the temporary Fire Station 25 in an amount of \$40,400, not including reimbursable expenses.

Attachments:

FGM Design Contract for Temporary Fire Station 25

ORDINANCE NO. 2024 - ____

AN ORDINANCE AUTHORIZING THE VILLAGE MANAGER TO EXECUTE AN AGREEMENT WITH FGM ARCHITECTS FOR THE DESIGN OF THE TEMPORARY STATION 25 BUILDING FOR THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS

WHEREAS, the Village of Buffalo Grove ("Village") is a Home Rule Unit by virtue of the Illinois Constitution of 1970; and,

WHEREAS, in 2024, the Village entered into a master agreement with FGM Architects ("Contractor") for architectural services ("Agreement"), which is set to expire annually, but may be extended; and,

WHEREAS, the Agreement includes a provision that allows for the terms and conditions to be amended; and,

WHEREAS, the Contractor and the Village have agreed to terms and conditions outlined in an amended agreement effective March 11, 2024 ("Amendment") and attached hereto as Exhibit A; and,

WHEREAS, the President and Village Board of Trustees after due and careful consideration have concluded that the Amendment is in the best interest of the Village.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS:

Section 1. This Ordinance is made pursuant to and in accordance with the Village's Municipal Code and the Village's Home Rule powers. The preceding whereas clauses are hereby made a part of this Ordinance.

Section 2. The Corporate Authorities hereby grant approval of the Amendment and authorize the Village Manager to execute the Amendment, subject to the review and approval of the Village Attorney.

Section 3. This Ordinance shall not be codified.

AYES: _____

NAYS: _____

ABSENT: _____

PASSED: _____

APPROVED: _____

ATTEST:

Village Clerk

APPROVED:

Eric Smith, Village President

EXHIBIT A

FGM Architects Design & Documentation Temporary Station 25

FGMA ARCHITECTS

March 11, 2024 - revised

Tom Wisniewski – Purchasing Manager

Village of Buffalo Grove

Temporary Fire Station

50 Raupp Blvd

Buffalo Grove, Illinois 60089

Sent via email: TCWisniewski@vbg.org

Cc: WBaker@vbg.org

Re: Temporary Fire Station – Design & Documentation, Bidding, & Construction Administration

Dear Mr. Wisniewski:

Thank you for selecting FGM Architects to work with the Village on their Temporary Fire Station project. This project is required to maintain operations of staff at Fire Station No 25 while that is being constructed. Therefore, this scope would need to occur prior to the start of construction on Station No 25. This proposal is for design, documentation, bidding, and construction administration.

On the following pages, please find our understanding of our discussion we have had regarding this project, and its components and the associated fee to complete the work.

Thank you again for giving FGMA the Village's confidence. We are extremely excited to continue working with the Village and the Fire Department. If you have any questions or need further information, feel free to contact me directly at 630.574.8714 or jasonestes@fgmarchitects.com.

Sincerely,

FGM Architects Inc.



Jason Estes, AIA
Principal

FGMA^{ARCHITECTS}

Proposal for

Temporary Fire Station - Design & Documentation, Bidding, & Construction Administration

for:

Village of Buffalo Grove – Temporary Fire Station

51 Raupp Blvd

Buffalo Grove, Illinois 60089

Submitted to:

Tom Wisniewski – Purchasing Manager

Village of Buffalo Grove

Temporary Fire Station

50 Raupp Blvd

Buffalo Grove, Illinois 60089

Sent via email: TCWisniewski@vbg.org

Cc: WBaker@vbg.org

By:

FGM ARCHITECTS INC.

1211 West 22nd Street, Suite 700

Oak Brook, IL 60523

March 12, 2024

1.0 UNDERSTANDING OF PROJECT

The Village of Buffalo Grove, hereinafter referred to as the Owner, is looking to construct/modify the existing Public Works facility into a Temporary Fire Station. This project is necessary to be completed prior to beginning Fire Station No 25 construction in order to maintain operations and coverage. This proposal is to bring Fire Station 25 through design documentation, bidding, and construction administration.

- 1.1 The design work will be performed in 2024 for the facility and construction work will be performed in the 4th quarter of 2024.
 - 1.1.1 Refer to attached included project schedule for more defined approach.
- 1.2 The Owner is utilizing a Construction Manager as Constructor delivery method.
- 1.3 A separate proposal will address Fire Station No 25 services.
- 1.4 The initial project programming and budget estimate was developed within Phase 1 and is included in Exhibit A. The initial budget estimates Construction Costs is about \$100k.

2.0 SCOPE OF ARCHITECT'S SERVICES

FGM Architects, Inc., hereinafter referred to as FGMA or Architect, shall provide the following professional services for the project:

- 2.1 Design Services
 - 2.1.1 Based upon information gathered in the original Phase 1 project, FGMA will develop:
 - .1 Schematic Plans for the temporary station.
 - .2 Written description of architectural, structural, and MEP&FP systems
 - 2.1.2 Schedules, Goals, and Issues: Assist Owner to establish overview goals that will provide direction through the course of the Project.
 - 2.1.3 Determine Participants' Roles and Information Needs: Determine the roles, relationships and responsibilities of the Owner, FGMA and others as required during the Project. Expectations in terms of scheduled deliverables by each party will be clarified to ensure a successful project.
 - 2.1.4 Review/refine Schematic Design Drawings (Site Plan, Floor Plan, Elevations and Perspectives) graphically defining design intent for the Project.
 - 2.1.5 Assist Owner to secure Project approval(s) from local governmental officials.
 - 2.1.6 Present final design to the Owner before obtaining written approval to proceed with the next Phase.
- 2.2 Design Development Services
 - 2.2.1 Based on the approved schematic design and any adjustments authorized by the Owner regarding the program; FGMA shall prepare Design Development Phase Documents consisting of drawings and other documents to fix and describe the size and character of the Scope of Work assigned to FGMA.
 - 2.2.2 Floor plans, interior elevations, and other design features will be further developed.
 - 2.2.3 Mechanical, electrical, and plumbing, and structural drawings will be initiated to identify systems and overall scope of work required. Civil engineering is not anticipated for this project.
 - 2.2.4 Design work will include building materials/finishes, and colors.

- 2.2.5 The Design Development Documents shall also include outline specifications that identify major materials and systems and establish, in general, their quality levels.
- 2.2.6 The project will be reviewed with the Villages' Development Review Team. If there are any items that are requested beyond the scope of this project, they will be discussed with the project team prior to incorporation.
- 2.2.7 The Owner is choosing the project delivery as CMaR, therefore it is recommended that the Owner's construction manager update their budgets upon completion of the design development phase to confirm that the project is following the Owner's intended direction.
- 2.2.8 Additional Services that may be required and are not included in the proposed fee or services.
 - .1 Environmental Studies (ACM, lead, etc.).
- 2.2.9 All work in this phase will be reviewed with the Owner prior to proceeding into the construction document phase of work.
- 2.3 Construction Drawings Services
 - 2.3.1 Upon approval of the design development phase, FGMA shall prepare Construction Documents for the Project. The Construction Documents shall consist of drawings and specifications as required to secure necessary building permits, procure bids, and build the project.
 - 2.3.2 FGMA has included structural, mechanical, electrical, plumbing and fire protection engineering consulting services as part of our scope of services. Civil and landscape are not anticipated to be necessary for this project.
 - 2.3.3 The bidding requirements, including bid advertisement, general conditions, contract, and bid forms will be developed with input and direction from the Owner.
 - 2.3.4 All work in this phase will be reviewed with the Owner.
 - 2.3.5 FGMA will submit all documentation to the local jurisdiction having authority in order
 - 2.3.6 FGMA shall assist the Owner in filing the required documents for approval of municipal authorities having jurisdiction over the project.
- 2.4 Bidding and Negotiation Services
 - 2.4.1 FGMA shall assist the Owner and Construction Manager in soliciting bids from Contractors.
 - 2.4.2 FGMA will respond to questions and provide clarifications to bidders, and issue Addenda.
 - 2.4.3 Assist Construction Manager in conducting a Pre-Bid Meeting.
 - 2.4.4 Participate in the Bid Opening Meeting.
 - 2.4.5 Assist Construction Manager review bids for compliance to Contract Documents and conduct reference reviews.
 - 2.4.6 Assist Construction Manager to provide a letter of recommendation for lowest responsive and responsible bidders.
 - 2.4.7 Assist Construction Manager to prepare Construction Contracts for Owner's legal

review.

2.5 Construction Administration Services

- 2.5.1 FGMA shall provide construction administration services, including administration of contracts, submittal reviews, on-site observation visits, Owner/Architect/Contractor meetings, and punch list preparation.
- 2.5.2 FGMA will conduct a pre-construction meeting with the Owner and Contractor.
- 2.5.3 We have included (1) OAC/site visit every (2) weeks to monitor Construction Phase activities for general conformance with Construction. Based upon a construction period of 2-3 months.
- 2.5.4 Prepare Punch-List and related follow-up of same. We have included (1) meetings for preparation of punch-list and one punch-list follow up meeting.

2.6 Services that are not included in our proposed include the following items:

- .1 Environmental Site Studies
- .2 Special site surveys for endangered species, historical significance, etc. beyond initial consultation.
- .3 Hazardous Material Remediation.
- .4 Material testing services during construction, to be coordinated with GC/CM
- .5 Building Commissioning
- .6 LEED Consulting Services
- .7 Furniture Design, but FGMA can offer or include if requested.
- .8 Printing of project documents for bidding purposes, reimbursable
- .9 Printing for any Village Government approval/ review, reimbursable
- .10 Printing of milestone progress sets made for Owner and regulatory agencies, reimbursable.
- .11 Design of alerting systems, security systems, and telephone systems

2.7 Consultants

- 2.7.1 FGMA has included structural, mechanical, plumbing and electrical engineering consultants as part of this proposal to be compensated for as indicated below. Interior Architecture will be performed in house by FGMA. Material testing and hazardous waste engineering are not included in our proposal but will be coordinated by FGMA on the Owner's behalf/ request. Landscape and civil engineering is not required for this project.

3.0 ARCHITECT'S COMPENSATION

The Owner shall compensate FGM Architects, Inc. for professional Architectural-Engineering services rendered in connection with this project under this proposal as follows:

- 3.1 For all professional services as described in Paragraph 2.0, FGMA shall be compensated on a lump sum basis, at \$40,400 not including Reimbursable Expenses. Travel to your project, phone, & fax are included within this fee.
- 3.2 Compensation shall be distributed to each Phase based on the following percentages:

Schematic Design Phase	10% of total compensation
------------------------	---------------------------

Design Development Phase	25% of total compensation
Construction Document Phase	40% of total compensation
Bidding and Negotiation Phase	05% of total compensation
Construction Phase	20% of total compensation

- 3.3 For any Additional Services authorized by the Owner beyond the scope of this Proposal including but not limited to: additional reports and/or documentation, presentations or coordination with any outside agencies, FGMA shall be compensated on the basis of the hourly rates described in the attached Hourly Rate Schedule for the professional and technical employees engaged on the Project plus Reimbursable Expenses.
- 3.4 If specialty consultants are required, FGMA shall be reimbursed for consultant expenses in connection with the Project, invoiced to Owner
- 3.5 Payments shall be made by the Department to FGM Architects, Inc. upon receipt of invoice. Payments shall be made in accordance with the Illinois Prompt Payment Act.
- 3.6 Non-payment of invoices shall constitute grounds for discontinuing service.
- 3.7 The terms of this Proposal are based upon services commencing within 60 days.

4.0 FORM OF AGREEMENT

It is our understanding that this proposal would fall under the Master Agreement between FGM Architects, Inc. and the Village of Buffalo Grove. In order to document and authorize authorization of this scope to the Master Agreement, we have provided signatory authorization below. If this proposal is acceptable, please sign and return it for record. Any conflict between the terms and conditions of the proposal and the Master Agreement signed on February 9, 2024 the Master Agreement shall prevail.

We appreciate this opportunity to be of service to the Village of Buffalo Grove.

Agreed and Accepted

Village of Buffalo Grove

By: _____

Title: _____

Date: _____

FGM Architects, Inc.

By:  _____

Title: Jason Estes, AIA - Principal

Date: 12MARCH2024

HOURLY RATE SCHEDULE
Effective February 1, 2023*

Where the fee arrangements are to be on an hourly basis, the rates shall be those that prevail at the time services are rendered. Current rates are as follows:

FGM Architects	
Principal (Board of Directors)	\$300.00
Arch IV	\$260.00
Arch III	\$220.00
Arch II	\$180.00
Arch I	\$140.00
Interior Designer IV	\$240.00
Interior Designer III	\$200.00
Interior Designer II	\$160.00
Interior Designer I	\$120.00
Project Administrator	\$135.00

**Rates are subject to adjustment each November 1st.*

FGMARCHITECTS

March 12, 2024

Village of Buffalo Grove
New Fire Station No 25 & Temporary Fire Station

Subject: Estimated Schedule for projects.

New Station No 25

2024

April	Schematic Design
May-July	Design Development
Aug-Dec	Construction Documentation
Dec	Issue for CM Scopes (CM to verify)

2025

Jan	Issue for Bid & Permit (CM to verify)
Feb	Bids Due (CM to verify)
Feb	Bid Review (CM to verify)
Feb/Mar	Anticipated Board Authorization of Bids (CM to verify)
Mar/April	Begin Construction (CM to verify)

2026

Feb/Mar	Substantial Completion (CM to verify)
Mar/Apr	Final Completion (CM to verify)

Temporary Fire Station/ Existing PW Conversion

2024

April	Schematic Design
May-June	Design Development/Construction Documentation
July	Issue for CM Scopes
July	Issue for Bid & Permit (CM to verify)
Aug	Bids Due (CM to verify)
Aug	Bid Review (CM to verify)
September	Anticipated Board Authorization of Bids (CM to verify)
October	Begin Construction (CM to verify)
December	Substantial Completion (CM to verify)

2025

January	Final Completion (CM to verify)
---------	---------------------------------

Sincerely,

Jason Estes, AIA | Principal
jasonestes@fgmarchitects.com



**Ordinance without Purchase : Approve an Ordinance
Granting Sign Variations at BMO Harris Bank at 500 Half
Day Rd**

Summary

The Planning & Zoning Commission unanimously recommended approval, subject to the conditions in the attached Ordinance. Staff concurs with this recommendation.

Recommended Motion

FULL OVERVIEW: BMO Harris Bank, is seeking multiple sign variations to replace a wall sign with a slightly smaller wall sign on the east elevation of their building located at 500 W Half Day Road.

ATTACHMENTS:

1. MEMO - 500 Half Day Rd
2. DRAFT ORDINANCE - 500 Half Day Rd
3. Exhibit B Plan Set
4. Exhibit C PZC Minutes 03062024

Trustee Liason

Trustee Weidenfeld

Staff Contact

Nicole Woods, Community Development
Director

MEMORANDUM

DATE: March 18, 2024

TO: Dane Bragg, Village Manager

FROM: Nicole Woods, Community Development Director
Andrew Binder, Associate Planner

SUBJECT: 500 W Half Day Road – Sign Variations for BMO Harris Bank

PROJECT BACKGROUND

BMO Harris Bank is seeking multiple sign variations to replace a wall sign on its east elevation with a slightly smaller wall sign located at 500 W Half Day Road, as shown in Figure 1.

The subject property was previously granted variations for a wall sign at this location in 1992, 2008, 2011 for the number of signs, size, and location of the sign. The Village's Sign Code requires that when a sign approved by a variation is removed, replaced, or altered structurally, the replacement sign shall either conform to the Village's Sign Code requirements or a new variation is required.

BMO Harris is replacing all of its 3 walls signs and the wall sign on the building's east elevation requires the variations from the Sign Code:

- To allow more than two wall signs on the building;
- To allow the wall sign on the east elevation that does not face a public right-of-way;
- To allow the wall sign on the east elevation to be the same size as the wall sign over the main entrance (south elevation).

No other changes to the site or its use are proposed with this request.

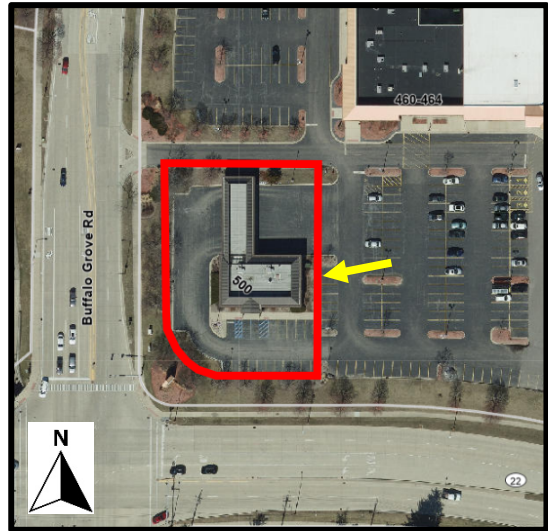


Figure 1: Subject Wall Sign at 500 W Half Day Rd

PLANNING & ZONING ANALYSIS

The petitioner is proposing an internally illuminated channel letter sign on the east elevation of the building that will match the other existing wall signs on the north and south building elevations.

Staff supports the Petitioner's sign variation requests as the sign complements the building design and is similar to the previously approved signage for the site. The proposed sign on the east elevation is smaller than the existing sign. The combined sign area of all three wall signs is within the permitted limit for the building and the proposed wall signs on the west and south elevations of the building meet the Village's Sign Code requirements.



PUBLIC HEARING COMMENTS

There were no concerns from the public regarding this request.

PLANNING & ZONING COMMISSION (PZC) RECOMMENDATION

The PZC **unanimously recommended approval** of the Sign Code variations for BMO Harris Bank at 500 W Half Day Road, subject to the following conditions:

1. The wall sign shall be installed in accordance with the documents and plans submitted as part of this petition.
2. The Petitioner shall comply with all applicable Village codes, regulations, and policies.

RECOMMENDATION

Staff recommends that the Village Board adopt an Ordinance granting approval of three variations to Title 14 (Sign Code) Section 14.16 to allow more than two wall signs on the building, to allow a wall sign on the east elevation that does not face a public right-of-way, and to allow a wall sign larger in size than the wall sign over the primary entrance at the BMO Harris Bank located at 500 W Half Day Road, subject to the conditions in the attached Ordinance.

ORDINANCE NO. 2024 - ____

**GRANTING VARIATIONS FROM
THE BUFFALO GROVE SIGN CODE
FOR A WALL SIGN**

BMO Harris Bank at 500 W Half Day Road

WHEREAS, the Village of Buffalo Grove is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the real property ("Property") is commonly known as 500 W Half Day Road, Buffalo Grove, Illinois and is hereinafter legally described in Exhibit A; and

WHEREAS, Bright Light Sign Company, on behalf of BMO Harris Bank, ("Petitioner") is seeking variations from Section 14.16 of the Village Sign Code (Title 14 of the Buffalo Grove Municipal Code) for the purpose of replacing the existing east elevation wall sign on the subject property; and

WHEREAS, the Planning & Zoning Commission held a public hearing on March 6, 2024, concerning the petition for the Sign Variations; and

WHEREAS, the Planning & Zoning Commission made findings of fact and determined that the petition meets the criteria for Sign Variations as set forth in the Buffalo Grove Sign Code, and as described in the minutes attached hereto as Exhibit C; and

WHEREAS, the Planning & Zoning Commission voted 7-0 to recommend approval of the requested Sign Variations; and

WHEREAS, the Corporate Authorities of the Village of Buffalo Grove hereby determine and find that the requested Sign Variations are in harmony with the general purpose and intent of the Sign Code (Title 14 of the Buffalo Grove Municipal Code); and

1. The literal interpretation and strict application of the provisions and requirements of this Title would cause undue and unnecessary hardships to the sign user because of unique or unusual conditions pertaining to the specific building, parcel or property in question; and
2. The granting of the requested variances would not be materially detrimental to the property owners in the vicinity; and
3. The unusual conditions applying to the specific property do not apply generally to other properties in the Village; and
4. The granting of the variances will not be contrary to the purpose of this Title pursuant to Section 14.04.020

WHEREAS, the proposed sign shall be constructed in accordance with and pursuant to the following exhibits:

EXHIBIT A Legal Description of the Property

EXHIBIT B Plan Set

EXHIBIT C Draft Minutes from the March 6, 2024 Planning & Zoning Commission Meeting

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

Section 1. The preceding WHEREAS clauses are hereby adopted by the Corporate Authorities and made a part hereof.

Section 2. The variations are hereby granted to Section 14.16 of the Village Sign Code (Title 14 of the Buffalo Grove Municipal Code) to exceed the maximum number of wall signs allowed, allow a wall sign on the east elevation that does not face a public right-of-way, and to allow a wall sign larger in the size than the wall sign over the primary entrance at 500 W Half Day Road, subject to the following conditions:

1. The wall sign shall be installed in accordance with the documents and plans submitted as part of this petition.
2. The Petitioner shall comply with all applicable Village codes, regulations, and policies.

Section 3. This Ordinance shall be in full force and effect from and after its passage, and approval. This Ordinance shall not be codified.

AYES: _____

NAYES: _____

ABSENT: _____

PASSED: _____, 2024.

APPROVED: _____, 2024.

ATTEST:

APPROVED:

Village Clerk

Eric N. Smith, Village President

Exhibit A
Legal Description

BMO Harris Bank at 500 W Half Day Road

Parcel "A" of Lot 3 of Woodland Commons Shopping and Commerce Center, being a Subdivision of part of the South half of the southeast quarter of Section 17 and the north half of the northeast quarter of the northeast quarter of Section 20, and the west half of the northwest quarter of Section 21, all in Township 43 north, Range 11, east of the Third Principal Meridian according to the Plat thereof recorded July 5, 1990 as Document 2921830, in Lake County, Illinois.

Property Address: 500 W Half Day Road, Buffalo Grove, Illinois 60089

PIN: 15-17-414-021

**Exhibit B
Plan Set**

BMO Harris Bank at 500 W Half Day Road

Exhibit C
Draft Minutes from the March 6, 2024, PZC Meeting

BMO Harris Bank at 500 W Half Day Road

Planning & Zoning Commission,

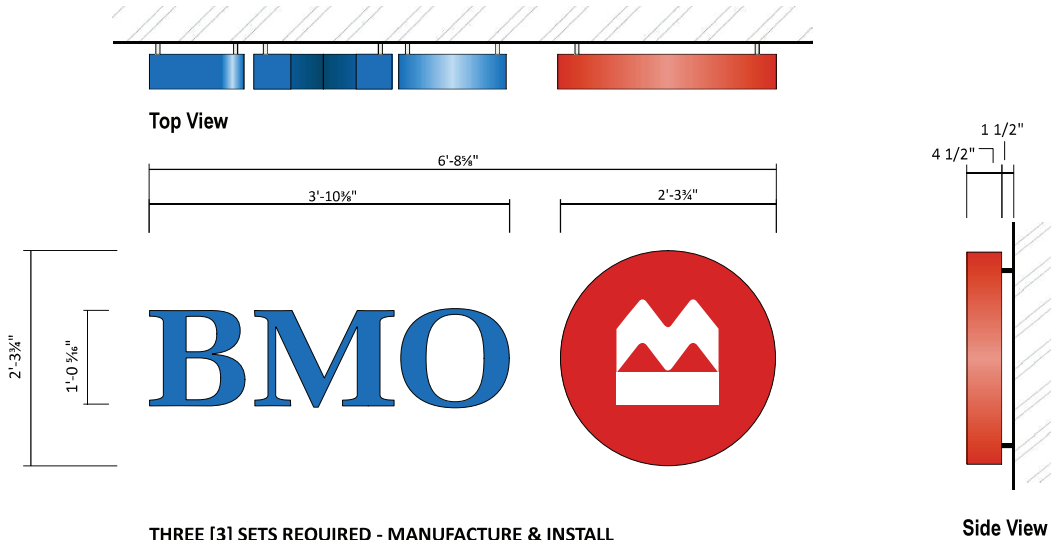
We are requesting a variance on behalf of BMO Harris/Stonebridge Holdings LLC for a sign on the East Elevation of BMO Bank, located at 500 W Half Day Road, Buffalo Grove, IL 60089. The proposed square footage for the sign is 15.5 square feet, and the purpose of the sign is for business identification. The sign is made of acrylic faces, aluminum trimcap and returns, and polycarbonate backs. The sign is dual illuminated with HLED-P2072W Hanley White LEDs for the face illumination, and the rear illumination is with Blue Hanley LEDs. Further details on the materials can be found on the drawings provided.

The business has an existing sign on this elevation reading "BMO Harris Bank" that is to be removed, and replaced with this sign reading only "BMO" with logo as a part of their rebranding efforts.

Please let us know if you have further questions.

Best,

Katie Davila
Permit Coordinator
Bright Light Sign Company
310 Telser Rd., Lake Zurich, IL 60047
847-550-8902
permits@brightlightsign.com



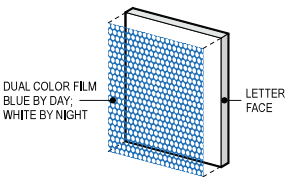
THREE [3] SETS REQUIRED - MANUFACTURE & INSTALL

NOTE - EAST ELEVATION WILL REQUIRE A VARIANCE.

NOTE - EAST ELEVATION: "The following estimate would be based on 2 variance meetings at 3 hours each, as well as application and acquisition time. This is subject to change once in the variation process."

Meeting Time: Estimated \$570.00

Application & Acquisition time: Estimated \$350.00."



Simulated Night View

LETTERS:
FACES: .187 #2447 white acrylic w/ surface applied screen printed dual color film to match BMO Blue - illuminates White at night

TRIMCAP: 1" Standard jewelrite painted blue

RETURNS: 4-1/2" deep .050 alum. painted blue

BACKS: 1/4" thick #2447 White Tuffak SL polycarbonate

ILLUM.: HLED-P2072W Hanley White led's are to light faces; Blue Hanley LEDs for Halo Lighting
Alternate: Sloan VL 4 White - 6500K & VL 4 Blue 3mm ACP inner Baffle; Power supplies are remote

LOGO:
FACES: .187 #7328 white acrylic w/ surface applied Trans red vinyl overlay w/ reverse weeded graphic to show thru white; 3M matte overlaminate applied over red vinyl

TRIMCAP: 1" Standard Red

RETURNS: 4-1/2" deep .050 alum. painted Red

BACKS: 1/4" thick #2447 White Tuffak SL polycarbonate

ILLUM.: HLED-P2072W Hanley White led's are to light faces; Blue Hanley LEDs for Halo lighting
Alternate: Sloan VL 4 White - 6500K & VL 4 Blue 3mm ACP inner Baffle; Power supplies are remote

INSTALL: Thru bolted with 1-1/2" stand off from wall surface using 3/8" threaded rod into approved blocking; spacers to be provided painted to match wall.

SIGN S1 TO BE INSTALLED ON UNEVEN SURFACE / STAND-OFFS REQUIRED

COLOR PALETTE		
 LETTER VINYL: 3M screen printed Dual Color ON to match Pantone 300 C Blue	 LOGO VINYL: 3M 3630-143 Poppy Red 3M 3660-M Scotchcal Matte overlaminate	 SPACER: SW 7005 Pure White to match sign band
 LETTER RETURNS: Pantone 300 C Blue	 LOGO RETURNS: Pantone 485 C	

All paint finishes are satin unless otherwise noted.

Design #	
0420969Ar1 APV	
Sheet	6 of 7
Client	
BMO #4669	
Address	
500 Half Day Road Buffalo Grove, IL 60089	
Account Rep.	SM / JG
Designer	LDB
Date	04/04/23
Approval / Date	
Client	
Sales	
Estimating	
Art	
Engineering	
Landlord	
Revision / Date	
EDIT KMc 4/11/23	
EDIT KMc 4/18/23	
APV-MAB 7/11/23: Remove door/window vinyl & "no action" pages	
EDIT ES 8/9/23	
EDIT ES 8/11/23	
APV-MAB 8/9/23: CHANGE ORDER	
R1 RMS 9-12-23	
APV-MAB 9/14/23	
CHANDLER SIGNS	
chandlersigns.com	
National Headquarters	14201 Sovereign Road #101 Fort Worth, TX 76155 (817) 662-2000 fax (817) 662-2004
San Antonio	17319 San Pedro Avenue Suite 200 San Antonio, TX 78232 (214) 349-3800 fax (214) 349-4934
Georgia	111 Woodstone Place Dawsonville, GA 30734 (770) 775-8822 fax (770) 775-8274
South Texas	PO BOX 125 205 Doran Drive Portland, TX 76374 (817) 593-2599 fax (817) 593-6933
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EXISTING EAST ELEVATION
REMOVE EXISTING CHANNEL LETTERS & DISCARD AS REQUIRED



PROPOSED ELEVATION
INSTALL [1] NEW SET AS SHOWN
NOTE - THIS ELEVATION WILL REQUIRE A VARIANCE.

SQ FT ALLOWED FOR SIGNAGE	72.5 sq ft
FASCIA REPAIR SQ FT	38 sq ft- REPAINT WHITE
PROPOSED SQ FT	15.5 sq ft

Design #	
0420969Ar1 APV	
Sheet	5 of 7
Client	
BMO #4669	
Address	
500 Half Day Road Buffalo Grove, IL 60089	
Account Rep.	SM / JG
Designer	LDB
Date	04/04/23
Approval / Date	
Client	
Sales	
Estimating	
Art	
Engineering	
Landlord	
Revision / Date	
EDIT KMc 4/11/23	
EDIT KMc 4/18/23	
APV-MAB-7/11/23: Remove door/window vinyl & "no action" pages	
EDIT ES 8/9/23	
EDIT ES 8/11/23	
APV-MAB-8/9/23: CHANGE ORDER	
R1 RMS 9-12-23	
APV-MAB-9/14/23	



chandler signs.com	
National Headquarters	14201 Sovereign Road #101 Fort Worth, TX 76155 (817) 492-2000 fax (817) 492-2004
San Antonio	17319 San Pedro Avenue Suite 200 San Antonio, TX 78232 (214) 349-3800 fax (214) 349-4734
Georgia	111 Woodstone Place Dawsonville, GA 30734 (770) 775-8822 fax (770) 775-8274
South Texas	PO BOX 125 205 Doran Drive Portland, TX 78374 (817) 593-2588 fax (817) 593-4933

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EXISTING SOUTH ELEVATION
REMOVE EXISTING CHANNEL LETTERS & DISCARD AS REQUIRED

NOTE: NEW SIGN TO BE INSTALLED ON UNEVEN SURFACE
EXISTING PHOTO CELL PREVENTS NEW SIGN TO BE INSTALLED IN THE CENTER OF FASCIA LENGTH
RELOCATE EXISTING PHOTO CELL



FOR REFERENCE- SIDE VIEW OF EXISTING CHNL LTRS



PROPOSED ELEVATION
INSTALL [1] NEW SET AS SHOWN

SQ FT ALLOWED FOR SIGNAGE	66 sq ft
FASCIA REPAIR SQ FT	38 sq ft- REPAINT WHITE
PROPOSED SQ FT	15.5 sq ft

Design #	
0420969Ar1	
Sheet	of
3	21
Client	
BMO-4669	
Address	
500 Half Day Road Buffalo Grove, IL 60089	
Account Rep.	SM / JG
Designer	LDB
Date	04/04/23
Approval / Date	
Client	
Sales	
Estimating	
Art	
Engineering	
Landlord	
Revision / Date	
EDIT KMc 4/11/23	
EDIT KMc 4/18/23	
EDIT ES 8/9/23	
EDIT ES 8/11/23	
R1 RMS 9-12-23	

CHANDLER SIGNS

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San Antonio	17319 San Pedro Avenue Suite 200 San Antonio, TX 78232 (214) 349-3804 Fax (214) 349-8734
Georgia	111 Woodstone Place Dawsonville, GA 30734 (770) 775-8822 Fax (770) 349-8734
South Texas	PO BOX 125 206 Doral Drive Portland, TX 78374 (817) 962-2000 Fax (817) 943-6333

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EXISTING WEST ELEVATION
REMOVE EXISTING CHANNEL LETTERS & DISCARD AS REQUIRED

NOTE: NEW SIGN
EXISTING PHOTO CELL PREVENTS NEW SIGN TO BE INSTALLED IN THE CENTER OF FASCIA LENGTH
RELOCATE EXISTING PHOTO CELL



PROPOSED ELEVATION
INSTALL [1] NEW SET AS SHOWN

SQ FT ALLOWED FOR SIGNAGE	22.5 sq ft
FASCIA REPAIR SQ FT	38 sq ft- REPAINT WHITE
PROPOSED SQ FT	15.5 sq ft

Design #	
0420969Ar1	
Sheet	4 of 21
Client	
BMO-4669	
Address	
500 Half Day Road Buffalo Grove, IL 60089	
Account Rep.	SM / JG
Designer	LDB
Date	04/04/23
Approval / Date	
Client	
Sales	
Estimating	
Art	
Engineering	
Landlord	
Revision / Date	
EDIT KMc 4/11/23	
EDIT KMc 4/18/23	
EDIT ES 8/9/23	
EDIT ES 8/11/23	
R1 RMS 9-12-23	

CHANDLER
SIGNS

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14201 Sovereign Road #101
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San Antonio
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San Antonio, TX 78232
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Georgia
111 Woodstone Place
Dawsonville, GA 30734
(770) 775-8822 Fax (770) 349-8734

South Texas
PO BOX 125 206 Doran Drive
Portland, TX 78374
(817) 585-2399 Fax (817) 943-6332

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Sign Code – Variation Standards

RESPONSE TO STANDARDS

During your testimony at the Public Hearing you need to testify and present your case for the variance being requested. During your testimony you need to affirmatively address the six (6) standards listed below.

The Planning & Zoning Commission is authorized to grant variations to the regulations of the Sign Code (Chapter 14.40) based upon findings of fact which are made based upon evidence presented at the hearing that:

1. The literal interpretation and strict application of the provisions and requirements of this Title would cause undue and unnecessary hardships to the sign user because of unique or unusual conditions pertaining to the specific building, parcel or property in question; and
Response: YES, the original sign on the east elevation was approved through variance in 2012. The new sign is going back on the same elevation at a reduced square footage from the existing. This elevation offers much needed visibility to the main entry drive to the shopping center.
2. The granting of the requested variance would not be materially detrimental to the property owners in the vicinity; and
Response: NO, we are reducing the sign of the size from the existing, so it will not have an negative impact on the nearby property owners.
3. The unusual conditions applying to the specific property do not apply generally to other properties in the Village; and
Response: CORRECT, what makes this site unusual is the adjacent large shopping center and the private drive.
4. The granting of the variance will not be contrary to the purpose of this Title pursuant to Section 14.04.020.
Response: CORRECT, the granting of the variance would be in alignment with the previous variance from 2012 that has already been granted.

B. Where there is insufficient evidence, in the opinion of the Planning & Zoning Commission, to support a finding under subsection (A), but some hardship does exist, the Planning & Zoning Commission may consider the requirement fulfilled if:

1. The proposed signage is of particularly good design and in particularly good taste; and
Response: YES, signage design and style is consistent with the existing sign that is being replaced. The bank is simply re-branding with a simplified logo.
2. The entire site has been or will be particularly well landscaped.
Response: YES, there are existing trees around the property of the bank.

ORDINANCE NO. 92- 52

GRANTING A VARIANCE FROM SECTION 14.20.030
OF THE BUFFALO GROVE SIGN ORDINANCE

WHEREAS, the Village of Buffalo Grove is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, HARRIS BANK BUFFALO GROVE, the Lessee of the hereinafter legally described real property commonly known as 500 Half Day Road, Buffalo Grove, Illinois, has requested a variation from Section 14.20.030 of the Buffalo Grove Sign Ordinance relative to the requirement of only allowing one wall sign on each face for an occupancy on a corner lot.

WHEREAS, the Zoning Board of Appeals has held a public hearing, received testimony, prepared minutes, made certain findings, and has made an affirmative recommendation on said request for variation; and

WHEREAS, the Corporate Authorities of the Village of Buffalo Grove hereby determine and find that said variation is in harmony with the general purpose and intent of the Sign Ordinance, that literal interpretation and strict application of the ordinance in question would cause undue hardship to the sign user because of unique or unusual conditions pertaining to the property which do not apply generally to other properties in the Village. The Corporate Authorities also find: 1) the proposed signage is of particularly good design and particularly good taste; and 2) the Entire site has been or will be particularly well landscaped.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

Section 1. The preceding WHEREAS clauses are hereby adopted by the Corporate Authorities.

Section 2. A variation is hereby granted to Section 14.20.030 of the Buffalo Grove Sign Ordinance for the real property legally described as follows:

Lot 3 of the Woodland Commons Shopping Center and Commerce Center, being a subdivision of part of the South half of the Southeast quarter of Section 17 and the North half of the Northeast quarter of the Northeast quarter of Section 20 and the West half of the Northwestquarter of Section 21, all in Township 43 North, Range 11, East of the Third Principal Meridian, according to the plat thereof recorded July 5, 1990 as document 2921830, in Lake County, Illinois.

The specific variation will allow a wall sign on the East elevation of the Harris Bank Buffalo Grove located at 500 Half Day Road, Buffalo Grove, Illinois.

This variation is conditioned upon building the sign in compliance with plans submitted and approved by the Village of Buffalo Grove.

Section 3. This Ordinance shall be in effect from and after its passage and approval. This Ordinance shall not be codified.

AYES: 6 - Marienthal, reid, Kahn, Rubin, Braiman, Hendricks

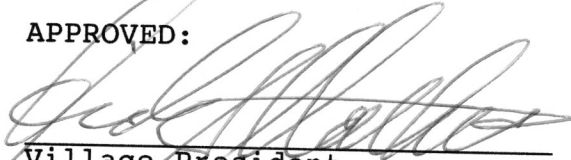
NAYES: 0 - None

ABSENT: 0 - None

PASSED: July 6, 1992.

APPROVED: July 6, 1992.

APPROVED:


Village President

ATTEST:


Janet M. Suralian
Village Clerk
by Jane L. Olson
Deputy Village Clerk

GRANTING VARIATIONS FROM CERTAIN SECTIONS
OF THE BUFFALO GROVE SIGN CODE

Harris Bank, 500 Half Day Road

WHEREAS, the Village of Buffalo Grove is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, request has been made by Icon Identity Solutions, 1418 Elmhurst Road, Elk Grove Village, Illinois on behalf of Harris Bank, 500 Half Day Road, the owner of the hereinafter legally described real property commonly known as 500 Half Day Road, for variance of Sign Code, Section 14.20.030, pertaining to Business Districts; and Section 14.20.080, pertaining to Wall Signs, for the purpose of allowing three (3) additional wall signs that do not face the public right-of-way.

WHEREAS, the Zoning Board of Appeals has held a public hearing, received testimony, prepared minutes, made certain findings, and has made an affirmative recommendation on the said request for variations; and

WHEREAS, the Corporate Authorities of the Village of Buffalo Grove hereby determine and find that said variations are in harmony with the general purpose and intent of the Sign Ordinance, and that (1) the requirements of the Sign Code would cause undue and unnecessary hardship to the sign user because of unique or unusual conditions pertaining to the property, (2) the granting of the requested variances will not be materially detrimental to the property owners in the vicinity, (3) the unusual conditions applying to the specific property do not apply generally to other properties in the Village, and (4) the granting of the variances will not be contrary to the general objective of the Sign Code of moderating the size, number and obtrusive placement of signs and the reduction of clutter.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

Section 1. The preceding WHEREAS clauses are hereby adopted by the Corporate Authorities and made a part hereof.

Section 2. Variations are hereby granted to Sections 14.20.030 and 14.20.080 of the Village Municipal Code to the Property legally described as follows:

Parcel "A" of Lot 3 of Woodland Commons Shopping and Commerce Center, being a Subdivision of part of the South half of the southeast quarter of Section 17 and the north half of the northeast quarter of the northeast quarter of Section 20, and the west half of the northwest quarter of Section 21, all in Township 43 north, Range 11, east of the Third Principal Meridian according to the Plat thereof recorded July 5, 1990 as Document 2921830, in Lake County, Illinois.

for the purpose of allowing an two (2) additional wall signs on the building at 500 Half Day Road that do not face the public right-of-way.

Section 3. The variations are subject to the following conditions:

A. Sign #4 as shown on Zoning Board of Appeals Exhibit "E2" shall be replaced with the same size sign as the existing sign.

B. Sign #8 as shown on Exhibit "E 3" to be replaced with the same size sign as the existing sign.

C. In all other respects the signs to be installed shall be in accordance with the exhibits submitted with the application for variations.

Section 4. This Ordinance shall be in effect from and after its passage and approval.

This Ordinance shall not be codified.

AYES: 6 - Braiman, Glover, Berman, Kahn, Trilling, Rubin

NAYES: 0 - None

ABSENT: 0 - None

PASSED: August 4, 2008.

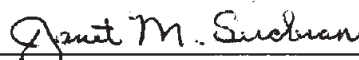
APPROVED: August 4, 2008.

APPROVED:



Village President

ATTEST:



Village Clerk

STATE OF ILLINOIS) ss.
COUNTY OF COOK)

CERTIFICATE

I, Janet M. Sirabian, certify that I am the duly elected and acting Village Clerk of the Village of Buffalo Grove, Cook and Lake Counties, Illinois. I further certify that on, August 4, 2008 the Corporate Authorities of the Village passed and approved Ordinance No. 2008-50, AN ORDINANCE GRANTING CERTAIN VARIATIONS TO THE VILLAGE OF BUFFALO GROVE SIGN CODE FOR HARRIS BANK, 500 HALF DAY RD. provided by its terms that it should be published in pamphlet form.

The pamphlet form of Ordinance No. 2008-50, including the Ordinance and a sheet thereof, was prepared, and a copy of such Ordinance was posted in and at the Village Hall, commencing on August 5, 2008 and continuing for at least ten days thereafter. Copies of such Ordinance were also available for public inspection upon request in the Office of Village Clerk.

Dated at Buffalo Grove, Illinois, this 5th day of August, 2008.

Janet M. Sirabian
Village Clerk

By Jane L. Olson

GRANTING VARIATIONS FROM CERTAIN SECTIONS
OF THE BUFFALO GROVE SIGN CODE

Harris Bank, 500 Half Day Road

WHEREAS, the Village of Buffalo Grove is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, request has been made by Icon Identity Solutions, 1418 Elmhurst Road, Elk Grove Village, Illinois on behalf of Harris Bank, 500 Half Day Road, the owner of the hereinafter legally described real property commonly known as 500 Half Day Road, for variance of Sign Code, Section 14.20.030, pertaining to Business Districts; and Section 14.20.080, pertaining to Wall Signs, for the purpose of allowing three (3) additional wall signs that do not face the public right-of-way.

WHEREAS, the Zoning Board of Appeals has held a public hearing, received testimony, prepared minutes, made certain findings, and has made an affirmative recommendation on the said request for variations; and

WHEREAS, the Corporate Authorities of the Village of Buffalo Grove hereby determine and find that said variations are in harmony with the general purpose and intent of the Sign Ordinance, and that (1) the requirements of the Sign Code would cause undue and unnecessary hardship to the sign user because of unique or unusual conditions pertaining to the property, (2) the granting of the requested variances will not be materially detrimental to the property owners in the vicinity, (3) the unusual conditions applying to the specific property do not apply generally to other properties in the Village, and (4) the granting of the variances will not be contrary to the general objective of the Sign Code of moderating the size, number and obtrusive placement of signs and the reduction of clutter.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

Section 1. The preceding WHEREAS clauses are hereby adopted by the Corporate Authorities and made a part hereof.

Section 2. Variations are hereby granted to Sections 14.20.030 and 14.20.080 of the Village Municipal Code to the Property legally described as follows:

Parcel "A" of Lot 3 of Woodland Commons Shopping and Commerce Center, being a Subdivision of part of the South half of the southeast quarter of Section 17 and the north half of the northeast quarter of the northeast quarter of Section 20, and the west half of the northwest quarter of Section 21, all in Township 43 north, Range 11, east of the Third Principal Meridian according to the Plat thereof recorded July 5, 1990 as Document 2921830, in Lake County, Illinois.

for the purpose of allowing an two (2) additional wall signs on the building at 500 Half Day Road that do not face the public right-of-way.

Section 3. The variations are subject to the following conditions:

A. Sign #4 as shown on Zoning Board of Appeals Exhibit "E2" shall be replaced with the same size sign as the existing sign.

B. Sign #8 as shown on Exhibit "E 3" to be replaced with the same size sign as the existing sign.

C. In all other respects the signs to be installed shall be in accordance with the exhibits submitted with the application for variations.

Section 4. This Ordinance shall be in effect from and after its passage and approval.

This Ordinance shall not be codified.

AYES: 6 - Braiman, Glover, Berman, Kahn, Trilling, Rubin

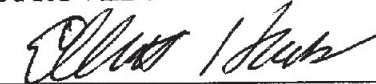
NAYES: 0 - None

ABSENT: 0 - None

PASSED: August 4, 2008.

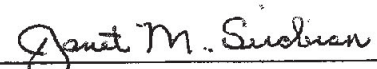
APPROVED: August 4, 2008.

APPROVED:



Village President

ATTEST:



Village Clerk

11/30/2011

ORDINANCE NO. 2011- 54

GRANTING VARIATIONS FROM CERTAIN SECTIONS
OF THE BUFFALO GROVE SIGN CODE

BMO Harris Bank at 500 Half Day Road

WHEREAS, the Village of Buffalo Grove is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the real property ("Property") hereinafter legally described is zoned in the B3 Planned Business Center District and is commonly known as 500 Half Day Road, Buffalo Grove, Illinois; and,

WHEREAS, request was made by Icon Identity Solutions, 1418 Elmhurst Road, Elk Grove Village, Illinois on behalf of BMO Harris Bank for variance of Sign Code Section 14.20.030, pertaining to Business Districts; and Section 14.20.080, pertaining to Wall Signs, for the purpose of replacing the existing east elevation wall sign that does not fact the public right-of-way with a new wall sign at 500 half Day Road; and

WHEREAS, the Zoning Board of Appeals held a public hearing at which it received testimony on the requested variations; and

WHEREAS, the Zoning Board of Appeals made certain findings of fact, made a positive recommendation for the variations, and prepared minutes of the public hearing; and

WHEREAS, the Corporate Authorities of the Village of Buffalo Grove hereby determine and find that the requested sign variations are in harmony with the general purpose and intent of the Sign Code (Title 14 of the Buffalo Grove Municipal Code) , and that (1) the requirements of the Sign Code would cause undue and unnecessary hardship to the sign user because of unique or unusual conditions pertaining to the property, (2) the granting of the requested variances will not be materially detrimental to the property owners in the vicinity, (3) the unusual conditions applying to the specific property do not apply generally to other properties in the Village, and (4) the granting of the variances will not be contrary to the general objective of the Sign Code of moderating the size, number and obtrusive placement of signs and the reduction of clutter.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

Section 1. The preceding WHEREAS clauses are hereby adopted by the Corporate Authorities and made a part hereof.

Section 2. Variations are hereby granted to Sections 14.20.030 and 14.20.080 of the Village Sign Code (Title 14 of the Buffalo Grove Municipal Code) for the purpose of replacing the existing east elevation wall sign that does not face the public right-of-way with a new wall sign at 500 Half Day Road which is legally described as follows and identified herein as the Property:

Parcel "A" of Lot 3 of Woodland Commons Shopping and Commerce Center, being a Subdivision of part of the South half of the southeast quarter of Section 17 and the north half of the northeast quarter of the northeast quarter of Section 20, and the west half of the northwest quarter of Section 21, all in Township 43 north, Range 11, east of the Third Principal Meridian according to the Plat thereof recorded July 5, 1990 as Document 2921830, in Lake County, Illinois.

Commonly known as: 500 Half Day Road, Buffalo Grove, Illinois 60089

Section 3. The variations are subject to the following conditions:

- A. The sign shall be installed pursuant to the Exhibits submitted to the Zoning Board of Appeals with the variation application, and
- B. Subject to the Appearance Review Team (ART) minutes dated November 4, 2011

Section 4. This Ordinance shall be in full force and effect from and after its passage, and approval. This Ordinance shall not be codified.

AYES: 6 – Berman, Trilling, Sussman, Terson, Stein, Ottenheimer

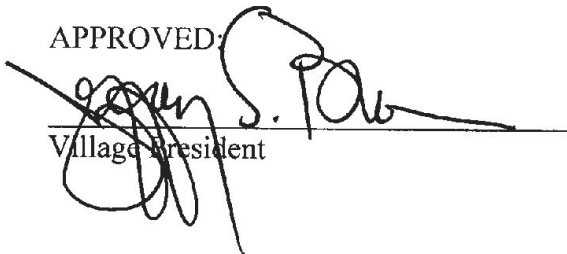
NAYES: 0 – None

ABSENT: 0 – None

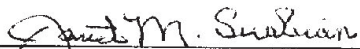
PASSED: December 5, 2011.

APPROVED December 5, 2011.

APPROVED:


Village President

ATTEST:


Village Clerk

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VILLAGE OF BUFFALO GROVE

STATE OF ILLINOIS)
Department of Finance & General Services) ss.
Fifty Raupp Blvd.)
Buffalo Grove, IL 60089-2100)
Phone 847-459-2500)
Fax 847-459-0332)

CERTIFICATE

I, Janet M. Sirabian, certify that I am the duly elected and acting Village Clerk of the Village of Buffalo Grove, Cook and Lake Counties, Illinois. I further certify that on November 7, 2011, the Corporate Authorities of the Village passed and approved Ordinance No. 2011-54 Granting variations from certain sections of the buffalo Grove Sign Code - BMO Harris Bank at 500 Half Day Road prepared, and a copy of such Ordinance was posted in and at the Village Hall, commencing on December 6, 2011 and continuing for at least ten days thereafter. Copies of such Ordinance were also available for public inspection upon request in the Office of Village Clerk.

Dated at Buffalo Grove, Illinois, this 6th day of December, 2011.

Janet M Sirabian
Village Clerk

By Jane L Olson

11/30/2011

ORDINANCE NO. 2011- 54

GRANTING VARIATIONS FROM CERTAIN SECTIONS
OF THE BUFFALO GROVE SIGN CODE

BMO Harris Bank at 500 Half Day Road

WHEREAS, the Village of Buffalo Grove is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the real property ("Property") hereinafter legally described is zoned in the B3 Planned Business Center District and is commonly known as 500 Half Day Road, Buffalo Grove, Illinois; and,

WHEREAS, request was made by Icon Identity Solutions, 1418 Elmhurst Road, Elk Grove Village, Illinois on behalf of BMO Harris Bank for variance of Sign Code Section 14.20.030, pertaining to Business Districts; and Section 14.20.080, pertaining to Wall Signs, for the purpose of replacing the existing east elevation wall sign that does not fact the public right-of-way with a new wall sign at 500 half Day Road; and

WHEREAS, the Zoning Board of Appeals held a public hearing at which it received testimony on the requested variations; and

WHEREAS, the Zoning Board of Appeals made certain findings of fact, made a positive recommendation for the variations, and prepared minutes of the public hearing; and

WHEREAS, the Corporate Authorities of the Village of Buffalo Grove hereby determine and find that the requested sign variations are in harmony with the general purpose and intent of the Sign Code (Title 14 of the Buffalo Grove Municipal Code) , and that (1) the requirements of the Sign Code would cause undue and unnecessary hardship to the sign user because of unique or unusual conditions pertaining to the property, (2) the granting of the requested variances will not be materially detrimental to the property owners in the vicinity, (3) the unusual conditions applying to the specific property do not apply generally to other properties in the Village, and (4) the granting of the variances will not be contrary to the general objective of the Sign Code of moderating the size, number and obtrusive placement of signs and the reduction of clutter.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

Section 1. The preceding WHEREAS clauses are hereby adopted by the Corporate Authorities and made a part hereof.

Section 2. Variations are hereby granted to Sections 14.20.030 and 14.20.080 of the Village Sign Code (Title 14 of the Buffalo Grove Municipal Code) for the purpose of replacing the existing east elevation wall sign that does not face the public right-of-way with a new wall sign at 500 Half Day Road which is legally described as follows and identified herein as the Property:

Parcel "A" of Lot 3 of Woodland Commons Shopping and Commerce Center, being a Subdivision of part of the South half of the southeast quarter of Section 17 and the north half of the northeast quarter of the northeast quarter of Section 20, and the west half of the northwest quarter of Section 21, all in Township 43 north, Range 11, east of the Third Principal Meridian according to the Plat thereof recorded July 5, 1990 as Document 2921830, in Lake County, Illinois.

Commonly known as: 500 Half Day Road, Buffalo Grove, Illinois 60089

Section 3. The variations are subject to the following conditions:

- A. The sign shall be installed pursuant to the Exhibits submitted to the Zoning Board of Appeals with the variation application, and
- B. Subject to the Appearance Review Team (ART) minutes dated November 4, 2011

Section 4. This Ordinance shall be in full force and effect from and after its passage, and approval. This Ordinance shall not be codified.

AYES: 6 – Berman, Trilling, Sussman, Terson, Stein, Ottenheimer

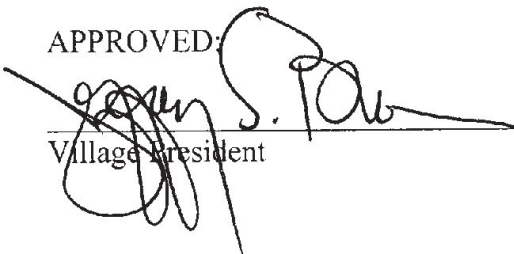
NAYES: 0 – None

ABSENT: 0 – None

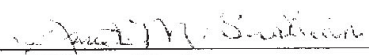
PASSED: December 5, 2011.

APPROVED December 5, 2011.

APPROVED:


Village President

ATTEST:


Village Clerk

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**MINUTES OF THE REGULAR MEETING OF THE PLANNING AND ZONING COMMISSION OF THE
VILLAGE OF BUFFALO GROVE HELD IN THE COUNCIL CHAMBERS, 50 RAUPP BOULEVARD,
BUFFALO GROVE, ILLINOIS ON WEDNESDAY, MARCH 6, 2024**

Call to Order

The meeting was called to order at 7:30 PM by Commissioner Kevin Richards

Public Hearings/Items For Consideration

1. Consideration of Multiple Variations to Title 14 (Sign Code) to Allow BMO Harris Bank to Replace a Wall Sign on the East Elevation of the Building at 500 W Half Day Road (Trustee Weidenfeld) (Staff Contact: Andrew Binder)

Binder, Associate Planner, provided a background on the subject property and the request.

Com. Worlikar asked if the new sign is a part of BMO Harris's new corporate standard.

Binder stated that he believes to be the case.

Bill Holly, Bright Light Sign Company, was sworn in as the Petitioner and gave an overview of the request. He indicated that the building does not have a freestanding sign or a tenant panel sign and this proposed sign along the east elevation will help with the identification of the business for cars traveling west along Half Day Road.

Com. Au asked about the size of the sign and if the new sign will be the same size as the existing "BMO" and logo.

Petitioner indicated that they are similar in size.

Com. Moodhe asked about the lumen output of the sign.

Petitioner indicated that he was unsure of the lumen output of the sign.

Com. Spunt asked about the shortened name of the business.

Petitioner indicated he wasn't sure why they were changing the name.

Com. Spunt asked about the location of the sign and its visibility.

Petitioner responded that they wanted to take advantage of the flat facia, and increase visibility from the shopping center.

The public hearing closed at 7:45 PM.

Commissioner Moodhe made a motion to make positive recommendation to the Village Board for approval of the variations to Title 14 (Sign Code) of the Village Code to allow more than two wall signs on the building, to allow a wall sign on the east elevation that does not face a public right-of-way, and to allow a wall sign larger in size than the wall sign over the primary entrance at the BMO Harris Bank located at 500 W Half Day Road subject to the following conditions:

1. *The wall sign shall be installed in accordance with the documents and plans submitted as part of this petition.*
2. *The Petitioner shall comply with all applicable Village codes, regulations, and policies.*

Com. Spunt seconded the motion.

Com. Moodhe spoke in favor of the motion due to the east elevation being quite visible from the public ROW. He continued that this limitation should be changed when we update our sign code.

Com Worlikar spoke in favor of the motion and indicated that the sign variation is equivalent to and consistent with other sign variations we have granted and will help with the business's visibility.

Vice Chairman Richards spoke in favor of the motion as the request makes perfect sense. He indicated that it provides visibility for the business.

RESULT:	APPROVED [UNANIMOUS]
AYES:	Moodhe, Spunt, Au, Richards, Worlikar, Davis, Saxena
ABSENT:	Mitchell Weinstein

Regular Meeting

Other Matters for Discussion

Approval of Minutes

1. Planning and Zoning Commission - Regular Meeting - Jan 17, 2024 7:30 PM

RESULT:	ACCEPTED [5 TO 0]
AYES:	Moodhe, Spunt, Richards, Davis, Saxena
ABSTAIN:	Amy Au, Neil Worlikar
ABSENT:	Mitchell Weinstein

Chairman's Report

None

Committee and Liaison Reports

Committee Liaison provided an update on the last Village Board Meeting.

Staff Report/Future Agenda Schedule

Staff provided information on the future agenda schedule and OMA compliance trainings.

Public Comments and Questions

None

Adjournment

The meeting was adjourned at 7:51 PM

03/6/2024

Kelly Purvis

APPROVED BY ME THIS 6th DAY OF March, 2024

Mitchell Weinstein, Commissioner



Ordinance with Purchase : Ordinance Approving an Agreement with Flock for Automated License Plate Recognition Cameras

Summary

Staff recommends approval.

Recommended Motion

SUMMARY: The Buffalo Grove Police Department is requesting to be authorized to execute an agreement with Flock to provide automated license plate recognition cameras (ALPR's) in designated locations throughout the Village.

ATTACHMENTS:

1. ALPR purchase memo to VM
2. Flock Ordinance
3. IL - Buffalo Grove PD - Law Enforcement Agreement

Trustee Liason

Trustee Ottenheimer

Staff Contact

Brian Budds, Police Chief



DATE: March 12, 2024

TO: Dane Bragg, Village Manager

FROM: Brian Budds, Chief of Police

RE: Implementation of Automated License Plate Recognition (ALPR) Program

Recommendation

Staff is requesting the Village Manager to be authorized to execute an agreement with Flock Group Inc., in the amount of \$230,100.00, not to exceed \$253,110, pending final review and approval of the agreement by the Village Attorney. The not-to-exceed cost includes a ten percent contingency the Village Manager may authorize.

Project Overview

Staff negotiated an agreement with Flock Group Inc., to provide automated license plate recognition cameras (ALPR's) in designated locations throughout the Village. The overall cost of the project is \$230,100; not to exceed \$253,110, spread over a period of 5 years utilizing all Flock Group, Inc. equipment and poles. Staff reviewed pricing for the technology for an annual and five-year agreement. Through engaging Flock Group Inc. in a five-year term, and with little expectation of the hardware technology changing, the Village ensures service without cost increases set to take effect in April of 2024. Due to the length of the agreement, it was critical the Village Attorney and staff negotiated satisfactory terms, such that the implementation begins after the camera validation is completed by Flock Group Inc. The Flock Group Inc. is the only vendor with the technology and network available in our area.

The cost of the project includes an annual assessment for the lease of the hardware and utilization of the network platform. We are partnering with our Public Works Department and relying on their recommendation of utilizing the vendor's poles rather than existing light poles which are not designed to carry the extra weight or wind resistance forces.

Billing Schedule	Amount (USD)
Year 1 – Camera validation and installation	\$48,100.00
Year 2 – Lease of hardware and network utilization	\$45,500.00
Year 3 – Lease of hardware and network utilization	\$45,500.00
Year 4 – Lease of hardware and network utilization	\$45,500.00
Year 5 – Lease of hardware and network utilization	\$45,500.00
Contract Total	\$230,100.00
Village Manager Contingency (10%)	\$23,010.00
Total Price Not to Exceed	\$253,110.00

The contract includes a site and safety assessment, permitting through the applicable county or Illinois Department of Transportation, camera installation, setup, and testing. As part of the negotiated agreement, authorized Buffalo Grove police personnel will have full access for unlimited users to Flock devices in state and nationwide networks.

FlockOS Features	Description
Community Cameras (Full Access)	Access to all privately owned Flock devices within your jurisdiction that have been shared with you.
Unlimited Users	Unlimited users for FlockOS
State Network (LP Lookup Only)	Allows agencies to look up license plates on all cameras opted in to the statewide Flock network.
Nationwide Network (LP Lookup Only)	Allows agencies to look up license plates on all cameras opted in to the nationwide Flock network.
Direct Share - Surrounding Jurisdiction (Full Access)	Access to all Flock devices owned by law enforcement that have been directly shared with you. Have ability to search by vehicle fingerprint, receive hot list alerts, and view devices on the map.
Time & Location Based Search	Search full, partial, and temporary plates by time at particular device locations
License Plate Lookup	Look up specific license plate location history captured on Flock devices
Vehicle Fingerprint Search	Search footage using Vehicle Fingerprint™ technology. Access vehicle type, make, color, license plate state, missing / covered plates, and other unique features like bumper stickers, decals, and roof racks.
Flock Insights/Analytics page	Reporting tool to help administrators manage their LPR program with device performance data, user and network audits, plate read reports, hot list alert reports, event logs, and outcome reports.
ESRI Based Map Interface	Flock Safety's maps are powered by ESRI, which offers the ability for 3D visualization, viewing of floor plans, and layering of external GIS data, such as City infrastructure (i.e., public facilities, transit systems, utilities), Boundary mapping (i.e., precincts, county lines, beat maps), and Interior floor plans (i.e., hospitals, corporate campuses, universities)
Real-Time NCIC Alerts on Flock ALPR Cameras	Alert sent when a vehicle entered into the NCIC crime database passes by a Flock camera
Unlimited Custom Hot Lists	Ability to add a suspect's license plate to a custom list and get alerted when it passes by a Flock camera

Background

Based in Georgia and founded in 2017, Flock Group Inc. operates as a developer of an automatic license plate recognition camera system that optically scans vehicle license plates. Flock Safety technology helps lower crime rates for neighborhoods, businesses, and police departments in 1,200 cities with more than 5000 cameras operational across the nation.

ALPR cameras are becoming increasingly important in law enforcement agencies around the world. The system consists of an outdoor camera that can track cars, record license plates, and provide data to law enforcement officers to query for various characteristics of a suspect vehicle, including make and model, color, paper plates, and attributes that observers may not notice even if they don't see a license plate at the scene of the crime, like a specific bumper color. The technology has been accepted in criminal court cases and has passed the "Frye Standard" which is a judicial test used in state courts to determine the admissibility of scientific evidence.

The following examples demonstrate actual successful uses of Flock ALPR camera and network sharing amongst local law enforcement agencies:

- **Utilization of an algorithm to identify vehicles**

In 2021 the Village of Gurnee experienced a shooting that left one person dead in the parking lot of their largest shopping mall. Based on grainy surveillance camera images the offender's vehicle was identified as a two-door coupe with a wide stripe down the center. Utilizing this vague description, a search of the Flock network captured several vehicle license plates. When contacting the owner of one of the vehicles, a bullet hole

was found in the hood of the car which led to the identity of all the people involved in the shooting.

- **Date and time license plate captures**

In December of 2023, the BMO Harris bank on Half Day Rd. in Buffalo Grove was robbed by a man claiming to be armed with a gun. Although the man made no attempt to conceal his facial features, he did remove the license plates from the Mazda SUV he used. The Flock network was used to track the vehicle from Wisconsin based on the make, model, and the absence of license plates to the area of the robbery. The man was later arrested in Wisconsin and charged federally.

- **Network collaboration**

Working with other jurisdictions to ensure a collaborative community of coverage will increase the success of the program. Every jurisdiction bordering Buffalo Grove utilizes the technology with Vernon Hills leading the initiative with 27 devices, Wheeling has nine, Deerfield has four, and Riverwoods has two. The placement of our proposed cameras considers existing or proposed units in other towns.

The proposed ALPR locations contained below are proximate and may be adjusted based on existing infrastructure limitations.

Direction Capturing	Roadway	Permit Required
Westbound	Dundee Rd. at Cambridge	IDOT
Eastbound	Dundee Rd. at Trace	IDOT
Northbound	Arlington Heights Rd. at Mill Creek Park	None
Northbound	Buffalo Grove Rd. at Cambridge Park	None
Northbound	Milwaukee Ave. at Johnson	Lake County
Eastbound	Lake Cook Rd. at Arlington Heights Rd.	Private Property
Eastbound	McHenry Rd. at Old Rt. 53	IDOT
Eastbound	Half Day Rd. at Buffalo Grove Rd.	IDOT
Westbound	Half Day Rd. at Taylor St.	IDOT
Northbound	McHenry Rd. at Lake Cook Rd.	IDOT
Northbound	Weiland Rd. at Lake Cook Rd.	None
Westbound	Deerfield Pkwy. at Milwaukee Ave.	Lake County
Westbound	Aptakisic & Barclay (requires pole install)	Lake County

ALPR cameras have proven to be a valuable law enforcement tool and this proposed technology aims to help identify those members of society who would seek to victimize members of our community.

Next Steps

Staff expects the permitting process to begin during the second quarter of this year, and installation of the new devices to be completed during the end of the third quarter or beginning of the fourth. During the negotiations process, Flock Group Inc. has allowed unlimited access to shared Flock devices.

As ALPR's are new to Buffalo Grove, the Village Communications Department will launch a public education campaign to include general information on this technology.

**AN ORDINANCE AUTHORIZING EXECUTION OF AN AGREEMENT WITH FLOCK GROUP INC., FOR
AUTOMATED LICENSE PLATE RECOGNITION CAMERAS**

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village sought out companies qualified to provide the requested services and materials; and

WHEREAS, the Village engaged in a competitive procurement process to obtain the best value for money.

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Village Manager is authorized to execute an agreement with Flock Group Inc., for Automated License Plate Recognition Cameras at a price not to exceed \$253,110.00, pending review and approval by the Village Attorney. The not to exceed price includes the ten percent contingency.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and not be codified.

AYES: _____

NAYES: _____

ABSENT: _____

PASSED: _____, 2024

APPROVED: _____, 2024

APPROVED:

Eric N. Smith, Village President

ATTEST:

Janet Sirabian, Village Clerk

Flock Safety + IL - Buffalo Grove PD

Flock Group Inc.
1170 Howell Mill Rd, Suite 210
Atlanta, GA 30318

MAIN CONTACT:
Dan Murdock
dan.murdock@flocksafety.com
3124153858



EXHIBIT A
ORDER FORM

Customer: IL - Buffalo Grove PD
Legal Entity Name: IL - Buffalo Grove PD
Accounts Payable Email: bspolar@vbg.org
Address: 46 Rupp Blvd Buffalo Grove, Illinois 60089

Initial Term: 60 Months
Renewal Term: 24 Months
Payment Terms: Net 30
Billing Frequency: Annual Plan - Invoiced at First Camera Validation.
Retention Period: 30 Days

Hardware and Software Products

Annual recurring amounts over subscription term

Item	Cost	Quantity	Total
Flock Safety Platform			\$45,500.00
Flock Safety Flock OS			
FlockOS™ - Essentials	Included	1	Included
Flock Safety LPR Products			
Flock Safety Falcon® - Financed Install Fee	Included	10	Included
Flock Safety Falcon®	Included	4	Included

Professional Services and One Time Purchases

Item	Cost	Quantity	Total
One Time Fees			
Flock Safety Professional Services			
Professional Services - Advanced Implementation Fee	\$0.00	10	\$0.00
Professional Services - Standard Implementation Fee	\$650.00	4	\$2,600.00

Subtotal Year 1: \$48,100.00
Annual Recurring Subtotal: \$45,500.00
Estimated Tax: \$0.00
Contract Total: \$230,100.00

*Taxes shown above are provided as an estimate. Actual taxes are the responsibility of the Customer. This Agreement will automatically renew for successive renewal terms of the greater of one year or the length set forth on the Order Form (each, a “**Renewal Term**”) unless either Party gives the other Party notice of non-renewal at least thirty (30) days prior to the end of the then-current term.*

Billing Schedule

Billing Schedule	Amount (USD)
Year 1	
At First Camera Validation	\$48,100.00
Annual Recurring after Year 1	\$45,500.00
Contract Total	\$230,100.00

*Tax not included

Product and Services Description

Flock Safety Platform Items	Product Description	Terms
FlockOST™	Flock Safety's situational awareness operating system.	
Flock Safety Falcon ®	An infrastructure-free license plate reader camera that utilizes Vehicle Fingerprint® technology to capture vehicular attributes.	The Term shall commence upon first installation and validation of Flock Hardware.

One-Time Fees	Service Description
Installation on existing infrastructure	One-time Professional Services engagement. Includes site & safety assessment, camera setup & testing, and shipping & handling in accordance with the Flock Safety Advanced Implementation Service Brief.
Professional Services - Standard Implementation Fee	One-time Professional Services engagement. Includes site and safety assessment, camera setup and testing, and shipping and handling in accordance with the Flock Safety Standard Implementation Service Brief.
Professional Services - Advanced Implementation Fee	One-time Professional Services engagement. Includes site & safety assessment, camera setup & testing, and shipping & handling in accordance with the Flock Safety Advanced Implementation Service Brief.

FlockOS Features & Description

FlockOS Features	Description
Community Network Access	The ability to request direct access to feeds from privately owned Flock Safety Falcon® LPR cameras located in neighborhoods, schools, and businesses in your community, significantly increasing actionable evidence that clears cases.
Unlimited Users	Unlimited users for FlockOS
State Network (License Plate Lookup Only)	Allows agencies to look up license plates on all cameras opted into the Flock Safety network within your state.
Nationwide Network (License Plate Lookup Only)	With the vast Flock Safety sharing network, law enforcement agencies no longer have to rely on just their devices alone. Agencies can leverage a nationwide system boasting 10 billion additional plate reads per month to amplify the potential to collect vital evidence in otherwise dead-end investigations.
Law Enforcement Network Access	The ability to request direct access to evidence detection devices from Law Enforcement agencies outside of your jurisdiction.
Time & Location Based Search	Search full, partial, and temporary plates by time at particular device locations
License Plate Lookup	Look up specific license plate location history captured on Flock devices
Vehicle Fingerprint Search	Search footage using Vehicle Fingerprint™ technology. Access vehicle type, make, color, license plate state, missing / covered plates, and other unique features like bumper stickers, decals, and roof racks.
Insights & Analytics	Reporting tool to help administrators manage their LPR program with device performance data, user and network audits, plate read reports, hot list alert reports, event logs, and outcome reports.
ESRI Based Map Interface	Map-based interface that consolidates all data streams and the locations of each connected asset, enabling greater situational awareness and a common operating picture.
Real-Time NCIC Alerts on Flock ALPR Cameras	Receive automated alerts when vehicles entered into established databases for missing and wanted persons are detected, including the FBI's National Crime Information Center (NCIC) and National Center for Missing & Exploited Children (NCMEC) databases.
Unlimited Custom Hot Lists	Ability to add a suspect's license plate to a custom list and get alerted when it passes by a Flock camera

By executing this Order Form, Customer represents and warrants that it has read and agrees all of the terms and conditions contained in the Terms of Service located at <https://www.flocksafety.com/terms-and-conditions>

The Parties have executed this Agreement as of the dates set forth below.

FLOCK GROUP, INC.

Customer: IL - Buffalo Grove PD

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

PO Number: _____



**Ordinance with Purchase : Authorization to Purchase
Four (4) 2025 Ford Police Utility Vehicles from Currie
Motors**

Summary

Staff recommends approval.

Recommended Motion

SUMMARY: Staff recommends that the Village Board authorize the Village Manager to purchase four (4) Ford Police Utility Vehicles from Currie Motors, through the Northwest Municipal Conference Suburban Purchasing Cooperative in accordance with the Illinois Joint Purchasing Act (30 ILCS 525/0.01 et seq.), in a total not to exceed amount of \$183,287.00.

ATTACHMENTS:

1. SPC Memo 2024 - Police Fleet Replacement Vehicles
2. 2024 Police Department Fleet Replacement Ordinance
3. 2025-Ford-Utility-Contract-204.pdf.aspx 723 & 727
4. 2025-Ford-Utility-Contract-204.pdf.aspx 726
5. 2025-Ford-Utility-Contract-204.pdf.aspx 743 (1)

Trustee Liason

Trustee Bocek

Staff Contact

James Warnstedt, Deputy Public Works
Director



DATE: March 8, 2024

TO: Dane Bragg, Village Manager

FROM: Brett Robinson, Administrative Services Director

RE: Police Fleet Replacement Vehicles

Recommendation

Staff recommends that the Village Board authorize the Village Manager to purchase four (4) Ford Police Utility Vehicles from Currie Motors, through the Northwest Municipal Conference Suburban Purchasing Cooperative in accordance with the Illinois Joint Purchasing Act (30 ILCS 525/0.01 et seq.), in a total not to exceed amount of \$183,287.00.

Background Information

Staff requests authorization to purchase four 2025 Ford Police Utility Vehicles, for the Police Department. These units are scheduled replacements in Fiscal Year 2024. These units will be procured through the Suburban Purchasing Cooperative/Northwest Municipal Conference. All units are fully funded in the capital reserve and upfitting will be performed under a separate contract.

The units scheduled for replacement:

723. A 2016 Ford Utility Interceptor, 122,987 miles currently shows on the odometer. This unit is due to be replaced as it is no longer in a condition that makes it wise to continue its service with the Police Department. The unit will be sold for asset recovery. This vehicle will be replaced with a 2025 Ford Police Utility Vehicle at a cost of \$45,730.00.

726. A 2015 Ford Police Utility Vehicle, 67,302 miles currently shows on the odometer. This unit is due to be replaced as it is no longer in a condition that makes it wise to continue its service with the Police Department. The unit will be sold for asset recovery. This vehicle will be replaced with a 2025 Ford Police Utility Vehicle at a cost of \$46,097.00.

727. A 2016 Ford Police Utility Vehicle, 56,351 miles currently shows on the odometer. This unit is due to be replaced as it is no longer in a condition that makes it wise to continue its service with the Police Department. The unit will be sold for asset recovery. This vehicle will be replaced with a 2025 Ford Police Utility Vehicle at a cost of \$45,730.00.

743. A 2015 Ford Police Utility Vehicle, 79,544 miles currently shows on the odometer. This unit is due to be replaced as it is no longer in a condition that makes it wise to continue its service with the Police Department. The unit will be sold for asset recovery. This vehicle will be replaced with a 2025 Ford Police Utility Vehicle at a cost of \$45,703.00.

ORDINANCE 2024-_____

AN ORDINANCE AUTHORIZING THE PURCHASE OF FOUR (4) 2025 FORD POLICE UTILITY VEHICLES FROM CURRIE MOTORS

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village of Buffalo Grove Police Department requires the replacement of Four (4) Ford Police Utility Vehicles; and

WHEREAS, the Village Board engaged in a competitive procurement process to obtain the best value for money.

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Village Board has authorized the Village Manager to purchase four (4) 2023 Ford Police Utility Vehicles from Currie Motors, in an amount not to exceed \$183,287.00.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and not be codified.

AYES: _____

NAYES: _____

ABSENT: _____

PASSED: _____, 2024

APPROVED: _____, 2024

APPROVED:

Eric N. Smith, Village President

ATTEST:

Janet Sirabian, Village Clerk



2025 Ford Utility Interceptor Contract #204

\$47,615.00



Currie Motors Fleet

Nice People to do Business With!

Production Begins May 2024

Hybrid Motors are Late Availability

2025 Model Year is Allocation Based upon Sales History and Subject to Commodity Restrictions



2025 Ford Utility Interceptor

\$47,615.00

Standard Features

MECHANICAL ● 3.3L Police-Calibrated V6 Direct-Injection Hybrid Engine System –Standard ● AWD Drivetrain Transmission – 10-speed automatic, police calibrated ● Lithium-Ion Battery Pack ● Brakes – Police calibrated high-performance regenerative braking system (Hybrid Only) ● 4-Wheel heavy-duty disc w/heavy-duty front and rear calipers ● Brake Rotors – large mass for high thermal capacity and calipers with large swept area. ● Electric Power-Assist Steering (EPAS) – Heavy-Duty ● DC/DC converter – 220-Amp ● Cooling System – Heavy-duty, Engine oil cooler and transmission oil cooler ● Engine Idle Hour Meter ● Powertrain mounts – Heavy-Duty ● Class III Trailer Hitch Receiver and (2) recovery hooks ● Class III Trailer Tow Lighting Package ● Wheels— Heavy-duty steel, vented with center cap— Full size spare tire w/TPMS ● 50-State Emissions System ● H8 AGM Battery ● **Engine Idle Control** ● Manual Police Pursuit Mode

EXTERIOR ● Antenna, Roof-mounted ● Cladding – Lower body-side cladding ● Door Handles – Black ● Exhaust, True Dual ● **Daytime Running Lamps – Configurable ON/OFF through instrument cluster** ● Door-Lock Cylinders (Front Driver / Passenger / Lift-gate) ● Glass – 2nd Row, Rear Quarter and Lift-gate Privacy Glass ● Grille – Black ● Headlamps – Automatic, LED Low-and-High-Beam ● Lift-gate – Manual 1-Piece – Fixed Glass w/Door-Lock Cylinder ● Mirrors – **Black Caps** **Power Electric Remote Heated Manual Folding with Integrated Spotter** ● Spare – Full size 18" Tire w/TPMS ● Spoiler – Painted Black ● Lift-gate Handle ● Tail lamps – LED ● Tires – 255/60R18 A/S BSW ● Wheel-Lip Molding – Black ● Wheels – 18" x 8.0 painted black steel with polished stainless steel hub cover ● Windshield – Acoustic Laminated ● **Unity LED Drivers Spot Light** ● **Rear Tail Light Housing**

INTERIOR/COMFORT ● Cargo Hooks in cargo area ● Climate Control – Dual-Zone Electronic Automatic Temperature Control ● Door-Locks— Power ● **Rear-Door Handles and Locks In-Operable** ● Fixed Pedals (Driver Dead Pedal) ● Floor – Heavy-Duty Thermoplastic Elastomer ● Glove Box – Locking/non-illuminated ● Grab Handles ● Heated Sanitization Solution ● **Lift gate Release Switch located in overhead console (45 second timeout feature)** ● Lighting— Overhead Console— Red/White Task Lighting in Overhead Console— 3rd row overhead map light ● Mirror – Day/night Rear View ● Particulate Air Filter ● Power points – (1) First Row ● Rear-door closeout panels ● Rear-window Defrost ● Scuff Plates – Front & Rear ● Seats— 1st Row Police Grade Cloth Trim, Dual Front Buckets with reduced bolsters — 1st Row – Driver 6-way lower track (fore/aft. Up/down, tilt with manual recline, 2-way manual lumbar) — 1st Row – passenger 2-way manual track (fore/aft. with manual recline) — Built-in steel intrusion plates in both driver/passenger seatbacks — 2nd Row Vinyl, 35/30/35 Split Bench Seat (manual fold-flat, no tumble) ● Speed (Cruise) Control ● Speedometer –

Calibrated (includes digital readout) •Steering Wheel – Manual / Tilt / Telescoping, Speed Controls and 4 user – configurable latching switches Sun visors, color-keyed, non-illuminated •Universal Top Tray – Center of I/P for mounting aftermarket equipment •Windows, Power, 1-touch Up/Down Front Driver/Passenger-Side with disable feature • **Power Passenger Seat • Courtesy Lights Disabled • Rear Dome Light •Aux. Rear A/C**

SAFETY/SECURITY •Advance Trac® w/RSC® •Airbags, dual-stage driver & front-passenger, side seat, passenger-side knee, Roll Curtain Airbags and Safety Canopy®•Anti-Lock Brakes (ABS) with Traction Control • Brakes – Police calibrated high-performance regenerative braking system •Belt-Minder® (Front Driver / Passenger)•Child-Safety Locks •Individual Tire Pressure Monitoring System (TPMS)•LATCH (Lower Anchors and Tethers for Children) system on rear outboard seat locations •**Rearview Camera viewable on 8"Center Stack** • Seat Belts, Pretensioner /Energy-Management System w/adjustable height in 1st Row •SOS Post-Crash Alert System™• Perimeter Alert • **Remote Keyless Fob •BLIS •Cross Traffic Brake Assist •Pre-Collision Mitigation System •Reverse Sensing System**

Police Up-fit Friendly •Consistent 11-inch space between driver and passenger seats for aftermarket consoles (9-inch center console mounting plate)•Console mounting plate •Dash pass-thru opening for aftermarket wiring •Headliner- easy to service •Two (2) 50 amp battery ground circuits – power distribution junction block (repositioned behind 2nd row seat floorboard). • **Grill Wiring •100 Watt siren/Speaker Prep Kit**

Functional •Audio— AM/FM / MP3 Capable / Clock / 4-speakers— SYNC® interface — Includes hands-free voice command support — USB Port — (1) — 8" Color LCD Screen Center- Stack "Smart Display"• Easy Fuel® Capless Fuel-Filler •Fleet Telematics Modem to support Ford Pro™ Telematics •Front door tether straps (driver/passenger)•Power pigtail harness •Simple Fleet Key; 4-keys•Two-way radio pre-wire •Two (2) 50 amp battery power circuits – power distribution junction block (behind 2nd row passenger seat floorboard)•Wipers – Front Speed- Sensitive Intermittent; Rear Dual Speed Wiper •Up fitter Interface System •PAITRO output tied to lift gate release switch •3 Year 36,000 Mile Warranty-5 Year 100,000 mile Powertrain Warranty •Delivery under 75 miles



Models

☐	K8A	2025 Utility Interceptor Hybrid-Late Availability	47,615.00
☐			
☐			
☐			
☐			
☐			
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☐			
☐			

OPTIONS-Mechanical/Functional

☒	99B-3.3L V-6 TI-VCT Motor NA with 99C Motor	-2661.00
☐	99C-3.0L Eco boost	893.00
☐	76D-Deflector Plate (engine and transmission shield)	320.00
☐	41H-Block Heater	179.00
☐	18X-100 Watt Siren Speaker (includes bracket and pig tail)	329.00
☐	60R-Noise Suppression	94.00
☐	67U-Ultimate Wiring Kit	602.00
☐	67V-Connector Kit	188.00
☐	85D-Front Console Mounting Plate Delete (NA with 67H, 67U, 85R)	NC
☐	85R-Rear Mounting Plate (NA with 65U, 85D)	56.00
☐	67H Ready For the Road Package-OEM Lighting and Wiring Package	3,532.00
☐	18D-Global Lock/Unlock- Deletes 45 second Lift Gate Lock Release	N/C

Options-Exterior

☐	16P Rear Bumper Step Pad	94.00
☐	65L 18" Wheel Covers	65.00
☒	Keyed Alike CODE _____	47.00
☐	942-Daytime Running Light-Cannot be Reprogrammed	47.00
☐	68G- Rear Door Locks Inoperable	STD
☐	52P-Hidden Door Lock Plunger Includes 68G	150.00
☐	43A-Rear Auxiliary Lights	376.00
☐	96T-Rear Spoiler Traffic Light-Compatible with Interior Upgrade Package	1,410.00
☒	51P-Drivers Side Spot Light Prep	132.00
☐	51S-Dual Spot Lights-Unity	582.00
☒	51T-Drivers Spot Light-Whelen	394.00
☐	51V-Dual Spot Lights-Whelen	629.00
☐	51W-Dual Spot Prep	264.00
☐	Spot Light Delete	-376.00
☐	63B-Side Marker Lights	320.00
☐	63L-Quarter Glass Lights	546.00
☐	66A-Front Headlamp Package	846.00
☐	66B-Tail Lamp Package	405.00
☐	66C-Rear Light Package	432.00
☐	16D-Badge Delete	N/C
☐	21L Front Auxiliary Light	546.00

Options-Interior

☐	47E 12.1" Integrated Computer Screen	3,478.00
☐	63V Cargo Vault (Lockable Small Compartment)	253.00
☐	65U Interior Upgrade Package	367.00
☐	92R Solar Tint 2 nd Row (Deletes Privacy Glass)	85.00
☐	92G Solar Tint 2 nd Row and Cargo Area (Deletes Privacy Glass)	112.00
☐	87M 4" Rear Camera (1/4 size Picture in Picture in Upper Left Quadrant of Display)	N/C
☐		

☐	16C Carpet Floor Covering	141.00
☐	F6 Ebony Cloth Seating	51.00
☐	90D Ballistic Door Panels (Level III +)-Driver Front Door Only	1495.00
☐	90E Ballistic Door Panels (Level III+)- Driver and Passenger Front Doors Only	2979.00
☐	90F Ballistic Door Panels (Level IV+)- Driver Front Door Only	2274.00
☐	90G Ballistic Door Panels (Level IV +)- Driver and Passenger Front Doors Only	4541.00
☐		
☐		

Exterior Colors

☐	E4-Vermillion Red	
☐	JS-Iconic Silver	
☐	LK-Dark Blue	
☐	LM-Royal Blue	
☐	M7-Carbonized Gray	
☐	TN-Silver Grey Metallic	
☐	UJ-Sterling Gray	
☐	UM-Agate Black	
☒	YZ-Oxford White	
☐		

Miscellaneous Options

☐	4-Corner LED Amber Strobes	1,395.00
☐	Rustproofing (Does Not Include Undercoating)	395.00
☐	Delivery Over 75 Miles	250.00
☒	Certificate of Origin (Customer to Complete Licensing)	N/C
☒	License and Title- Municipal Municipal Police	203.00
☐	Passenger Title and Plates	351.00
☐		

Title Name	Village of Buffalo Grove
Title Address	51 Raupp Blvd
Title City	Buffalo Grove
Title Zip Code	60089
Contact Name	Josh Wallace
Phone Number	847-459-2579
PO Number	
FIN CODE	
Tax Exempt Number	
Total Dollar Amount	91,460
Delivery Address	50 Raupp Blvd
	Buffalo Grove

***Orders Require Signed Original Purchase Order and Tax Exempt Letter Submitted to:**

Currie Motors Commercial Center

10125 W Laraway

Frankfort IL 60423

PHONE: (815) 412-3227

Tom Sullivan

tsullivan@curriemotors.com

Phone: (815)464-9200

Nic Cortellini

ncortellini@curriemotors.com

Production is based upon Plant Scheduling and Commodity Restrictions Subject to Cancellation

Payment Due at Time of Delivery



2025 Ford Utility Interceptor Contract #204

\$47,615.00



Currie Motors Fleet

Nice People to do Business With!

Production Begins May 2024

Hybrid Motors are Late Availability

2025 Model Year is Allocation Based upon Sales History and Subject to Commodity Restrictions



2025 Ford Utility Interceptor

\$47,615.00

Standard Features

MECHANICAL ● 3.3L Police-Calibrated V6 Direct-Injection Hybrid Engine System –Standard ● AWD Drivetrain Transmission – 10-speed automatic, police calibrated ● Lithium-Ion Battery Pack ● Brakes – Police calibrated high-performance regenerative braking system (Hybrid Only) ● 4-Wheel heavy-duty disc w/heavy-duty front and rear calipers ● Brake Rotors – large mass for high thermal capacity and calipers with large swept area. ● Electric Power-Assist Steering (EPAS) – Heavy-Duty ● DC/DC converter – 220-Amp ● Cooling System – Heavy-duty, Engine oil cooler and transmission oil cooler ● Engine Idle Hour Meter ● Powertrain mounts – Heavy-Duty ● Class III Trailer Hitch Receiver and (2) recovery hooks ● Class III Trailer Tow Lighting Package ● Wheels— Heavy-duty steel, vented with center cap— Full size spare tire w/TPMS ● 50-State Emissions System ● H8 AGM Battery ● **Engine Idle Control** ● Manual Police Pursuit Mode

EXTERIOR ● Antenna, Roof-mounted ● Cladding – Lower body-side cladding ● Door Handles – Black ● Exhaust, True Dual ● **Daytime Running Lamps – Configurable ON/OFF through instrument cluster** ● Door-Lock Cylinders (Front Driver / Passenger / Lift-gate) ● Glass – 2nd Row, Rear Quarter and Lift-gate Privacy Glass ● Grille – Black ● Headlamps – Automatic, LED Low-and-High-Beam ● Lift-gate – Manual 1-Piece – Fixed Glass w/Door-Lock Cylinder ● Mirrors – **Black Caps** **Power Electric Remote Heated Manual Folding with Integrated Spotter** ● Spare – Full size 18" Tire w/TPMS ● Spoiler – Painted Black ● Lift-gate Handle ● Tail lamps – LED ● Tires – 255/60R18 A/S BSW ● Wheel-Lip Molding – Black ● Wheels – 18" x 8.0 painted black steel with polished stainless steel hub cover ● Windshield – Acoustic Laminated ● **Unity LED Drivers Spot Light** ● **Rear Tail Light Housing**

INTERIOR/COMFORT ● Cargo Hooks in cargo area ● Climate Control – Dual-Zone Electronic Automatic Temperature Control ● Door-Locks— Power ● **Rear-Door Handles and Locks In-Operable** ● Fixed Pedals (Driver Dead Pedal) ● Floor – Heavy-Duty Thermoplastic Elastomer ● Glove Box – Locking/non-illuminated ● Grab Handles ● Heated Sanitization Solution ● **Lift gate Release Switch located in overhead console (45 second timeout feature)** ● Lighting— Overhead Console— Red/White Task Lighting in Overhead Console— 3rd row overhead map light ● Mirror – Day/night Rear View ● Particulate Air Filter ● Power points – (1) First Row ● Rear-door closeout panels ● Rear-window Defrost ● Scuff Plates – Front & Rear ● Seats— 1st Row Police Grade Cloth Trim, Dual Front Buckets with reduced bolsters — 1st Row – Driver 6-way lower track (fore/aft. Up/down, tilt with manual recline, 2-way manual lumbar) — 1st Row – passenger 2-way manual track (fore/aft. with manual recline) — Built-in steel intrusion plates in both driver/passenger seatbacks — 2nd Row Vinyl, 35/30/35 Split Bench Seat (manual fold-flat, no tumble) ● Speed (Cruise) Control ● Speedometer –

Calibrated (includes digital readout) •Steering Wheel – Manual / Tilt / Telescoping, Speed Controls and 4 user – configurable latching switches Sun visors, color-keyed, non-illuminated •Universal Top Tray – Center of I/P for mounting aftermarket equipment •Windows, Power, 1-touch Up/Down Front Driver/Passenger-Side with disable feature • **Power Passenger Seat • Courtesy Lights Disabled • Rear Dome Light •Aux. Rear A/C**

SAFETY/SECURITY •Advance Trac® w/RSC® •Airbags, dual-stage driver & front-passenger, side seat, passenger-side knee, Roll Curtain Airbags and Safety Canopy®•Anti-Lock Brakes (ABS) with Traction Control • Brakes – Police calibrated high-performance regenerative braking system •Belt-Minder® (Front Driver / Passenger)•Child-Safety Locks •Individual Tire Pressure Monitoring System (TPMS)•LATCH (Lower Anchors and Tethers for Children) system on rear outboard seat locations •**Rearview Camera viewable on 8"Center Stack** • Seat Belts, Pretensioner /Energy-Management System w/adjustable height in 1st Row •SOS Post-Crash Alert System™• Perimeter Alert • **Remote Keyless Fob •BLIS •Cross Traffic Brake Assist •Pre-Collision Mitigation System •Reverse Sensing System**

Police Up-fit Friendly •Consistent 11-inch space between driver and passenger seats for aftermarket consoles (9-inch center console mounting plate)•Console mounting plate •Dash pass-thru opening for aftermarket wiring •Headliner- easy to service •Two (2) 50 amp battery ground circuits – power distribution junction block (repositioned behind 2nd row seat floorboard). • **Grill Wiring •100 Watt siren/Speaker Prep Kit**

Functional •Audio— AM/FM / MP3 Capable / Clock / 4-speakers— SYNC® interface — Includes hands-free voice command support — USB Port — (1) — 8" Color LCD Screen Center- Stack "Smart Display"• Easy Fuel® Capless Fuel-Filler •Fleet Telematics Modem to support Ford Pro™ Telematics •Front door tether straps (driver/passenger)•Power pigtail harness •Simple Fleet Key; 4-keys•Two-way radio pre-wire •Two (2) 50 amp battery power circuits – power distribution junction block (behind 2nd row passenger seat floorboard)•Wipers – Front Speed- Sensitive Intermittent; Rear Dual Speed Wiper •Up fitter Interface System •PAITRO output tied to lift gate release switch •3 Year 36,000 Mile Warranty-5 Year 100,000 mile Powertrain Warranty •Delivery under 75 miles



Models

☐	K8A	2025 Utility Interceptor Hybrid-Late Availability	47,615.00
☐			
☐			
☐			
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OPTIONS-Mechanical/Functional

☒	99B-3.3L V-6 TI-VCT Motor NA with 99C Motor	-2661.00
☐	99C-3.0L Eco boost	893.00
☐	76D-Deflector Plate (engine and transmission shield)	320.00
☐	41H-Block Heater	179.00
☐	18X-100 Watt Siren Speaker (includes bracket and pig tail)	329.00
☐	60R-Noise Suppression	94.00
☐	67U-Ultimate Wiring Kit	602.00
☐	67V-Connector Kit	188.00
☐	85D-Front Console Mounting Plate Delete (NA with 67H, 67U, 85R)	NC
☐	85R-Rear Mounting Plate (NA with 65U, 85D)	56.00
☐	67H Ready For the Road Package-OEM Lighting and Wiring Package	3,532.00
☐	18D-Global Lock/Unlock- Deletes 45 second Lift Gate Lock Release	N/C

Options-Exterior

☐	16P Rear Bumper Step Pad	94.00
☐	65L 18" Wheel Covers	65.00
☒	Keyed Alike CODE _____	47.00
☐	942-Daytime Running Light-Cannot be Reprogrammed	47.00
☐	68G- Rear Door Locks Inoperable	STD
☐	52P-Hidden Door Lock Plunger Includes 68G	150.00
☐	43A-Rear Auxiliary Lights	376.00
☐	96T-Rear Spoiler Traffic Light-Compatible with Interior Upgrade Package	1,410.00
☐	51P-Drivers Side Spot Light Prep	132.00
☐	51S-Dual Spot Lights-Unity	582.00
☐	51T-Drivers Spot Light-Whelen	394.00
☒	51V-Dual Spot Lights-Whelen	629.00
☒	51W-Dual Spot Prep	264.00
☐	Spot Light Delete	-376.00
☐	63B-Side Marker Lights	320.00
☐	63L-Quarter Glass Lights	546.00
☐	66A-Front Headlamp Package	846.00
☐	66B-Tail Lamp Package	405.00
☐	66C-Rear Light Package	432.00
☐	16D-Badge Delete	N/C
☐	21L Front Auxiliary Light	546.00

Options-Interior

☐	47E 12.1" Integrated Computer Screen	3,478.00
☐	63V Cargo Vault (Lockable Small Compartment)	253.00
☐	65U Interior Upgrade Package	367.00
☐	92R Solar Tint 2 nd Row (Deletes Privacy Glass)	85.00
☐	92G Solar Tint 2 nd Row and Cargo Area (Deletes Privacy Glass)	112.00
☐	87M 4" Rear Camera (1/4 size Picture in Picture in Upper Left Quadrant of Display)	N/C
☐		

☐	16C Carpet Floor Covering	141.00
☐	F6 Ebony Cloth Seating	51.00
☐	90D Ballistic Door Panels (Level III +)-Driver Front Door Only	1495.00
☐	90E Ballistic Door Panels (Level III+)- Driver and Passenger Front Doors Only	2979.00
☐	90F Ballistic Door Panels (Level IV+)- Driver Front Door Only	2274.00
☐	90G Ballistic Door Panels (Level IV +)- Driver and Passenger Front Doors Only	4541.00
☐		
☐		

Exterior Colors

☐	E4-Vermillion Red	
☐	JS-Iconic Silver	
☐	LK-Dark Blue	
☐	LM-Royal Blue	
☐	M7-Carbonized Gray	
☐	TN-Silver Grey Metallic	
☐	UJ-Sterling Gray	
☐	UM-Agate Black	
☒	YZ-Oxford White	
☐		

Miscellaneous Options

☐	4-Corner LED Amber Strobes	1,395.00
☐	Rustproofing (Does Not Include Undercoating)	395.00
☐	Delivery Over 75 Miles	250.00
☒	Certificate of Origin (Customer to Complete Licensing)	N/C
☒	License and Title- Municipal Municipal Police	203.00
☐	Passenger Title and Plates	351.00
☐		

Title Name	Village of Buffalo Grove
Title Address	51 Raupp Blvd
Title City	Buffalo Grove
Title Zip Code	60089
Contact Name	Josh Wallace
Phone Number	847-459-2579
PO Number	
FIN CODE	
Tax Exempt Number	
Total Dollar Amount	46,097
Delivery Address	50 Raupp Blvd
	Buffalo Grove

***Orders Require Signed Original Purchase Order and Tax Exempt Letter Submitted to:**

Currie Motors Commercial Center

10125 W Laraway

Frankfort IL 60423

PHONE: (815) 412-3227

Tom Sullivan

tsullivan@curriemotors.com

Phone: (815)464-9200

Nic Cortellini

ncortellini@curriemotors.com

Production is based upon Plant Scheduling and Commodity Restrictions Subject to Cancellation

Payment Due at Time of Delivery



2025 Ford Utility Interceptor Contract #204

\$47,615.00



Currie Motors Fleet

Nice People to do Business With!

Production Begins May 2024

Hybrid Motors are Late Availability

2025 Model Year is Allocation Based upon Sales History and Subject to Commodity Restrictions



2025 Ford Utility Interceptor

\$47,615.00

Standard Features

MECHANICAL ● 3.3L Police-Calibrated V6 Direct-Injection Hybrid Engine System –Standard ● AWD Drivetrain Transmission – 10-speed automatic, police calibrated ● Lithium-Ion Battery Pack ● Brakes – Police calibrated high-performance regenerative braking system (Hybrid Only) ● 4-Wheel heavy-duty disc w/heavy-duty front and rear calipers ● Brake Rotors – large mass for high thermal capacity and calipers with large swept area. ● Electric Power-Assist Steering (EPAS) – Heavy-Duty ● DC/DC converter – 220-Amp ● Cooling System – Heavy-duty, Engine oil cooler and transmission oil cooler ● Engine Idle Hour Meter ● Powertrain mounts – Heavy-Duty ● Class III Trailer Hitch Receiver and (2) recovery hooks ● Class III Trailer Tow Lighting Package ● Wheels— Heavy-duty steel, vented with center cap— Full size spare tire w/TPMS ● 50-State Emissions System ● H8 AGM Battery ● **Engine Idle Control** ● Manual Police Pursuit Mode

EXTERIOR ● Antenna, Roof-mounted ● Cladding – Lower body-side cladding ● Door Handles – Black ● Exhaust, True Dual ● **Daytime Running Lamps – Configurable ON/OFF through instrument cluster** ● Door-Lock Cylinders (Front Driver / Passenger / Lift-gate) ● Glass – 2nd Row, Rear Quarter and Lift-gate Privacy Glass ● Grille – Black ● Headlamps – Automatic, LED Low-and-High-Beam ● Lift-gate – Manual 1-Piece – Fixed Glass w/Door-Lock Cylinder ● Mirrors – **Black Caps** **Power Electric Remote Heated Manual Folding with Integrated Spotter** ● Spare – Full size 18" Tire w/TPMS ● Spoiler – Painted Black ● Lift-gate Handle ● Tail lamps – LED ● Tires – 255/60R18 A/S BSW ● Wheel-Lip Molding – Black ● Wheels – 18" x 8.0 painted black steel with polished stainless steel hub cover ● Windshield – Acoustic Laminated ● **Unity LED Drivers Spot Light** ● **Rear Tail Light Housing**

INTERIOR/COMFORT ● Cargo Hooks in cargo area ● Climate Control – Dual-Zone Electronic Automatic Temperature Control ● Door-Locks— Power ● **Rear-Door Handles and Locks In-Operable** ● Fixed Pedals (Driver Dead Pedal) ● Floor – Heavy-Duty Thermoplastic Elastomer ● Glove Box – Locking/non-illuminated ● Grab Handles ● Heated Sanitization Solution ● **Lift gate Release Switch located in overhead console (45 second timeout feature)** ● Lighting— Overhead Console— Red/White Task Lighting in Overhead Console— 3rd row overhead map light ● Mirror – Day/night Rear View ● Particulate Air Filter ● Power points – (1) First Row ● Rear-door closeout panels ● Rear-window Defrost ● Scuff Plates – Front & Rear ● Seats— 1st Row Police Grade Cloth Trim, Dual Front Buckets with reduced bolsters — 1st Row – Driver 6-way lower track (fore/aft. Up/down, tilt with manual recline, 2-way manual lumbar) — 1st Row – passenger 2-way manual track (fore/aft. with manual recline) — Built-in steel intrusion plates in both driver/passenger seatbacks — 2nd Row Vinyl, 35/30/35 Split Bench Seat (manual fold-flat, no tumble) ● Speed (Cruise) Control ● Speedometer –

Calibrated (includes digital readout) •Steering Wheel – Manual / Tilt / Telescoping, Speed Controls and 4 user – configurable latching switches Sun visors, color-keyed, non-illuminated •Universal Top Tray – Center of I/P for mounting aftermarket equipment •Windows, Power, 1-touch Up/Down Front Driver/Passenger-Side with disable feature • **Power Passenger Seat • Courtesy Lights Disabled • Rear Dome Light •Aux. Rear A/C**

SAFETY/SECURITY •Advance Trac® w/RSC® •Airbags, dual-stage driver & front-passenger, side seat, passenger-side knee, Roll Curtain Airbags and Safety Canopy®•Anti-Lock Brakes (ABS) with Traction Control • Brakes – Police calibrated high-performance regenerative braking system •Belt-Minder® (Front Driver / Passenger)•Child-Safety Locks •Individual Tire Pressure Monitoring System (TPMS)•LATCH (Lower Anchors and Tethers for Children) system on rear outboard seat locations •**Rearview Camera viewable on 8"Center Stack** • Seat Belts, Pretensioner /Energy-Management System w/adjustable height in 1st Row •SOS Post-Crash Alert System™• Perimeter Alert • **Remote Keyless Fob •BLIS •Cross Traffic Brake Assist •Pre-Collision Mitigation System •Reverse Sensing System**

Police Up-fit Friendly •Consistent 11-inch space between driver and passenger seats for aftermarket consoles (9-inch center console mounting plate)•Console mounting plate •Dash pass-thru opening for aftermarket wiring •Headliner- easy to service •Two (2) 50 amp battery ground circuits – power distribution junction block (repositioned behind 2nd row seat floorboard). • **Grill Wiring •100 Watt siren/Speaker Prep Kit**

Functional •Audio— AM/FM / MP3 Capable / Clock / 4-speakers— SYNC® interface — Includes hands-free voice command support — USB Port — (1) — 8" Color LCD Screen Center- Stack "Smart Display"• Easy Fuel® Capless Fuel-Filler •Fleet Telematics Modem to support Ford Pro™ Telematics •Front door tether straps (driver/passenger)•Power pigtail harness •Simple Fleet Key; 4-keys•Two-way radio pre-wire •Two (2) 50 amp battery power circuits – power distribution junction block (behind 2nd row passenger seat floorboard)•Wipers – Front Speed- Sensitive Intermittent; Rear Dual Speed Wiper •Up fitter Interface System •PAITRO output tied to lift gate release switch •3 Year 36,000 Mile Warranty-5 Year 100,000 mile Powertrain Warranty •Delivery under 75 miles



Models

☐	K8A	2025 Utility Interceptor Hybrid-Late Availability	47,615.00
☐			
☐			
☐			
☐			
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☐			
☐			

OPTIONS-Mechanical/Functional

☒	99B-3.3L V-6 TI-VCT Motor NA with 99C Motor	-2661.00
☐	99C-3.0L Eco boost	893.00
☐	76D-Deflector Plate (engine and transmission shield)	320.00
☐	41H-Block Heater	179.00
☐	18X-100 Watt Siren Speaker (includes bracket and pig tail)	329.00
☐	60R-Noise Suppression	94.00
☐	67U-Ultimate Wiring Kit	602.00
☐	67V-Connector Kit	188.00
☐	85D-Front Console Mounting Plate Delete (NA with 67H, 67U, 85R)	NC
☐	85R-Rear Mounting Plate (NA with 65U, 85D)	56.00
☐	67H Ready For the Road Package-OEM Lighting and Wiring Package	3,532.00
☐	18D-Global Lock/Unlock- Deletes 45 second Lift Gate Lock Release	N/C

Options-Exterior

☐	16P Rear Bumper Step Pad	94.00
☐	65L 18" Wheel Covers	65.00
☒	Keyed Alike CODE _____	47.00
☐	942-Daytime Running Light-Cannot be Reprogrammed	47.00
☐	68G- Rear Door Locks Inoperable	STD
☐	52P-Hidden Door Lock Plunger Includes 68G	150.00
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☐	66C-Rear Light Package	432.00
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☐		
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☐	JS-Iconic Silver	
☒	LK-Dark Blue	
☐	LM-Royal Blue	
☐	M7-Carbonized Gray	
☐	TN-Silver Grey Metallic	
☐	UJ-Sterling Gray	
☐	UM-Agate Black	
☐	YZ-Oxford White	
☐		

Miscellaneous Options

☐	4-Corner LED Amber Strobes	1,395.00
☐	Rustproofing (Does Not Include Undercoating)	395.00
☐	Delivery Over 75 Miles	250.00
☒	Certificate of Origin (Customer to Complete Licensing)	N/C
☒	License and Title- Municipal Municipal Police	203.00
☐	Passenger Title and Plates	351.00
☐		

Title Name	Village of Buffalo Grove
Title Address	51 Raupp Blvd
Title City	Buffalo Grove
Title Zip Code	60089
Contact Name	Josh Wallace
Phone Number	847-459-2579
PO Number	
FIN CODE	
Tax Exempt Number	
Total Dollar Amount	45,730
Delivery Address	50 Raupp Blvd
	Buffalo Grove

***Orders Require Signed Original Purchase Order and Tax Exempt Letter Submitted to:**

Currie Motors Commercial Center

10125 W Laraway

Frankfort IL 60423

PHONE: (815) 412-3227

Tom Sullivan

tsullivan@curriemotors.com

Phone: (815)464-9200

Nic Cortellini

ncortellini@curriemotors.com

Production is based upon Plant Scheduling and Commodity Restrictions Subject to Cancellation

Payment Due at Time of Delivery



Ordinance with Purchase : 2024 Sidewalk Improvements Award

Summary

Staff recommends approval.

Recommended Motion

SUMMARY: The 2024 Sidewalk Improvements were bid on February 8th, 2024 and the lowest responsible and responsive bidder was Suburban Concrete, Inc. Staff recommends approval of the contract to Suburban Concrete, Inc. in the amount of \$253,247.50 pending Village Attorney review.

ATTACHMENTS:

1. Suburban Award of Bid Memo
2. Suburban Ordinance
3. 4798.082 Bid Recommendation - Sidewalk Improvements
4. 4798.082 Bid Tabulation & As Read Results - Sidewalk Improvements
5. _4798.082 Contract Specifications - 2024 Sidewalk Improvements FINAL

Trustee Liason

Trustee Stein

Staff Contact

Kyle Johnson, Village Engineer



MEMORANDUM

DATE: March 12, 2024
TO: Dane Bragg, Village Manager
FROM: Kyle Johnson, Deputy Public Works Director/Village Engineer
SUBJECT: 2024 Sidewalk Improvement Project Award of Bid

The 2024 Sidewalk Improvement Project was advertised for bids and opened on February 8th, 2024. The lowest, qualified bid was in the amount of \$230,225.00 from Suburban Concrete, Inc. The project includes sidewalk replacement on various streets within the Village which correct deficient sidewalk. Some of these deficiencies include cracked or broken pieces, trip hazards and low areas that collect and pond water.

Attached is a copy of the Tabulation of Bids for the program indicating the lowest, qualified bid of \$230,225.00 by Suburban Concrete, Inc. Staff recommends that the Village Board award the contract to Suburban Concrete, Inc. as the firm is qualified to perform the work and is the lowest bidder. Due to the size and scope of the project, staff recommends a contingency fund be created and controlled by the Village in the amount of \$23,022.50 (10.0% of the project cost). As bids came in below the engineers estimate Public Works staff will consult with the Village Manager prior to exceeding the low bid price of \$230,225.00. This project is entirely funded by Motor Fuel Tax Funds (MFT).

ORDINANCE 2024-_____

AN ORDINANCE AUTHORIZING A CONSTRUCTION CONTRACT WITH SUBURBAN CONCRETE, INC.

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village seeks to enter into a Construction Contract with Suburban Concrete, Inc. for sidewalk replacement along various Village streets,

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Village Manager is authorized to enter into a Construction Contract with Suburban Concrete, Inc. for sidewalk replacement along various Village streets at a price not to exceed \$253,247.50, pending attorney review.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and shall not be codified.

AYES: _____

NAYES: _____

ABSENT: _____

PASSED: _____, 2024

APPROVED: _____, 2024

APPROVED:

Eric N. Smith, Village President

ATTEST:

Janet Sirabian, Village Clerk

February 9, 2024

Mr. Kyle Johnson, PE, CFM
Deputy Public Works Director/Village Engineer
Village of Buffalo Grove
51 Raupp Boulevard
Buffalo Grove, Illinois 60089



625 Forest Edge Drive, Vernon Hills, IL 60061
TEL 847.478.9700 ■ FAX 847.478.9701

www.gha-engineers.com

Re: 2024 Sidewalk Improvements Project
VoBG-2024-04
Bid Results and Recommendation for Award

Dear Mr. Johnson:

On Thursday, February 8, 2024, bid proposals for the above referenced project were received, opened, and publicly read aloud via a Microsoft Teams video conference. This project includes concrete sidewalk removal and replacement on various street segments throughout the Village limits.

As directed, the work considered was separated into a 'base bid' and two 'alternates'. Thus, three separate bid schedules were received from each contractor. Most of the proposed work was included in the base bid, and additional street segments were included in alternate 01 and alternate 02, respectively.

Bid documents were solicited and available to contractors on the Village's website, and bids were received by five (5) contractors. As-read, the combined bid amounts ranged from \$358,125.00 to \$722,416.50; the Engineer's Opinion of Probable Cost (EOPC) was \$359,327.50. The as-read low bid of \$358,125.00 was received from Suburban Concrete, Inc. of Mundelein, Illinois, however, following the tabulation of bids, it was determined that a mathematical error on their base bid affected their total base bid and combined bid amount. This mathematical error did not affect Suburban Concrete, Inc. as the apparent low bidder. The bids for the base bid ranged from \$170,005.00 to \$365,832.00; the EOPC was \$176,722.50. The bids for alternate 01 ranged from \$126,550.00 to \$247,749.50; the EOPC was \$126,090.00. The bids for alternate 02 ranged from \$60,220.00 to \$108,835.00; the EOPC was \$56,515.00.

Suburban Concrete, Inc. is an IDOT prequalified firm and has the experience and means to perform the work in accordance with the plans and specifications.

We recommend that the Village Board authorize the award of a construction contract for the 2024 Sidewalk Improvements Project to Suburban Concrete, Inc. in the amount of \$230,225.00. This includes the award of the base bid, and alternate 02 to adhere to the Village's proposed budget for this project.

If you have any questions or require additional information regarding the above, please do not hesitate to contact me at (847) 344-5719 or by email at ldeferville@gha-engineers.com.

Sincerely,
GEWALT HAMILTON ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read 'Lucas Deferville', is written over a horizontal line.

Lucas Deferville
Assistant Director of Construction & Survey Services

Encl.: Bid Summary

CC: Tom Wisniewski – Village of Buffalo Grove
Leo Morand, PE – Gewalt Hamilton Associates, Inc.

Client:

Project:

GHA Project No:

Village of Buffalo Grove
2024 Sidewalk Improvements Project (VoBG-2024-04)
4798.082

Project Manager:

Bid Opening Date:

Bid Opening Location:

Lucas Deferville
2/8/2024
Virtual

				Engineer's Opinion of Probable Cost		BID TABULATION									
						Suburban Concrete, Inc. Mundelein, IL		A Lamp Concrete Contractors, Inc. Schaumburg, IL		Globe Construction, Inc. Addison, IL		Everlast Blacktop Inc. Elgin, IL		Alliance Contractors, Inc. Woodstock, IL	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
20101200	Tree Root Pruning	105.0	EA	\$55.00	\$5,775.00	\$110.00	\$11,550.00	\$200.00	\$21,000.00	\$125.00	\$13,125.00	\$150.00	\$15,750.00	\$90.00	\$9,450.00
35101400	Aggregate Base Course, Type B	380.0	TN	\$25.00	\$9,500.00	\$30.00	\$11,400.00	\$35.00	\$13,300.00	\$40.00	\$15,200.00	\$45.00	\$17,100.00	\$34.15	\$12,977.00
42300200	Portland Cement Concrete Driveway Pavement, 6 Inch	200.0	SY	\$75.00	\$15,000.00	\$80.00	\$16,000.00	\$125.00	\$25,000.00	\$99.00	\$19,800.00	\$139.00	\$27,800.00	\$226.95	\$45,390.00
42400200	Portland Cement Concrete Sidewalk 5 Inch	9,500.0	SF	\$9.00	\$85,500.00	\$9.00	\$85,500.00	\$11.00	\$104,500.00	\$14.00	\$133,000.00	\$17.00	\$161,500.00	\$22.10	\$209,950.00
44000200	Driveway Pavement Removal	210.0	SY	\$13.50	\$2,835.00	\$28.00	\$5,880.00	\$15.00	\$3,150.00	\$20.00	\$4,200.00	\$18.00	\$3,780.00	\$20.00	\$4,200.00
44000500	Combination Curb and Gutter Removal	150.0	FT	\$10.50	\$1,575.00	\$7.00	\$1,050.00	\$10.00	\$1,500.00	\$30.00	\$4,500.00	\$12.00	\$1,800.00	\$15.00	\$2,250.00
44000600	Sidewalk Removal	9,500.0	SF	\$2.55	\$24,225.00	\$2.00	\$19,000.00	\$2.00	\$19,000.00	\$3.75	\$35,625.00	\$1.60	\$15,200.00	\$2.00	\$19,000.00
67100100	Mobilization	1.0	LS	\$9,500.00	\$9,500.00	\$2,500.00	\$2,500.00	\$25,000.00	\$25,000.00	\$3,000.00	\$3,000.00	\$20,000.00	\$20,000.00	\$13,600.00	\$13,600.00
70102620	Traffic Control and Protection, Standard 701501	1.0	LS	\$3,200.00	\$3,200.00	\$1,000.00	\$1,000.00	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$1,900.00	\$1,900.00	\$7,655.00	\$7,655.00
70102640	Traffic Control and Protection, Standard 701801	1.0	LS	\$3,200.00	\$3,200.00	\$2,000.00	\$2,000.00	\$1.00	\$1.00	\$5,000.00	\$5,000.00	\$1.00	\$1.00	\$100.00	\$100.00
Z0004510	Hot-Mix Asphalt Driveway Pavement, 3"	10.0	SY	\$80.00	\$800.00	\$80.00	\$800.00	\$100.00	\$1,000.00	\$200.00	\$2,000.00	\$390.00	\$3,900.00	\$370.00	\$3,700.00
-	General Landscape Restoration (Special)	525.0	SY	\$14.50	\$7,612.50	\$15.00	\$7,875.00	\$15.00	\$7,875.00	\$19.50	\$10,237.50	\$12.00	\$6,300.00	\$20.00	\$10,500.00
-	Combination Concrete Curb and Gutter, Type Varies (Abutting Existing Pavement)	150.0	FT	\$35.00	\$5,250.00	\$30.00	\$4,500.00	\$60.00	\$9,000.00	\$50.00	\$7,500.00	\$80.00	\$12,000.00	\$102.40	\$15,360.00
-	Class B Patches, Type II, 10 Inch (Special)	10.0	SY	\$275.00	\$2,750.00	\$95.00	\$950.00	\$150.00	\$1,500.00	\$120.00	\$1,200.00	\$300.00	\$3,000.00	\$1,170.00	\$11,700.00
Total Base Bid:						\$176,722.50	\$170,005.00	\$256,826.00		\$264,387.50		\$290,031.00		\$365,832.00	
20101200	Tree Root Pruning	95.0	EA	\$55.00	\$5,225.00	\$110.00	\$10,450.00	\$200.00	\$19,000.00	\$125.00	\$11,875.00	\$150.00	\$14,250.00	\$90.00	\$8,550.00
35101400	Aggregate Base Course, Type B	290.0	TN	\$25.00	\$7,250.00	\$30.00	\$8,700.00	\$35.00	\$10,150.00	\$40.00	\$11,600.00	\$45.00	\$13,050.00	\$34.15	\$9,903.50
42300200	Portland Cement Concrete Driveway Pavement, 6 Inch	200.0	SY	\$75.00	\$15,000.00	\$80.00	\$16,000.00	\$125.00	\$25,000.00	\$99.00	\$19,800.00	\$139.00	\$27,800.00	\$226.95	\$45,390.00
42400200	Portland Cement Concrete Sidewalk 5 Inch	7,300.0	SF	\$9.00	\$65,700.00	\$9.00	\$65,700.00	\$11.00	\$80,300.00	\$14.00	\$102,200.00	\$17.00	\$124,100.00	\$22.10	\$161,330.00
44000200	Driveway Pavement Removal	200.0	SY	\$13.50	\$2,700.00	\$28.00	\$5,600.00	\$15.00	\$3,000.00	\$20.00	\$4,000.00	\$18.00	\$3,600.00	\$20.00	\$4,000.00
44000600	Sidewalk Removal	7,300.0	SF	\$2.55	\$18,615.00	\$2.00	\$14,600.00	\$2.00	\$14,600.00	\$3.75	\$27,375.00	\$1.65	\$12,045.00	\$2.00	\$14,600.00
67100100	Mobilization	1.0	LS	\$7,000.00	\$7,000.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$9,000.00	\$9,000.00	\$1.00	\$1.00
70102620	Traffic Control and Protection, Standard 701501	1.0	LS	\$2,300.00	\$2,300.00	\$1,000.00	\$1,000.00	\$10,000.00	\$10,000.00	\$9,000.00	\$9,000.00	\$1,900.00	\$1,900.00	\$3,875.00	\$3,875.00
70102640	Traffic Control and Protection, Standard 701801	1.0	LS	\$2,300.00	\$2,300.00	\$2,000.00	\$2,000.00	\$1.00	\$1.00	\$3,000.00	\$3,000.00	\$1.00	\$1.00	\$100.00	\$100.00
Total Alternate 01 Bid:						\$126,090.00	\$126,550.00	\$172,051.00		\$191,350.00		\$205,746.00		\$247,749.50	
20101200	Tree Root Pruning	70.0	EA	\$55.00	\$3,850.00	\$110.00	\$7,700.00	\$200.00	\$14,000.00	\$125.00	\$8,750.00	\$150.00	\$10,500.00	\$90.00	\$6,300.00
35101400	Aggregate Base Course, Type B	140.0	TN	\$25.00	\$3,500.00	\$30.00	\$4,200.00	\$35.00	\$4,900.00	\$40.00	\$5,600.00	\$45.00	\$6,300.00	\$34.15	\$4,781.00
42300200	Portland Cement Concrete Driveway Pavement, 6 Inch	40.0	SY	\$75.00	\$3,000.00	\$80.00	\$3,200.00	\$125.00	\$5,000.00	\$99.00	\$3,960.00	\$139.00	\$5,560.00	\$226.95	\$9,078.00
42400200	Portland Cement Concrete Sidewalk 5 Inch	3,500.0	SF	\$9.00	\$31,500.00	\$9.00	\$31,500.00	\$11.00	\$38,500.00	\$14.00	\$49,000.00	\$17.00	\$59,500.00	\$22.10	\$77,350.00
44000200	Driveway Pavement Removal	40.0	SY	\$13.50	\$540.00	\$28.00	\$1,120.00	\$15.00	\$600.00	\$20.00	\$800.00	\$18.00	\$720.00	\$20.00	\$800.00
44000600	Sidewalk Removal	3,500.0	SF	\$2.55	\$8,925.00	\$2.00	\$7,000.00	\$2.00	\$7,000.00	\$3.75	\$13,125.00	\$1.65	\$5,775.00	\$2.00	\$7,000.00
67100100	Mobilization	1.0	LS	\$3,200.00	\$3,200.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00	\$9,000.00	\$9,000.00	\$1.00	\$1.00
70102620	Traffic Control and Protection, Standard 701501	1.0	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$10,000.00	\$10,000.00	\$1,750.00	\$1,750.00	\$1,900.00	\$1,900.00	\$3,425.00	\$3,425.00
70102640	Traffic Control and Protection, Standard 701801	1.0	LS	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$1.00	\$1.00	\$950.00	\$950.00	\$1.00	\$1.00	\$100.00	\$100.00
Total Alternate 02 Bid:						\$56,515.00	\$60,220.00	\$90,001.00		\$84,935.00		\$99,256.00		\$108,835.00	
Total Bid:						\$359,327.50	\$356,775.00	\$518,878.00		\$540,672.50		\$595,033.00		\$722,416.50	
							As Read: \$358,125.00								



COVER SHEET

Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Type of Funds

☒ Proposal Only ☐ Proposal and Plans ☐ Proposal only, plans are separate

Submitted/Approved

For Local Public Agency:

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

Official Title

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature & Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Buffalo Grove	Cook	24-00000-02-GM	Various Street Segments

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of www.vbg.org/bids

	Name of Office	
	until 9:00 AM	on 02/08/24
Address	Time	Date

Sealed proposals will be opened and read publicly at the office of a live, online meeting hosted by the Village

	Name of Office	
https://shorturl.at/awEOW	at 9:00 AM	on 02/08/24
Address	Time	Date

DESCRIPTION OF WORK

Location	Project Length
Various Locations Within the Village Limits	N/A

Proposed Improvement

This project includes, but is not limited to, the following major work items: concrete sidewalk removal & replacement; driveway pavement removal and replacement; and other associated improvements.

1. Plans and proposal forms will be available in the office of

www.vbg.org/bids
Office of the Purchasing Manager - (847) 459-2500

2. ☒ Prequalification

If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and two originals with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:

- Local Public Agency Formal Contract Proposal (BLR 12200)
- Schedule of Prices (BLR 12201)
- Proposal Bid Bond (BLR 12230) (if applicable)
- Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
- Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Buffalo Grove	Cook	24-00000-02-GM	Various Street Segments

PROPOSAL

1. Proposal of _____

Contractor's Name

Contractor's Address
2. The plans for the proposed work are those prepared by Gewalt Hamilton Associates, Inc.
and approved by the Department of Transportation on _____.
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the " Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within _____ working days or by 08/02/24 unless additional time is granted in accordance with the specifications.
6. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.
7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.
8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.
9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.
10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: Village Treasurer of Buffalo Grove.
The amount of the check is _____ (_____).

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number _____.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Buffalo Grove	Cook	24-00000-02-GM	Various Street Segments

CONTRACTOR CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense, or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State of Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Buffalo Grove	Cook	24-00000-02-GM	Various Street Segments

SIGNATURES

(If an individual)

Bidder Signature & Date

Business Address

City

State

Zip Code

(If a partnership)

Firm Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert Names of Officers

President

Attest:

Secretary

Secretary

Treasurer



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
20101200	Tree Root Pruning	EA	105		
25101400	Aggregate Base Course, Ty B	TN	380		
42300200	PCC Driveway Pav, 6 Inch	SY	200		
42400200	PCC Sidewalk 5 Inch	SF	9500		
44000200	Driveway Pavement Removal	SY	210		
44000500	Comb Curb & Gutter Removal	FT	150		
44000600	Sidewalk Removal	SF	9500		
67100100	Mobilization	LS	1		
70102620	Traf Cont Prot, Stan 701501	LS	1		
70102640	Traf Cont Prot, Stan 701801	LS	1		
Z0004510	HMA Driveway Pavement, 3"	SY	10		
-	General Landscape Restoration	SY	525		
-	Comb C&G, Ty Varies (Abut)	FT	150		
-	Class B Patches, Ty II, 10 Inch	SY	10		
Bidder's Total Proposal					

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
20101200	Tree Root Pruning	EA	95		
25101400	Aggregate Base Course, Ty B	TN	290		
42300200	PCC Driveway Pav, 6 Inch	SY	200		
42400200	PCC Sidewalk 5 Inch	SF	7300		
44000200	Driveway Pavement Removal	SY	200		
44000600	Sidewalk Removal	SF	7300		
67100100	Mobilization	LS	1		
70102620	Traf Cont Prot, Stan 701501	LS	1		
70102640	Traf Cont Prot, Stan 701801	LS	1		
Bidder's Total Proposal					

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
20101200	Tree Root Pruning	EA	70		
25101400	Aggregate Base Course, Ty B	TN	140		
42300200	PCC Driveway Pav, 6 Inch	SY	40		
42400200	PCC Sidewalk 5 Inch	SF	3500		
44000200	Driveway Pavement Removal	SY	40		
44000600	Sidewalk Removal	SF	3500		
67100100	Mobilization	LS	1		
70102620	Traf Cont Prot, Stan 701501	LS	1		
70102640	Traf Cont Prot, Stan 701801	LS	1		
Bidder's Total Proposal					

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.



Local Public Agency	County	Section Number
Village of Buffalo Grove	Cook	24-00000-02-GM

WE, _____ as PRINCIPAL, and
_____ as SURETY, are held jointly,

severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LPA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LPA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LPA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ of _____
Day Month and Year

Principal

Company Name

Signature & Date

By:

Title

Company Name

Signature & Date

By:

Title

(If Principal is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

Name of Surety

Signature of Attorney-in-Fact Signature & Date

By:

STATE OF IL

COUNTY OF

I _____, a Notary Public in and for said county do hereby certify that

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____
Day Month and Year

(SEAL, if required by the LPA)

Notary Public Signature & Date

Date commission expires _____

Local Public Agency

County

Section Number

Village of Buffalo Grove

Cook

24-00000-02-GM

ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LPA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

--	--	--	--	--	--	--	--	--	--	--	--	--

Company/Bidder Name

--

Signature & Date

--

Title

--



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Buffalo Grove	Cook	Various Street Segments	24-00000-02-GM

All contractors are required to complete the following certification

- ☐ For this contract proposal or for all bidding groups in this deliver and install proposal.
- ☐ For the following deliver and install bidding groups in this material proposal.

--

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidder's subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

1. Except as provided in paragraph 4 below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
2. The undersigned bidder further certifies, for work to be performed by subcontract, that each of its subcontractors either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
3. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

--

4. Except for any work identified above, if any bidder or subcontractor shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforces and positions of ownership. ☐

--

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or afterward may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder	Signature & Date						
<table><tr><td></td></tr></table>		<table><tr><td></td></tr></table>					
Title							
<table><tr><td></td></tr></table>							
Address	City	State	Zip Code				
<table><tr><td></td></tr></table>		<table><tr><td></td></tr></table>		<table><tr><td></td></tr></table>		<table><tr><td></td></tr></table>	



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Buffalo Grove	Cook	Various Street Segments	24-00000-02-GM

I, _____ of _____, _____,
Name of Affiant City of Affiant State of Affiant
being first duly sworn upon oath, state as follows:

1. That I am the _____ of _____.
Officer or Position Bidder
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under the proposal described above, _____, will maintain a business office in the
Bidder
State of Illinois, which will be located in _____ County, Illinois.
County
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

Signature & Date

Print Name of Affiant

Notary Public

State of IL

County _____

Signed (or subscribed or attested) before me on _____ by
(date)

_____, authorized agent(s) of
(name/s of person/s)

Bidder

Notary Public Signature & Date

(SEAL)

My commission expires _____



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					

Total Uncompleted					
-------------------	--	--	--	--	--

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Affidavit of Availability

For the Letting of

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

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Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

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	2	3	4	Awards Pending	1
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
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Signature

Date

Company

Address

City

State

Zip Code

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this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

EXHIBIT A - PUBLIC CONTRACT STATEMENT

This Public Contract Statement (the “**Contract Statement**”) has been executed by the below supplier, Contractor or vendor (collectively the “**Contractor**”) in order for the Village of Buffalo Grove to obtain certain information necessary prior to awarding a public contract. The Contract Statement shall be executed and notarized and submitted as part of the Bid Proposal.

CERTIFICATION OF CONTRACTOR/BIDDER

In order to comply with 720 Illinois Compiled Statutes 5/33 E-1 et seq., the Village of Buffalo Grove requires the following certification be acknowledged:

The Contractor certifies that it is not barred from bidding or supplying any goods, services or construction let by the Village of Buffalo Grove with or without bid, due to any violation of either Section 5/33 E-3 or 5/33 E-4 of Article 33E, Public Contracts, of the Chapter 720 of the Illinois Compiled Statutes, as amended. This act relates to interference with public contracting, bid rigging and rotating, kickbacks, and bidding.

CERTIFICATION RELATIVE TO 65 ILCS 5/11-42.1.1

In order to comply with 65 Illinois Compiled Statutes 5/11-42.1.1, the Village of Buffalo Grove requires the following certification:

The Contractor does hereby swear and affirm that it is not delinquent in the payment of any tax administered by the Illinois Department of Revenue unless it is contesting such tax in accordance with the procedures established by the appropriate revenue act, its liability for the tax or the amount of the tax. The undersigned further understands that making a false statement herein: (1) is a Class A misdemeanor, and (2) voids the contract and allows the Village to recover all amounts paid to it under the contract.

CONFLICT OF INTEREST

The Village of Buffalo Grove Municipal Code requires the following verification relative to conflict of interest and compliance with general ethics requirements of the Village:

The Contractor represents and warrants to the Village of Buffalo Grove as a term and condition of acceptance of their Bid Proposal that none of the following Village officials is either an officer or director of Contractor nor owns five percent (5%) or more of the Contractor: the Village President, the members of the Village Board of Trustees, the Village Clerk, the Village Treasurer, the members of the Zoning Board of Appeals and the Plan Commission, the Village Manager and his/her Assistant, or the heads of the various departments within the Village.

If the foregoing representation and warranty is inaccurate, state the name of the Village official who either is an officer or director of your business entity or owns five percent (5%) or more thereof: _____.

OTHER COMMITMENTS

Has your firm ever been debarred by a governmental agency in the State of Illinois within the last 7 years? If no, please check the box. ☐

I have read, understand and am able to fulfill the requirements of the contract documents. If yes, please check the box. ☐

I can provide insurance documents that meet the terms of the contract documents, which include original endorsements that explicitly name the Village of Buffalo Grove (and others per the contract documents). If yes, please check the box. ☐

In the past 7 years has your firm been involved in litigation, arbitration, or mediation with a governmental agency? If no, please check the box. ☐ If yes, please provide a brief description.

IN WITNESS WHEREOF, the below Contractor has signed and sealed this Contract Statement as of this ____ day of _____, 20__.

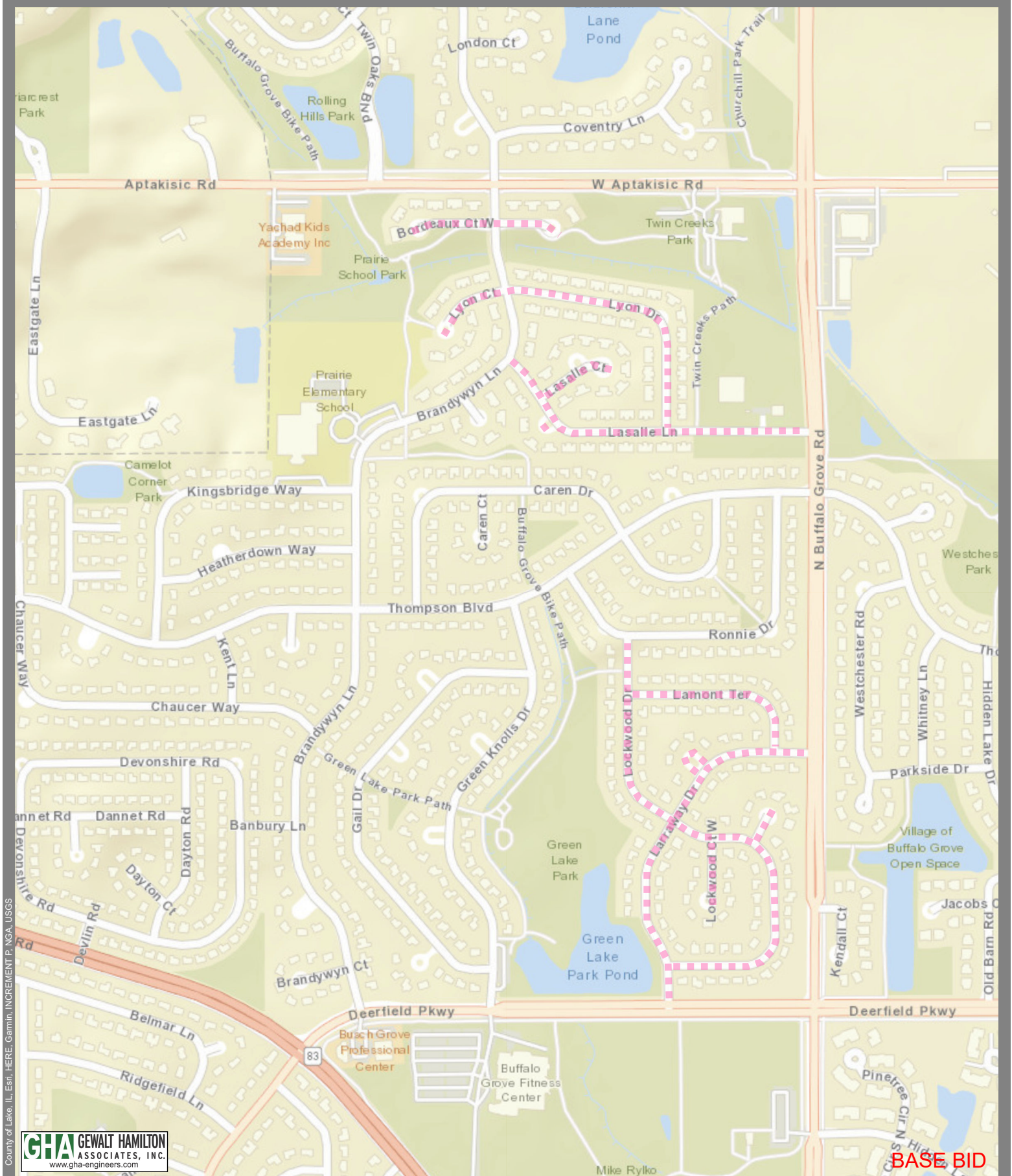
Print Name of Contractor

Signature

Print Title

Given under my hand and official seal, this ____ day of _____, 20__.

Notary Public



BASE BID

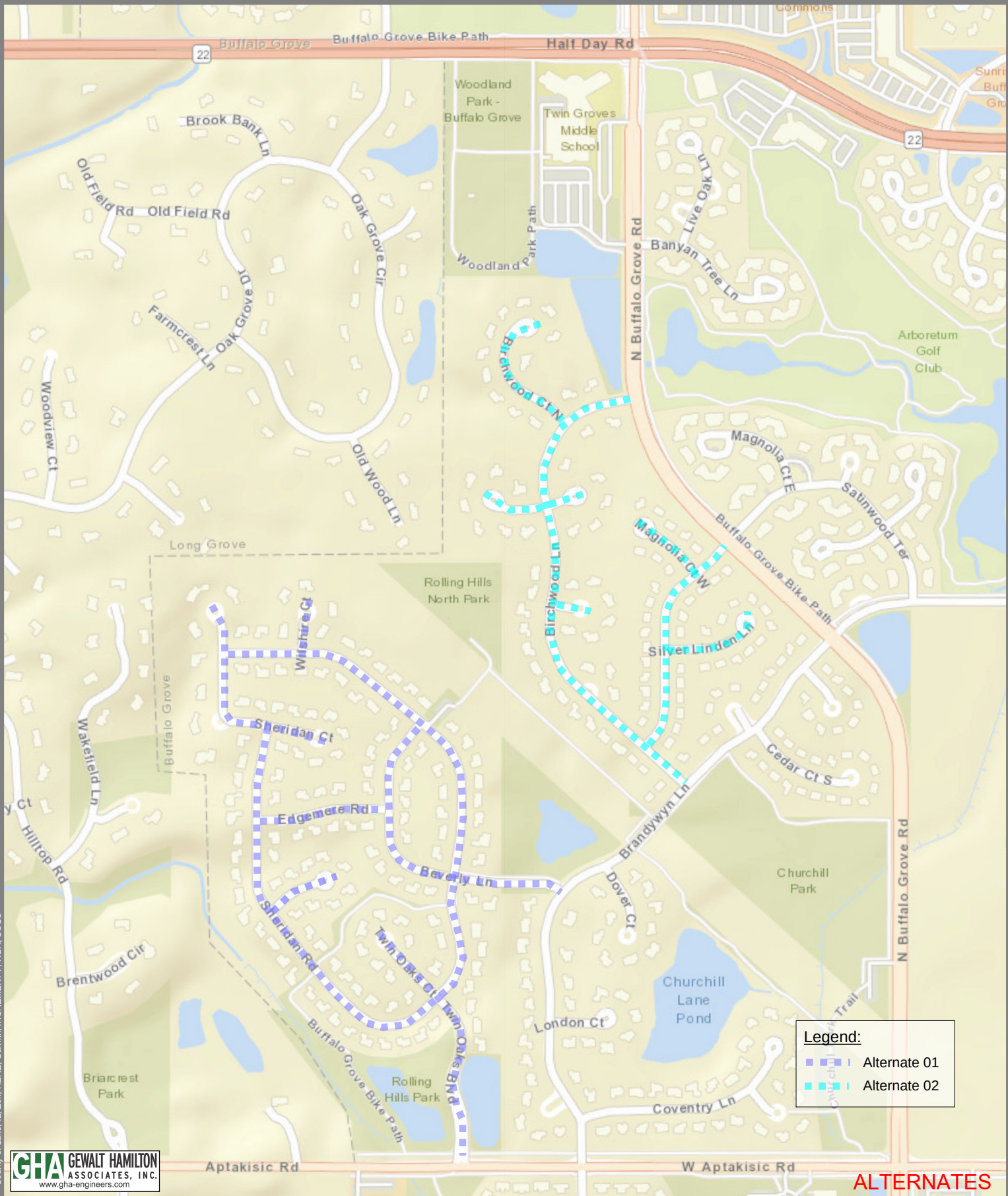
2024 Sidewalk Improvement Project

Village of Buffalo Grove



2024 Sidewalk Improvement Project

Class B Patches



1 in = 600 ft

2024 Sidewalk Improvement Project

Village of Buffalo Grove

Description of Work
2024 Sidewalk Improvements Project
Village of Buffalo Grove

This project includes existing sidewalk on local streets, owned, maintained, and within the Village of Buffalo Grove right-of-way which requires removal and replacement due to trip hazards, settlements, and/or heaving, to extend its serviceable life and protect the traveling public. These proposed improvements are considered spot repairs at various locations throughout the Village limits; no new sidewalk is being proposed.

The following is a list of streets including limits, and a brief description of work:

BASE BID:

Street	From/To
Bordeaux Court East	Brandywyn Ln to East End
Bordeaux Court West	West End to Brandywyn Ln
Lamont Terrace	Lockwood Dr to Larraway Dr
Larraway Drive	Deerfield Pkwy to Buffalo Grove Rd
Lasalle Court	Lasalle Ln to East End
Lasalle Lane	Brandywyn Ln to Buffalo Grove Rd
Lockwood Court West	Lockwood Dr to South End
Lockwood Drive	Ronnie Dr to Larraway Dr
Lyon Court	West End to Brandywyn Ln
Lyon Drive	Brandywyn Ln to Lasalle Ln
Various Locations	

The above street segments will include sidewalk removal and replacement, tree root pruning, driveway pavement removal and replacement, landscape restoration, and other associated improvements at various locations selected by the Engineer.
--

ALTERNATE 01:

Street	From/To
Beverly Lane	Sheridan Rd to Brandywyn Ln
Edgemere Road	Sheridan Rd to Beverly Ln
Sheridan Court	Sheridan Rd to East End
Sheridan Road	
Summer Court	Sheridan Rd to East End
Tree Farm Court	Sheridan Rd to North End
Twin Oaks Court	West End to Sheridan Rd
Twin Oaks Boulevard	Sheridan Rd to Aptakisic Rd

The above street segments will include sidewalk removal and replacement, tree root pruning, driveway pavement removal and replacement, landscape restoration, and other associated improvements at various locations selected by the Engineer.
--

ALTERNATE 02:

Street	From/To
Birchwood Court North	North End to Birchwood Ln
Birchwood Court South	Birchwood Ln to East End
Birchwood Lane	Buffalo Grove Rd to Brandywyn Ln

Hackberry Court East	Birchwood Ln to East End
Hackberry Court West	West End to Birchwood Ln
Magnolia Court West	West End to Satinwood Terr
Satinwood Terrace	Birchwood Ln to Buffalo Grove Rd
Silver Linder Lane	Satinwood Terr to East End

The above street segments will include sidewalk removal and replacement, tree root pruning, driveway pavement removal and replacement, landscape restoration, and other associated improvements at various locations selected by the Engineer.

SUMMARY OF QUANTITIES

LOCATION #	LOCATION	LENGTH (FT)	WIDTH (FT)	PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT)	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD)	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD)	TREE ROOT PRUNING (EA)	GENERAL LANDSCAPE RESTORATION (SQ YD)
BASE BID										
Bordeaux Court E										
1	602 Bordeaux Ct. E	19.6	5	98.0					1	
2	609 Bordeaux Ct. E	10.2	5	51.0					1	
3	603 Bordeaux Ct. E	5.2	5	26.0						
4	601 Bordeaux Ct. E	26.6	5	133.0					1	
5	609 Bordeaux Ct. E	10	5	50.0					1	
6	615 Bordeaux Ct. E	5.5	5	27.5					1	
7	603 Bordeaux Ct. E	5.4	5	27.0		12	10	2		
Bordeaux Court W										
8	612 Bordeaux Ct. W	10	5	50.0					1	
9	604 Bordeaux Ct. W	5.4	5	27.0					1	
10	615 Bordeaux Ct. W	16.6	5	83.0					1	
11	624 Bordeaux Ct. W	32.2	5	161.0					1	
12	608 Bordeaux Ct. W	5.2	5	26.0					1	
Brandywyn Lane										
13	1580 Brandywyn Ln	5.3	5	26.5					1	
14	1573 Brandywyn Ln	5	5	25.0					1	
15	1580 Brandywyn Ln	5	5	25.0						
16	1580 Brandywyn Ln	10.4	5	52.0		12	10	2		
Lamont Terrace										
17	411 Lamont Ter	10.2	5	51.0						
18	414 Lamont Ter	10.2	5	51.0						
19	426 Lamont Ter	10.4	4	41.6					1	
20	423 Lamont Ter	15.4	5	77.0					1	
21	426 Lamont Ter	11	5	55.0						
22	400 Lamont Ter	19.6	5	98.0					1	
23	401 Lamont Ter	5.2	5	26.0						
24	405 Lamont Ter	5.2	5	26.0						
25	416 Lamont Ter	15	5	75.0					1	
26	405 Lamont Ter	5.2	5	26.0						
27	410 Lamont Ter	21.8	5	109.0					1	
28	404 Lamont Ter	11	5	55.0						
29	402 Lamont Ter	5.2	5	26.0						
30	426 Lamont Ter	5.4	5	27.0					1	
31	424 Lamont Ter	5.4	5	27.0					1	
32	422 Lamont Ter	14.6	5	73.0					1	
Larraway Drive										
33	1202 Larraway Dr	10.2	5	51.0					1	
34	1215 Larraway Dr	14.5	5	72.5						
35	1112 Larraway Dr	10	5	50.0						
36	1107 Larraway Dr	10	5	50.0						
37	1210 Larraway Dr	10	5	50.0					1	
38	1119 Larraway Dr	5.6	5	28.0						
39	1111 Larraway Dr	10.4	5	52.0						
40	1115 Larraway Dr	14.4	5	72.0						
41	1213 Larraway Dr	10.1	5	50.5						
42	1116 Larraway Dr	10	5	50.0					1	
43	1107 Larraway Dr	10	5	50.0						
44	1112 Larraway Dr	5.4	5	27.0						
45	1211 Larraway Dr	34.4	5	172.0					1	
46	1202 Larraway Dr	9.9	5	49.5					1	
Lasalle Court										
47	558 Lasalle Ct	11	5	55.0					1	
48	518 Lasalle Ct	6	5	30.0					1	
49	518 Lasalle Ct	26.6	5	133.0					1	
50	524 Lasalle Ct	13.6	5	68.0					1	
51	524 Lasalle Ct	4.5	5	22.5					1	
52	560 Lasalle Ct	5	5	25.0					1	
53	522 Lasalle Ct	5	5	25.0					1	
54	548 Lasalle Ct	5.6	5	28.0						
55	558 Lasalle Ct	5	5	25.0						
56	560 Lasalle Ct	10.4	4	41.6					1	

SUMMARY OF QUANTITIES

LOCATION #	LOCATION	LENGTH (FT)	WIDTH (FT)	PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT)	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD)	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD)	TREE ROOT PRUNING (EA)	GENERAL LANDSCAPE RESTORATION (SQ YD)
57	524 Lasalle Ct	5	5	25.0					1	
58	560 Lasalle Ct	5.6	5	28.0					1	
Lasalle Lane										
59	502 Lasalle Ln	5.2	5	26.0						
60	502 Lasalle Ln	5.2	5	26.0						
61	497 Lasalle Ln	10.4	5	52.0					1	
62	541 Lasalle Ln	10.4	5	52.0					1	
63	513 Lasalle Ln	10	5	50.0						
64	504 Lasalle Ln	8.6	5	43.0					1	
65	501 Lasalle Ln	15.2	5	76.0					1	
66	514 Lasalle Ln	15.2	5	76.0					1	
67	531 Lasalle Ln	5.4	5	27.0		12	10	2		
68	515 Lasalle Ln	5	5	25.0					1	
69	535 Lasalle Ln	5	5	25.0						
70	537 Lasalle Ln	15.4	5	77.0		12	10	2	1	
71	506 Lasalle Ln	15	5	75.0					1	
72	502 Lasalle Ln	5.2	5	26.0					1	
73	315 Lasalle Ln	5.2	5	26.0						
74	512 Lasalle Ln	21.4	5	107.0					1	
75	495 Lasalle Ln	15.6	5	78.0					1	
Lockwood Court E										
76	1145 Lockwood Ct. E	5	5	25.0						
77	1145 Lockwood Ct. E	10	5	50.0					1	
78	1145 Lockwood Ct. E	5	5	25.0						
79	1145 Lockwood Ct. E	11.2	5	56.0					1	
Lockwood Court W										
80	1142 Lockwood Ct. W	10	5	50.0					1	
81	1150 Lockwood Ct. W	5	5	25.0					1	
82	1146 Lockwood Ct. W	10.6	5	53.0		20	20		1	
83	1148 Lockwood Ct. W	12.4	5	62.0					1	
84	1150 Lockwood Ct. W	10	5	50.0					1	
85	1134 Lockwood Ct. W	15.6	5	78.0						
86	1136 Lockwood Ct. W	5	5	25.0					1	
Lockwood Drive										
87	1132 Lockwood Dr	14	5	70.0					1	
88	1149 Lockwood Dr	10	5	50.0					1	
89	1127 Lockwood Dr	15	5	75.0					1	
90	1100 Lockwood Dr	44	5	220.0					1	
91	1212 Lockwood Dr	10.2	5	51.0					1	
92	1133 Lockwood Dr	5	5	25.0						
93	1202 Lockwood Dr	5.2	5	26.0					1	
94	1206 Lockwood Dr	5.4	5	27.0						
95	1152 Lockwood Dr	10	5	50.0					1	
96	1105 Lockwood Dr	5	5	25.0						
97	1126 Lockwood Dr	5.2	5	26.0						
98	1132 Lockwood Dr	10	5	50.0						
99	1200 Lockwood Dr	10.6	5	53.0					1	
100	1208 Lockwood Dr	10.6	5	53.0					1	
101	1107 Lockwood Dr	5	5	25.0						
102	1213 Lockwood Dr	5	5	25.0					1	
103	1101 Lockwood Dr	5.2	5	26.0					1	
104	1126 Lockwood Dr	5	5	25.0						
105	1152 Lockwood Dr	10.4	5	52.0					1	
106	1117 Lockwood Dr	15	5	75.0						
107	1212 Lockwood Dr	10.2	5	51.0					1	
108	1210 Lockwood Dr	11.4	5	57.0					1	
109	1226 Lockwood Dr	15	5	75.0					1	
110	1101 Lockwood Dr	8.4	5	42.0						
111	1113 Lockwood Dr	11	5	55.0						
112	1133 Lockwood Dr	10	5	50.0						
113	1207 Lockwood Dr	5.2	5	26.0					1	
114	1132 Lockwood Dr	5.6	5	28.0						
115	1200 Lockwood Dr	5.4	5	27.0						
116	1203 Lockwood Dr	5	5	25.0						

SUMMARY OF QUANTITIES

LOCATION #	LOCATION	LENGTH (FT)	WIDTH (FT)	PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT)	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD)	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD)	TREE ROOT PRUNING (EA)	GENERAL LANDSCAPE RESTORATION (SQ YD)
117	1132 Lockwood Dr	15.2	5	76.0					1	
118	1102 Lockwood Dr	15	5	75.0						
119	1116 Lockwood Dr	5	5	25.0						
120	1151 Lockwood Dr	10	5	50.0					1	
121	1133 Lockwood Dr	5.2	5	26.0						
122	1152 Lockwood Dr	10	5	50.0						
123	1201 Lockwood Dr	10	5	50.0						
124	1128 Lockwood Dr	5	5	25.0		20	20			
125	1149 Lockwood Dr	5	5	25.0					1	
126	1126 Lockwood Dr	5.2	5	26.0		20	20			
Lyon Court										
127	601 Lyon Ct	10.4	5	52.0					1	
128	601 Lyon Ct	5.4	5	27.0						
129	612 Lyon Ct	5.4	5	27.0					1	
130	601 Lyon Ct	10.6	5	53.0						
131	615 Lyon Ct	10.6	5	53.0					1	
132	614 Lyon Ct	15.4	5	77.0					1	
133	604 Lyon Ct	10.2	5	51.0					1	
134	614 Lyon Ct	5.4	5	27.0						
135	607 Lyon Ct	5.4	5	27.0					1	
136	601 Lyon Ct	5.2	5	26.0					1	
137	615 Lyon Ct	5.4	5	27.0						
138	600 Lyon Ct	4.6	5	23.0					1	
139	601 Lyon Ct	5.4	5	27.0						
140	607 Lyon Ct	5	5	25.0						
141	606 Lyon Ct	15.2	5	76.0					1	
Lyon Drive										
142	507 Lyon Dr	5.2	5	26.0						
143	555 Lyon Dr	5	5	25.0					1	
144	547 Lyon Dr	5.2	5	26.0						
145	513 Lyon Dr	5	5	25.0					1	
146	514 Lyon Dr	10.4	5	52.0					1	
147	538 Lyon Dr	10.4	5	52.0					1	
148	512 Lyon Dr	10	5	50.0					1	
149	545 Lyon Dr	16.8	5	84.0					1	
150	528 Lyon Dr	9	5	45.0						
151	548 Lyon Dr	10.4	5	52.0					1	
152	547 Lyon Dr	5.2	5	26.0						
153	543 Lyon Dr	5.2	5	26.0						
154	542 Lyon Dr	5	5	25.0						
155	504 Lyon Dr	5	5	25.0						
156	505 Lyon Dr	5.2	5	26.0						
157	523 Lyon Dr	5.2	5	26.0					1	
158	518 Lyon Dr	5	5	25.0						
159	508 Lyon Dr	10.2	5	51.0					1	
160	558 Lyon Dr	20.2	5	101.0					1	
161	539 Lyon Dr	4.5	5	22.5						
162	518 Lyon Dr	10.4	5	52.0					1	
163	552 Lyon Dr	10.4	5	52.0					1	
164	516 Lyon Dr	10.4	5	52.0					1	
165	531 Lyon Dr	5.5	5	27.5						
166	551 Lyon Dr	7	5	35.0						
167	554 Lyon Dr	10.4	5	52.0					1	
168	536 Lyon Dr	5.4	5	27.0						
169	539 Lyon Dr	5.4	5	27.0					1	
170	531 Lyon Dr	10.2	5	51.0					1	
171	540 Lyon Dr	5	5	25.0					1	
172	555 Lyon Dr	10.2	5	51.0					1	
173	515 Lyon Dr	10.2	5	51.0					1	
174	539 Lyon Dr	15.2	5	76.0					1	
175	500 Lyon Dr	15.2	5	76.0						
Ronnie Drive										
176	441 Ronnie Dr	10.2	5	51.0					1	
177	441 Ronnie Dr	5.2	5	26.0						

SUMMARY OF QUANTITIES

LOCATION #	LOCATION	LENGTH (FT)	WIDTH (FT)	PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT)	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD)	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD)	TREE ROOT PRUNING (EA)	GENERAL LANDSCAPE RESTORATION (SQ YD)
Various										
178	Miscellaneous Public Works Locations			1000.0	150.0	100.0	100.0			
BASE BID TOTAL:				9,441.2	150.0	208.0	200.0	8.0	103.0	525.0
ALTERNATE 01										
Beverly Lane										
1	1952 Beverly Ln	5.4	5.0	27.0						
2	1953 Beverly Ln	4.6	5.0	23.0					1	
3	1916 Beverly Ln	5.0	5.0	25.0					1	
4	1953 Beverly Ln	5.2	5.0	26.0					1	
5	1916 Beverly Ln	10.0	5.0	50.0					1	
6	1952 Beverly Ln	5.0	5.0	25.0						
7	1916 Beverly Ln	5.8	5.0	29.0						
8	1908 Beverly Ln	15.2	5.0	76.0					1	
9	1953 Beverly Ln	10.2	5.0	51.0					1	
10	1949 Beverly Ln	14.6	5.0	73.0					1	
11	1936 Beverly Ln	5.4	5.0	27.0					1	
12	1912 Beverly Ln	4.6	5.0	23.0						
13	1952 Beverly Ln	17.2	5.0	86.0					1	
14	1949 Beverly Ln	9.6	5.0	48.0						
15	1952 Beverly Ln	16.4	5.0	82.0					1	
16	1945 Beverly Ln	5.2	5.0	26.0					1	
17	1932 Beverly Ln	5.4	5.0	27.0						
18	1941 Beverly Ln	6.8	5.0	34.0					1	
19	1912 Beverly Ln	6.0	5.0	30.0						
20	1936 Beverly Ln	5.8	5.0	29.0						
21	1928 Beverly Ln	4.6	5.0	23.0					1	
22	1916 Beverly Ln	4.6	5.0	23.0						
23	1941 Beverly Ln	5.2	5.0	26.0					1	
24	1933 Beverly Ln	10.2	5.0	51.0					1	
25	1916 Beverly Ln	19.2	5.0	96.0					1	
26	1949 Beverly Ln	6.4	5.0	32.0						
27	1952 Beverly Ln	7.0	5.0	35.0					1	
28	1928 Beverly Ln	6.0	5.0	30.0						
29	1937 Beverly Ln	4.0	5.0	20.0						
30	1920 Beverly Ln	10.4	5.0	52.0					1	
31	1933 Beverly Ln	10.0	5.0	50.0					1	
32	1953 Beverly Ln	6.0	5.0	30.0						
33	1932 Beverly Ln	5.0	5.0	25.0						
34	1953 Beverly Ln	4.8	5.0	24.0					1	
35	1933 Beverly Ln	10.4	5.0	52.0					1	
36	1912 Beverly Ln	5.0	5.0	25.0					1	
Brandywyn Lane										
88	2102 Brandywyn Ln	13.0	5.0	65.0					1	
89	1906 Brandywyn Ln	5.4	5.0	27.0					1	
90	1806 Brandywyn Ln	14.4	5.0	72.0						
91	1906 Brandywyn Ln	6.0	5.0	30.0						
92	2102 Brandywyn Ln	5.4	5.0	27.0					1	
Edgemere Road										
93	790 Edgemere Rd	10.6	5.0	53.0					1	
94	791 Edgemere Rd	5.2	5.0	26.0					1	
95	801 Edgemere Rd	4.4	5.0	22.0					1	
96	811 Edgemere Rd	10.6	5.0	53.0						
97	801 Edgemere Rd	21.2	5.0	106.0					1	
98	781 Edgemere Rd	5.6	5.0	28.0						
99	781 Edgemere Rd	5.4	5.0	27.0					1	
100	801 Edgemere Rd	5.2	5.0	26.0						
101	810 Edgemere Rd	10.6	5.0	53.0					1	
102	791 Edgemere Rd	10.6	5.0	53.0					1	
Sheridan Court										
135	2002 Sheridan Ct	28.2	5.0	141.0					1	
136	1994 Sheridan Ct	4.2	5.0	21.0					1	
137	2014 Sheridan Ct	5.2	5.0	26.0						

SUMMARY OF QUANTITIES

LOCATION #	LOCATION	LENGTH (FT)	WIDTH (FT)	PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT)	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD)	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD)	TREE ROOT PRUNING (EA)	GENERAL LANDSCAPE RESTORATION (SQ YD)
138	2026 Sheridan Ct	5.8	5.0	29.0						
139	2014 Sheridan Ct	5.2	5.0	26.0						
140	2026 Sheridan Ct	5.6	5.0	28.0						
141	1994 Sheridan Ct	5.4	5.0	27.0						
142	1998 Sheridan Ct	6.2	5.0	31.0					1	
143	1990 Sheridan Ct	5.0	5.0	25.0						
Sheridan Road										
144	2111 Sheridan Rd	10.2	5.0	51.0						
145	2003 Sheridan Rd	5.4	5.0	27.0					1	
146	1947 Sheridan Rd	9.4	5.0	47.0						
147	1974 Sheridan Rd	4.6	5.0	23.0					1	
148	1931 Sheridan Rd	7.0	5.0	35.0					1	
149	1942 Sheridan Rd	10.4	5.0	52.0						
150	1922 Sheridan Rd	5.0	5.0	25.0					1	
151	2038 Sheridan Rd	5.2	5.0	26.0					1	
152	2087 Sheridan Rd	5.4	5.0	27.0					1	
153	1930 Sheridan Rd	10.4	5.0	52.0					1	
154	1967 Sheridan Rd	5.6	5.0	28.0						
155	2099 Sheridan Rd	5.0	5.0	25.0		20	20		1	
156	1947 Sheridan Rd	6.2	5.0	31.0						
157	1911 Sheridan Rd	6.4	5.0	32.0						
158	1971 Sheridan Rd	10.4	5.0	52.0					1	
159	2027 Sheridan Rd	5.0	5.0	25.0					1	
160	2023 Sheridan Rd	7.6	5.0	38.0						
161	2039 Sheridan Rd	5.2	5.0	26.0						
162	2103 Sheridan Rd	5.6	5.0	28.0					1	
163	2123 Sheridan Rd	8.0	5.0	40.0						
164	1978 Sheridan Rd	5.2	5.0	26.0					1	
165	1907 Sheridan Rd	10.4	5.0	52.0					1	
166	2038 Sheridan Rd	11.2	5.0	56.0					1	
167	2110 Sheridan Rd	4.6	5.0	23.0						
168	2123 Sheridan Rd	14.0	5.0	70.0						
169	1947 Sheridan Rd	5.4	5.0	27.0						
170	2027 Sheridan Rd	14.6	5.0	73.0						
171	1927 Sheridan Rd	10.4	5.0	52.0					1	
172	2035 Sheridan Rd	15.4	5.0	77.0					1	
173	1955 Sheridan Rd	6.2	5.0	31.0						
174	1942 Sheridan Rd	10.4	5.0	52.0					1	
175	1963 Sheridan Rd	5.0	5.0	25.0						
176	2110 Sheridan Rd	5.4	5.0	27.0					1	
177	2055 Sheridan Rd	10.0	5.0	50.0		20	20		1	
178	2059 Sheridan Rd	11.2	5.0	56.0					1	
179	2083 Sheridan Rd	4.4	5.0	22.0					1	
180	2035 Sheridan Rd	5.6	5.0	28.0						
181	1903 Sheridan Rd	10.4	5.0	52.0					1	
182	2035 Sheridan Rd	8.4	5.0	42.0					1	
183	1914 Sheridan Rd	10.4	5.0	52.0						
184	2079 Sheridan Rd	5.4	5.0	27.0						
185	2099 Sheridan Rd	5.0	5.0	25.0					1	
186	1966 Sheridan Rd	5.6	5.0	28.0						
187	1962 Sheridan Rd	5.0	5.0	25.0					1	
188	1930 Sheridan Rd	10.2	5.0	51.0					1	
189	1915 Sheridan Rd	5.4	5.0	27.0						
190	2019 Sheridan Rd	4.6	5.0	23.0					1	
191	1911 Sheridan Rd	5.6	5.0	28.0		20	20			
192	2091 Sheridan Rd	9.0	5.0	45.0						
193	2123 Sheridan Rd	5.2	8.0	41.6						
194	1914 Sheridan Rd	5.2	5.0	26.0						
195	2019 Sheridan Rd	5.2	5.0	26.0						
196	2102 Sheridan Rd	8.6	5.0	43.0						
197	1918 Sheridan Rd	15.4	5.0	77.0					1	
198	1919 Sheridan Rd	4.0	5.0	20.0						
199	1986 Sheridan Rd	5.4	5.0	27.0					1	
200	2090 Sheridan Rd	5.4	5.0	27.0						
201	2106 Sheridan Rd	5.6	5.0	28.0					1	

SUMMARY OF QUANTITIES

LOCATION #	LOCATION	LENGTH (FT)	WIDTH (FT)	PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT)	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD)	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD)	TREE ROOT PRUNING (EA)	GENERAL LANDSCAPE RESTORATION (SQ YD)
202	1947 Sheridan Rd	10.4	5.0	52.0						
203	1978 Sheridan Rd	10.4	5.0	52.0						
204	1903 Sheridan Rd	10.4	5.0	52.0						
205	2102 Sheridan Rd	10.0	5.0	50.0					1	
206	1926 Sheridan Rd	8.0	5.0	40.0					1	
207	1911 Sheridan Rd	10.4	5.0	52.0					1	
208	1926 Sheridan Rd	5.0	5.0	25.0					1	
209	2003 Sheridan Rd	5.6	5.0	28.0					1	
210	2123 Sheridan Rd	8.0	5.0	40.0						
211	1970 Sheridan Rd	5.2	5.0	26.0						
212	2106 Sheridan Rd	10.0	5.0	50.0					1	
213	2075 Sheridan Rd	5.4	5.0	27.0						
214	1962 Sheridan Rd	5.2	5.0	26.0					1	
215	2110 Sheridan Rd	5.2	5.0	26.0						
216	2038 Sheridan Rd	10.4	5.0	52.0						
217	1942 Sheridan Rd	30.0	5.0	150.0					1	
218	1919 Sheridan Rd	16.4	5.0	82.0					1	
219	1966 Sheridan Rd	10.4	5.0	52.0		20.0	20.0			
220	1923 Sheridan Rd	5.2	5.0	26.0						
221	1918 Sheridan Rd	5.4	5.0	27.0					1	
222	2059 Sheridan Rd	4.6	5.0	23.0					1	
223	1919 Sheridan Rd	5.0	5.0	25.0						
Summer Court										
229	803 Summer Ct	12.8	5.0	64.0					1	
230	801 Summer Ct	5.2	5.0	26.0						
231	817 Summer Ct	15.6	5.0	78.0					1	
232	807 Summer Ct	5.4	5.0	27.0		20.0	20.0			
233	801 Summer Ct	5.4	5.0	27.0					1	
234	815 Summer Ct	10.2	5.0	51.0						
235	801 Summer Ct	15.4	5.0	77.0					1	
236	801 Summer Ct	15.4	5.0	77.0					1	
237	817 Summer Ct	9.8	5.0	49.0					1	
238	815 Summer Ct	9.4	5.0	47.0						
239	807 Summer Ct	21.6	5.0	108.0					1	
Tree Farm Court										
240	2007 Tree Farm Ct	11.2	5.0	56.0		20.0	20.0		1	
241	2007 Tree Farm Ct	6.2	5.0	31.0						
242	2015 Tree Farm Ct	5.4	5.0	27.0					1	
Twin Oaks Boulevard										
243	618 Twin Oaks Blvd.	10.4	5.0	52.0						
244	1891 Twin Oaks Blvd	5.0	5.0	25.0					1	
245	1871 Twin Oaks Blvd	5.4	5.0	27.0					1	
246	1891 Twin Oaks Blvd	15.4	5.0	77.0					1	
247	1871 Twin Oaks Blvd	10.4	5.0	52.0					1	
248	1881 Twin Oaks Blvd	10.4	5.0	52.0					1	
249	618 Twin Oaks Blvd.	10.4	5.0	52.0						
250	1871 Twin Oaks Blvd	12.0	5.0	60.0						
Twin Oaks Court										
251	1901 Twin Oaks Ct	18.4	5.0	92.0					1	
252	1921 Twin Oaks Ct	16.6	5.0	83.0		20.0	20.0			
253	1931 Twin Oaks Ct	10.6	5.0	53.0					1	
254	1920 Twin Oaks Ct	5.2	5.0	26.0						
255	1920 Twin Oaks Ct	5.4	5.0	27.0					1	
256	1910 Twin Oaks Ct	4.8	5.0	24.0						
257	1930 Twin Oaks Ct	11.4	5.0	57.0		20.0	20.0			
258	1920 Twin Oaks Ct	4.6	5.0	23.0						
Wilshire Court										
259	1987 Wilshire Ct	11.0	5.0	55.0						
260	1983 Wilshire Ct	6.2	5.0	31.0					1	
261	1983 Wilshire Ct	5.2	5.0	26.0					1	
262	1995 Wilshire Ct	5.6	5.0	28.0						
263	1979 Wilshire Ct	5.6	5.2	29.1						

ALTERNATE 01 TOTAL:

7,289.7

160.0

160.0

95.0

SUMMARY OF QUANTITIES

LOCATION #	LOCATION	LENGTH (FT)	WIDTH (FT)	PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT)	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD)	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD)	TREE ROOT PRUNING (EA)	GENERAL LANDSCAPE RESTORATION (SQ YD)
ALTERNATE 02										
Birchwood Court N										
37	2322 Birchwood Ct. N	6.4	5.0	32.0					1	
38	2322 Birchwood Ct. N	5.2	5.0	26.0					1	
39	2302 Birchwood Ct. N	3.8	5.0	19.0						
40	2316 Birchwood Ct. N	5.6	5.0	28.0					1	
41	2320 Birchwood Ct. N	5.6	5.0	28.0						
42	2322 Birchwood Ct. N	5.2	5.0	26.0						
43	2310 Birchwood Ct. N	5.4	5.0	27.0					1	
44	2322 Birchwood Ct. N	14.6	5.0	73.0					1	
Birchwood Court S										
45	2117 Birchwood Ct. S	5.2	5.0	26.0					1	
46	2127 Birchwood Ct. S	5.2	5.0	26.0					1	
47	2127 Birchwood Ct. S	5.2	5.0	26.0					1	
48	2127 Birchwood Ct. S	5.2	5.0	26.0					1	
49	2123 Birchwood Ct. S	5.2	5.0	26.0					1	
50	2117 Birchwood Ct. S	5.2	5.0	26.0					1	
51	2117 Birchwood Ct. S	9.2	5.0	46.0					1	
52	2117 Birchwood Ct. S	5.8	5.0	29.0					1	
Birchwood Lane										
53	2127 Birchwood Ln.	5.4	5.0	27.0						
54	2127 Birchwood Ln.	5.4	5.0	27.0						
55	2117 Birchwood Ln.	5.2	5.0	26.0					1	
56	2117 Birchwood Ln.	5.2	5.0	26.0					1	
57	2117 Birchwood Ln.	5.2	5.0	26.0					1	
58	612 Birchwood Ln.	5.6	5.0	28.0						
59	609 Birchwood Ln.	4.6	5.0	23.0					1	
60	2127 Birchwood Ln.	6.2	5.0	31.0						
61	600 Birchwood Ln.	12.4	5.0	62.0						
62	2117 Birchwood Ln.	5.2	5.0	26.0					1	
63	2115 Birchwood Ln	5.6	5.0	28.0						
64	2115 Birchwood Ln	6.0	5.0	30.0					1	
65	2115 Birchwood Ln	5.0	5.0	25.0						
66	2301 Birchwood Ln	11.0	5.0	55.0					1	
67	2115 Birchwood Ln	6.0	5.0	30.0					1	
68	2305 Birchwood Ln	18.0	5.0	90.0					1	
69	2115 Birchwood Ln	5.0	5.0	25.0						
70	2116 Birchwood Ln	11.0	5.0	55.0					1	
71	2115 Birchwood Ln	5.2	5.0	26.0						
72	2115 Birchwood Ln	10.2	5.0	51.0					1	
73	2115 Birchwood Ln	5.2	5.0	26.0					1	
74	2326 Birchwood Ln	10.0	5.0	50.0					1	
75	2101 Birchwood Ln	5.3	5.0	26.5					1	
76	2111 Birchwood Ln	5.4	5.0	27.0					1	
77	2124 Birchwood Ln	5.2	5.0	26.0					1	
78	2108 Birchwood Ln	5.0	5.0	25.0						
79	2110 Birchwood Ln	5.6	5.0	28.0					1	
80	2111 Birchwood Ln	10.2	5.0	51.0					1	
81	2301 Birchwood Ln	10.0	5.0	50.0					1	
82	2324 Birchwood Ln	19.2	5.0	96.0					1	
83	2110 Birchwood Ln	6.0	5.0	30.0					1	
84	2326 Birchwood Ln	5.2	5.0	26.0					1	
85	2118 Birchwood Ln	5.0	5.0	25.0					1	
86	2326 Birchwood Ln	9.4	5.0	47.0					1	
87	2115 Birchwood Ln	10.6	5.0	53.0						
Hackberry Court E										
103	605 Hackberry Ct. E	15.2	5.0	76.0		20	20		1	
104	605 Hackberry Ct.. E	5.4	5.0	27.0					1	
105	609 Hackberry Ct. E	14.6	5.0	73.0					1	
Hackberry Court W										
106	600 Hackberry Ct. W	9.4	5.0	47.0					1	
107	612 Hackberry Ct. W	4.6	5.0	23.0					1	
108	602 Hackberry Ct. W	17.8	5.0	89.0					1	

SUMMARY OF QUANTITIES

LOCATION #	LOCATION	LENGTH (FT)	WIDTH (FT)	PCC SIDEWALK REMOVAL & REPLACEMENT (SQ FT)	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (FOOT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVEMENT, 6 INCH (SQ YD)	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3" (SQ YD)	TREE ROOT PRUNING (EA)	GENERAL LANDSCAPE RESTORATION (SQ YD)
109	600 Hackberry Ct. W	4.8	5.0	24.0					1	
110	600 Hackberry Ct. W	21.6	5.0	108.0					1	
111	600 Hackberry Ct. W	5.0	5.0	25.0						
112	600 Hackberry Ct. W	10.0	5.0	50.0					1	
Magnolia Court W										
113	2208 Magnolia Ct. W	5.2	5.0	26.0					1	
114	2212 Magnolia Ct. W	9.4	5.0	47.0					1	
115	2210 Magnolia Ct. W	10.4	5.0	52.0						
116	2210 Magnolia Ct. W	10.6	5.0	53.0					1	
117	2214 Magnolia Ct. W	5.2	5.0	26.0						
118	2210 Magnolia Ct. W	5.4	5.0	27.0					1	
Satinwood Terrace										
119	489 Satinwood Ter	8.8	5.0	44.0					1	
120	500 Satinwood Ter	10.0	5.0	50.0					1	
121	493 Satinwood Ter	10.4	5.0	52.0					1	
122	500 Satinwood Ter	9.2	5.0	46.0					1	
123	499 Satinwood Ter	5.4	5.0	27.0					1	
124	495 Satinwood Ter	4.8	5.0	24.0					1	
125	489 Satinwood Ter	5.4	5.0	27.0					1	
126	481 Satinwood Ter	11.2	5.0	56.0					1	
127	483 Satinwood Ter	5.2	5.0	26.0					1	
128	485 Satinwood Ter	10.4	5.0	52.0					1	
129	496 Satinwood Ter	10.0	5.0	50.0					1	
130	497 Satinwood Ter	5.4	5.0	27.0		20	20			
131	494 Satinwood Ter	5.0	5.0	25.0					1	
132	2214 Satinwood Ter	15.6	5.0	78.0					1	
133	493 Satinwood Ter	5.4	5.0	27.0					1	
134	500 Satinwood Ter	5.4	5.0	27.0					1	
Silver Linden Lane										
224	2137 Silver Linden Ln	4.2	5.0	21.0					1	
225	2153 Silver Linden Ln	10.2	5.0	51.0					1	
226	2141 Silver Linden Ln	10.2	5.0	51.0					1	
227	2133 Silver Linden Ln	10.0	5.0	50.0					1	
228	2147 Silver Linden Ln	4.8	5.0	24.0					1	

ALTERNATE 02 TOTAL: 3,401.5 40.0 40.0 70.0

* All locations and measurements are approximate; exact locations and measurements shall be determined in the field by the Engineer.



Local Public Agency

County

Section Number

Village of Buffalo Grove

Cook

24-00000-02-GM

☐ Check this box for lettings prior to 01/01/2024.

The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

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Local Public Agency	County	Section Number
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The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Local Roads And Streets Recurring Special Provisions

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Local Public Agency	County	Section Number
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The following Special Provision supplement the "Standard Specifications for Road and Bridge Construction", adopted

January 1, 2022, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation of bids, and the Supplemental Specification and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of the above named section, and in case of conflict with any parts, or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

2024 Sidewalk Improvements Project

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General Conditions

1. General Conditions

It is the policy of the Municipality and other governing agencies to set standards for the performance of road and bridge construction. This contract shall expressly adhere to the 'Standard Specifications for Road and Bridge Construction', latest edition, and the 'Standard Specifications for Water and Sewer Main Construction in Illinois', latest edition, unless otherwise specified herein.

2. Scope of Work

The provisions of Article 104.02 of the Standard Specifications are hereby amended as follows: **"The Village of Buffalo Grove (Village) expressly reserves the right to remove from or add to the project any portions thereof included in the 2024 Sidewalk Improvements Project. Such additions or reductions, if any, shall be made in writing by the Village prior to execution of the Contract Documents. Any addition or reduction in the scope of work required by the Village prior to the execution of the Contract Documents shall not result in an adjustment to the contract or to the price originally bid."**

3. Definition of Village of Buffalo Grove

All references in the contract relating to the Department, Awarding Authority, Village of Buffalo Grove, Village etc. shall mean the Village of Buffalo Grove.

4. Clean Construction and Demolition Debris (CCDD) Material Disposal

Work under this item shall be performed in compliance with the Illinois Environmental Protection Agency (IEPA) guidelines in effect at the time of construction.

The Contractor will be required to make all arrangements for coordination and submission of the necessary documents with their chosen CCDD or other suitable disposal facility. Written confirmation of preliminary approval must be provided from the disposal facility and confirmed by the Owner as acceptable.

All surplus, clean material generated from the Contractor's activities must be disposed of at an IEPA permitted CCDD or otherwise acceptable facility. The Contractor is responsible for providing documentation to the Owner for each load hauled off-site showing the quantity of material and the location the material was disposed of.

Disposal of clean material not in compliance with these requirements will constitute breach of contract. If the Contractor fails to provide adequate documentation supporting the legal disposal of clean material according to this special provision, the Contractor shall be fined \$1,000 per load of material and will assume all liability associated with material disposed of not in compliance with this special provision.

No extra compensation will be allowed to the Contractor for any expenses incurred complying with these requirements including but not limited to: delays, inconvenience, or interruptions in the work resulting from compliance with these requirements. All costs associated with material disposal shall be included into the appropriate unit bid prices for the work.

5. JULIE Notification

The Contractor shall call the Joint Utility Locating Information for Excavators (JULIE) (1-800-892-0123 or 811), a minimum of forty-eight (48) hours in advance of work being done in the area in accordance with Article 107.39 of the Standard Specifications.

For utilities which are not members, excluding homeowners, the Contractor shall contact the owners directly. The Contractor will be required to cooperate with all utility companies and municipal agencies involved in connection with the removal, temporary relocation, reconstruction or abandonment by these agencies of any and all services.

No additional compensation will be allowed the Contractor for any expense incurred by complying with these requirements, or because of delays, inconvenience or interruptions in his work resulting from the failure of the municipal agencies or utility company to remove, relocate, reconstruct or abandon their services.

6. Notice to Bidders

All bid proposals must be submitted electronically through the Village's Vendor Registry online procurement system. **Hard copy bids will not be accepted.** As read results of the bids will be posted to the Village's webpage, www.vbg.org/bids as soon as possible following the bid opening. In order to submit a bid proposal, bidders

- a. Go to www.vbg.org/bids
- b. Select on the project description, '2024 Sidewalk Improvements Project' and click the large red button at the top

SUBMIT BID

- c. Log in to your account and enter your total bid.
- d. Include an attachment (up to 200 MB), the following bid documents only:
 - i. Local Public Agency Formal Contract Proposal
 - ii. Schedule of Prices
 - iii. Local Agency Proposal Bid Bond
- e. The following documents will be requested by the two (2) as read low bidders immediately following the bid opening:
 - i. Apprenticeship or Training Program Certification
 - ii. Affidavit of Illinois Business Office
 - iii. Affidavit of Availability
 - iv. Village of Buffalo Grove Public Contract Statements

All bids will be opened and read publicly via the Microsoft Teams video conferencing platform.

Please join on your computer, mobile app or room device

<https://shorturl.at/awEOW>

Meeting ID: 284 795 904 48

Passcode: 6wvpgz

7. Village Contractor Registration

All bidders are required to fully register with the Village of Buffalo Grove, including IRS Form W-9, at:

<https://vrapp.vendorregistry.com/Vendor/Register/Index/buffalo-grove-village-of-il-vendor-registration>

OR

www.vbg.org/bids

Select the link 'Register My Business'

Please contact Vendor Registry at (844) 802-9202 for assistance in the registration process.

The Village of Buffalo Grove reserves the right to reject any or all proposals if the bidder does not comply with the requirements as stated herein.

8. Completion Date

The Contractor shall commence the work to be performed under this contract, on or near Monday, June 3, 2024. The work shall be prosecuted in such a manner and with such a supply of materials, equipment and labor as considered necessary to ensure its completion according to the time specified in the contract. The Contractor shall have fifteen (15) working days from the actual date the Contractor begins work to complete this project. An additional ten (10) working days will be allowed if the Village awards Alternate 01, and an additional five (5) working days will be allowed if the Village awards Alternate 02. All work shall be completed, regardless of what is awarded or the actual start date by **Friday, August 2, 2024**, including punch list items, as defined in Article 108.04 of the Standard Specifications.

In case of failure to complete the work on time, the provisions of Article 108.09 of the Standard Specifications shall apply following the calendar day schedule of deductions.

The estimated Village Board award date for this project is Monday, February 21, 2024.

9. Contract Sequencing

The Contractor shall notify the Engineer at least 72 hours in advance of beginning work and 48 hours prior to construction commencement on each subsequent street. Construction operations shall be conducted in a manner such that streets will remain open to all traffic. At no time shall residents or business owners be kept out of their driveway over a weekend or holiday as defined in article 107.09 of the Standard Specifications.

Work shall be scheduled so that it is continuous on the various roadways. The Contractor and approved Subcontractor(s) shall, at all times, employ and provide sufficient labor, tools, equipment, and other incidental items for prosecuting the work to full completion in the manner and time required by the contract.

10. Construction Work Periods

Construction operations shall be completed in accordance with Article 107.09 of the Standard Specifications. All work shall be confined to the period beginning at 7:00 AM and ending at 6:00 PM on weekdays. No work shall be done on weekends or legal holiday periods as defined in Article 107.09 of the Standard Specifications.

Any work outside the allowed time periods specified including but not limited to, material deliveries, mobilization of equipment, warming up machinery, and mobilization of equipment, a penalty of \$1,000 per occurrence may be imposed.

11. Pre-Construction Meeting

Prior to commencing any construction operations, there shall be a pre-construction meeting. The Owner or Engineer will set the time and date of the meeting following Contract award.

The following shall be submitted by the Contractor for review at the pre-construction meeting:

A Progress Schedule in accordance with Article 108.02.

The 24-hour emergency phone number and contact information of the assigned Contractor's superintendent, or otherwise.

The name and 24-hour emergency phone number of the person in the direct employ of the Contractor who is responsible for administering the Traffic Control and Protection on the Contract

A list of subcontractors with contact information, including but not limited to name, phone number, and email address, and include quantity and type of work to be sublet for each respective subcontractor in accordance with Article 108.01 of the Standard Specifications.

A list of proposed sources of material.

Hot-mix asphalt and concrete mix designs, and respective quality control plans.

Any applicable shop drawing submittals.

12. Authority of the Engineer

Revise Article 105.01 Authority of Engineer to read:

"All work shall be done in accordance with the requirements of the Contract, the Engineer shall have the right, but not the obligation, to observe all work. The Engineer shall decide all questions that arise as to the interpretation of the Plans and Specifications and as to disputes and mutual rights between Contractors under the Specifications. The Engineer shall advise the Village of Buffalo Grove as to the quality and acceptability of materials furnished and work performed, rate of progress of the work, and acceptable fulfillment of the Contract. The Engineer will determine the amount of materials furnished and work performed. The Engineer's advice and determinations shall be conditions precedent to the right of the Contractor to receive money due the Contractor under the Contract."

"The Engineer will notify the Contractor in writing if the work is to be suspended by the Village of Buffalo Grove wholly or in part due to the failure of the Contractor to carry out provisions of the contract; for failure to carry out orders; for such periods due to unsuitable weather; for conditions considered unsuitable for the prosecution of the work or for any other condition or reason deemed to be in the public interest."

"In case of failure on the part of the Contractor to execute work as directed by the Engineer, the Village of Buffalo Grove may, at the expiration of a period of 48 hours after giving notice in writing to the Contractor, proceed to execute such work as may be deemed necessary, and the cost thereof shall be deducted from compensation due or which may become due to the Contractor under the contract."

The Engineer shall not assume any of the responsibilities of the Contractor's superintendent or of subcontractors; shall not expedite the work for the Contractor; and shall not advise on, or issue directions concerning aspects of construction means, methods, techniques, sequences or procedures, or safety precautions in connection with the work.

13. Status of Utilities (D-1)

Effective: June 1, 2016
Revised: January 1, 2020

Utility companies and/or municipal owners located within the construction limits of this project have provided the following information regarding their facilities and the proposed improvements. The tables below contain a description of specific conflicts to be resolved and/or facilities which will require some action on the part of the Department's contractor to proceed with work. Each table entry includes an identification of the action necessary and, if applicable, the estimated duration required for the resolution.

UTILITIES TO BE ADJUSTED

Conflicts noted below have been identified by following the suggested staging plan included in the contract. The company has been notified of all conflicts and will be required to obtain the necessary permits to complete their work; in some instances, resolution will be a function of the construction staging. The responsible agency must relocate, or complete new installations as noted below; this work has been deemed necessary to be complete for the Department's contractor to then work in the stage under which the item has been listed.

No conflicts to be resolved.

UTILITIES TO BE WATCHED AND PROTECTED

The areas of concern noted below have been identified by following the suggested staging plan included for the contract. The information provided is not a comprehensive list of all remaining utilities, but those which during coordination were identified as ones which might require the Department's contractor to take into consideration when making the determination of the means and methods that would be required to construct the proposed improvement. In some instances, the contractor will be responsible to notify the owner in advance of the work to take place so necessary staffing on the owner's part can be secured.

No facilities requiring extra consideration.

The following contact information is what was used during the preparation of the plans as provided by the owner of the facility.

Agency/Company Responsible to Resolve Conflict	Name of Contact	Phone	E-mail address
AT&T Distribution	Janet Ahern Hector Garcia	(630) 573-6414 (630) 573-5465	Ja1763@att.com Hq2929@att.com
Comcast	Reena Thomas	(224) 229-5862	Reena_Thomas@comcast.com
ComEd	Terri Bleck		Terri.bleck@comed.com
Nicor Gas	Charles Parrott	(630) 388-3319	gasmaps@aglresources.com

The above represents the best information available to the Department and is included for the convenience of the bidder. The days required for conflict resolution should be considered in the bid as this information has also been factored into the timeline identified for the project when setting the completion date. The applicable portions of the Standard Specifications for Road and Bridge Construction shall apply.

Estimated duration of time provided above for the first conflicts identified will begin on the date of the executed contract regardless of the status of the utility relocations. The responsible agencies will be working toward resolving subsequent conflicts in conjunction with contractor activities in the number of days noted.

The estimated relocation duration must be part of the progress schedule submitted by the contractor. A utility kickoff meeting will be scheduled between the Department, the Department's contractor and the utility companies when necessary. The Department's contractor is responsible for contacting J.U.L.I.E. prior to all excavation work.

14. Existing Hardscape

Any damage to existing hardscape from tracked equipment or due to the Contractor's negligence, workmanship, or neglect shall be replaced at the Contractor's expense. It is recommended rubber tired or rubber tracked equipment is used. Any unwarranted disturbance to the existing hardscape to remain will warrant repairs made joint to joint and in conformance with the contract documents. The Engineer and Village shall determine the limits of removal and replacement, and all work shall be completed to their satisfaction.

15. Protection of Mailboxes

The Contractor shall take all necessary precautions when working near mailboxes within or adjacent to the project limits. If at the Contractor's discretion, a mailbox will interfere with construction operations, a temporary mailbox shall be located per the United States Postal Service requirements and the permanent mailbox reinstalled following said operation. At no time shall a resident be without a mailbox or not receive mail due to a mailbox being removed, replaced or damaged. The Contractor shall replace, at no additional cost to the Owner, any mailbox or post which has been damaged by the Contractor's operations due to neglect, misconduct or poor workmanship. The cost of all materials required and all labor necessary to comply with this specification herein will not be paid for separately, but shall be considered as included in the unit prices bid and no additional compensation shall be allowed.

The Contractor must maintain access for both residents and mail carriers to all mailboxes throughout the duration of the project.

16. Saw Cutting

The Contractor shall be required to perform a perpendicularly straight joint by full-depth machine sawing of all proposed items to be removed prior to removal operations to prevent damage or spalling to existing hardscape to remain. Simple or partial depth scoring shall not be permitted. Saw cut locations may or may not be shown on the plans, however, shall be required in the field. All sawcut slurry, regardless of the amount, shall be promptly removed to prevent tracking. Any slurry tracked or left on surfaces to remain shall be thoroughly cleaned or replaced, at the direction of the Village or Engineer, by the Contractor at no additional cost to the Village.

The Contractor shall replace, at no additional cost to the Village, any hardscape, outside of the limit of improvements, damaged by the Contractor's operations due to neglect, misconduct, or poor workmanship.

17. Use of Fire Hydrants

The indiscriminate use of fire hydrants is strictly prohibited. The Contractor can obtain non-potable water in bulk at no charge at the Buffalo Grove Public Works Department, 51 Raupp Blvd. The Contractor shall provide a water truck or containment and driver to obtain and transport the water. All water obtained from the Village shall be used for this project only. If deemed necessary, the Village reserves the right to restrict or refuse the use of Village water. The Contractor will be responsible for executing the required paperwork and follow all requirements of the Village. If it is determined that the Contractor or its subcontractors operate or use a Village fire hydrant, a monetary penalty of \$1,000 per occurrence that will be imposed.

18. Dust Control

The Contractor shall be required to control dust or air-borne dirt resulting from construction operations by utilizing a mechanical street sweeper on all pavement within or adjacent to the project work zone throughout the duration of the project. The resulting debris shall be disposed of off-site in accordance with Article 202.03 of the Standard Specifications. Individual fire hydrant use shall not be permitted to control dust at specific locations. The Contractor shall provide dust control operations daily or as directed by the Engineer.

The cost of this work shall be included in the unit prices bid and no additional compensation shall be allowed to control dust as specified herein.

19. Landscape Restoration

This work shall include all labor, material, and equipment necessary to furnish, install, and maintain pulverized topsoil, seed, and granular mulch in accordance with Sections 211 and 250 of the Standard Specifications and as specified herein. This general condition shall only apply when the area of disturbance is six (6) inches or less from the edge of the proposed hardscape. When additional landscape restoration is required by the Engineer to blend the new sidewalk elevation to the existing terrain over a minimal slope, the applicable pay item shall be used and the work paid for accordingly.

Pulverized topsoil shall not be placed until all irregularities, depressions, or high points in the surface are removed and smooth to the lines and grades as directed by the Engineer. The surface of the topsoil shall be blended to match the existing terrain, and be free from clods, stones, sticks, and debris.

The Contractor shall furnish and place IDOT Class 1A salt tolerant lawn mixture, produced and tested in the current year, and be free of weeds. Within 24 hours of seed placement, granular mulch made from recycled wood and cellulose fibers shall be placed on the areas specified. Mulch shall be applied uniformly and in accordance with the manufacturer's recommendation. The granular mulch shall be produced by Profile® Seed Aide® CoverGrow™ or approved equal.

It is recommended that the Contractor water each area every other day at a rate of three (3) gallons per square yard, however, it is the sole and exclusive responsibility of the Contractor to make required adjustments to the watering rate or schedule.

The cost of this work shall be included in the unit prices bid and no additional compensation shall be allowed to establish a live, healthy turf area, following disturbance.

20. Earth Excavation

All earth excavation required to complete this project to the proposed lines, grades, and cross sections shall be in accordance with Section 202 of the Standard Specifications. Earth excavation will not be paid for separately but shall be included in the cost of the item requiring the excavation. All surplus excavated material shall be disposed of off-site in accordance with Article 202.03 of the Standard Specifications.

21. Traffic Control Plan

Effective: September 30, 1985

Revised: January 1, 2007

Traffic Control shall be according to the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highway Standards contained in the plans, and the Special Provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control.

Delays to the Contractor caused by complying with these requirements will be considered included in the cost of the contract, and no additional compensation will be allowed.

Standards

701006, 701301, 701501, 701801 and 701901

Details

701006-05 Off-Rd Operations, 2L, 2W, 15' to 24" From Pavement Edge

701301-04 Lane Closure, 2L, 2W, Short Time Operations

701501-06 Urban Lane Closure 2L, 2W, Undivided

701801-06 Sidewalk, Corner or Crosswalk Closure

701901-08 Traffic Control Devices

TC-10 Traffic Control and Protection for Side Roads, Intersections and Driveways

Special Provisions

Dist 1 - Maintenance of Roadways

LRS 3 – Work Zone Traffic Control Surveillance
LRS 4 – Flaggers in Work Zones
BDE – Work Zone Traffic Control Devices

22. Maintenance of Roadways

Effective: September 30, 1985

Revised: November 1, 1996

Beginning on the date that the Contractor begins work on this project, he shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided for in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

23. Use of the Work Site

Contractor shall use the Work Site solely to complete the Work and such related activities as may be authorized or directed by the Village. Except as provided herein, Contractor shall not (nor shall Contractor cause or permit any employee or person under Contractor's control) to display or broadcast commercial, political, or religious messages or advertisements of any nature at the Work Site or in connection with the Work. The foregoing shall not be construed to prohibit the following at the Work Site or in connection with the Work: (a) the use of equipment, materials, or other items (e.g. personnel uniforms and clothing) that identify the Contractor (such as by displaying the Contractor's name, logo, slogan, contact information, or similar messages) or that identify the maker or supplier of such equipment, material, or item; or (b) the use or display of signs, flags, cones, traffic control devices, markers, or other similar devices that reasonably relate to the Work, Work Site safety, public safety, or regulatory compliance; or (c) personal speech, religious practice, or expression by any individual performing Work or at the Work Site; or (d) upon written approval or direction of the Village, the display of information regarding the sponsor of the Work or funding sources for the Work.

In addition, Contractor shall not (nor shall Contractor require or permit its personnel, subcontractors, or subcontractors' personnel to) conduct any prohibited political activity at the Work Site or while performing the Work. Contractor and its personnel or subcontractors (including any subcontractor's personnel) shall not intentionally or knowingly use the Work Site or any other property or resources of the Village in connection with any prohibited political activity. For purposes of this section, the term "prohibited political activity" shall have the meaning set forth in Section 5 of the State Officials and Employees Ethics Act, 5 ILCS 430/1-5.

24. Indemnification

To the fullest extent permitted by law, the Contractor agrees to defend, pay on behalf of, indemnify, and hold harmless the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village against any and all claims, demands, suits or loss, including all costs connected therewith, and for any damages which may be asserted, claimed or recovered against or from the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village, by reason of personal injury, including bodily injury and death, and/or property damage, whether damage to property of the Village or of a third party, including loss of use thereof, which arises out of or is in any way connected or associated with the Contract and the Work.

For this project, the Village also hired a Consultant, Gewalt Hamilton Associates. The Contractor shall indemnify the Consultant in the same manner as the Village, as stated above.

25. Insurance Requirements

12.04.080 - Insurance.

- A. Required Coverages and Limits. Unless otherwise provided by franchise, license, or similar agreement, each Contractor occupying right-of-way or constructing any facility in the right-of-way shall secure and maintain the following liability insurance policies insuring the Contractor as named insured and naming the Village, and its elected and appointed officers, officials, agents, and employees and Gewalt Hamilton Associates, Inc. and employees as additional insureds on the policies listed in subsection (A)(1) and (A)(2) of this section:

1. Commercial general liability insurance, including premises-operations, explosion, collapse, and underground hazard (commonly referred to as "X," "C," and "U" coverages) and products-completed operations coverage with limits not less than:
 - a. Five million dollars for bodily injury or death to each person,
 - b. Five million dollars for property damage resulting from any one accident, and
 - c. Five million dollars for all other types of liability;
2. Automobile liability for owned, non-owned and hired vehicles with a combined single limit of one million dollars for personal injury and property damage for each accident;
3. Worker's compensation with statutory limits; and
4. Employer's liability insurance with limits of not less than one million dollars per employee and per accident.

If the Contractor is not providing such insurance to protect the contractors and subcontractors performing the work, then such contractors and subcontractors shall comply with this section.

- B. Excess or Umbrella Policies. The coverages required by this section may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.
- C. **Copies Required. The Contractor shall provide copies of any of the policies including all endorsements or certificates required by this section to the Village within ten calendar days following receipt of a written request therefor from the Village.**
- D. Maintenance and Renewal of Required Coverages. The insurance policies required by this section shall contain the following endorsement:

"It is hereby understood and agreed that this policy may not be canceled nor the intention not to renew be stated until thirty (30) calendar days after receipt by the Village, by registered mail or certified mail, return receipt requested, of a written notice addressed to the Village Manager of such intent to cancel or not to renew."

Within ten (10) calendar days after receipt by the Village of said notice, and in no event later than ten (10) calendar days prior to said cancellation, the Contractor shall obtain and furnish to the Village evidence of replacement insurance policies meeting the requirements of this section.

- E. Self-Insurance. A Contractor may self-insure all or a portion of the insurance coverage and limit requirements required by subsection A of this section. A Contractor that self-insures is not required, to the extent of such self-insurance, to comply with the requirement for the naming of additional insureds under subsection A of this section, or the requirements of subsections B through D of this section. A Contractor that elects to self-insure shall provide to the Village evidence sufficient to demonstrate its financial ability to self-insure the insurance coverage and limit requirements required under subsection A of this section, such as evidence that the Contractor is a "private self-insurer" under the Workers Compensation Act.
- F. Effect of Insurance and Self-Insurance on Contractor's Liability. The legal liability of the Contractor to the Village and any person for any of the matters that are the subject of the insurance policies or self-insurance required by this section shall not be limited by such insurance policies or self-insurance or by the recovery of any amounts thereunder.
- G. Insurance Companies. All insurance provided pursuant to this section shall be effected under valid and enforceable policies, issued by insurers legally able to conduct business with the licensee in the State of Illinois. All insurance carriers and surplus line carriers shall be rated "A-" or better and of a class size "X" or higher by A.M. Best Company.
- H. Verification of Coverage. **Contractor shall furnish the Village with certificates of insurance naming the Village, its officials, agents, employees, and volunteers as additional insured's and with original endorsements, affecting coverage required herein.** The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the Village before any work commences. The Village reserves the right to request full certified copies of the insurance policies and endorsements.
- I. Subcontractors. Contractor shall include all subcontractors as insured's under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage's for subcontractors shall be subject to all of the requirements stated herein.

- J. Assumption of Liability. The contractor assumes liability for all injury to or death of any person or persons including employees of the contractor, any subcontractor, any supplier or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to the Contract.
- K. Workers' Compensation and Employers' Liability Coverage. The insurer shall agree to waive all rights of subrogation against the Village of Buffalo Grove, its officials, employees, agents and volunteers for losses arising from work performed by Contractor for the municipality.
- L. Failure to Comply. In the event the Contractor fails to obtain or maintain any insurance coverage's required under this contract, The Village may purchase such insurance coverage's and charge the expense thereof to the Contractor.

Nothing contained herein is intended to constitute, nor shall it constitute a waiver of the rights, defenses and/or other immunities provided or available to the Village under law including, but not limited to, the Local Governmental and Governmental Employees Tort Immunity Act.

26. Accidents

In the event of any accident of any kind that involves the general public or property of the Village or a third party, the Contractor shall immediately notify the Village by phone as well as provide Notice of the same. The Notice shall include a full accounting of all details of the accident. The Contractor shall furnish the Village with copies of all reports of such accidents at the same time that the reports are forwarded to any other interested parties.

27. No Assignment

If the Contractor sublets or assigns any part of the Work then the Contractor shall not under any circumstances be relieved of its liabilities hereunder. All transactions of the Village shall be with the Contractor. Subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence. The Contractor shall not assign, transfer, convey, sell or otherwise dispose of the whole or any part of this Contract to any person, firm or corporation without written consent of the Village or authorized representative.

28. Default

The following shall constitute a default an "Event of Default" by the Contractor under this Contract:

- A. If the Contractor shall fail to strictly observe or perform one or more of the terms, conditions, covenants and agreements of this Contract;
- B. If there shall be placed on any property owned by the Village any mechanics', materialmens' or suppliers' lien;
- C. If there shall be instituted any proceeding against the Contractor seeking liquidation, dissolution or similar relief and the same shall not be dismissed within forty-five (45) calendar days;
- D. If there shall be appointed any trustee, receiver or liquidator of the Contractor and such appointment shall not have been vacated within forty-five (45) calendar days; and
- E. If the Contractor fails to maintain or obtain any and all permits, licenses and the like, if any, required by the Village, State or Federal governments for the Work.

Upon any Event of Default the Village shall have the option of (i) terminating the Contract; (ii) pursuing any remedy available to it at law or in equity; or (iii) pursuing both simultaneously. In addition, upon an Event of Default, the Village may withhold payments due to the Contractor until it has hired a replacement of the Contractor and deducted all costs of hiring a replacement.

29. Delays

The Contractor shall not be liable in damages for delays in performance when such delay is the result of fire, flood, strike, acts of God, or by any other circumstances which are beyond the control of the Contractor; provided, however, under such circumstances the Village may, at its option, cancel the Contract.

30. Compliance With Laws

The Contractor shall comply with all applicable laws, regulations and rules promulgated by any federal, state, local, or other governmental authority or regulatory body pertaining to all aspects of the Work, now in effect, or which may become in effect during the performance of the Work. The scope of the laws, regulations, and rules referred to in this paragraph includes, but is in no way limited to, the Illinois Human Rights Act, Illinois Equal Pay Act of 2003, Occupational Safety & Health Act along with the standards and regulations promulgated pursuant thereto (including but not limited to those safety requirements involving work on elevated platforms), all forms of traffic regulations, public utility, Interstate and Intrastate Commerce Commission regulations, Workers' Compensation Laws, Public Construction Bond Act, Public Works Preference Act, Employment of Illinois Workers on Public Works Act, USA Security Act, federal Social Security Act (and any of its titles), and any other law, rule or regulation of the Illinois Department of Labor, Department of Transportation, Illinois Environmental Protection Act, Illinois Department of Natural Resources, Illinois Department of Human Rights, Human Rights Commission, EEOC, and the Village of Buffalo Grove. Notwithstanding the following, the Contractor shall particularly note that:

A. NO DISCRIMINATION – The Contractor shall comply with the provisions of the Illinois Public Works Employment Discrimination Act and the Illinois Human Rights Act/Equal Opportunity Clause which, pursuant to Illinois law, are deemed to be part of this Contract.

B. FREEDOM OF INFORMATION - The Contractor agrees to furnish all documentation related to the Contract, the Work and any documentation related to the Village required under an Illinois Freedom of Information Act (ILCS 140/1 et. seq.) ("FOIA") request within five (5) calendar days after the Village issues Notice of such request to the Contractor. The Contractor agrees to defend, indemnify and hold harmless the Village, and agrees to pay all reasonable costs connected therewith (including, but not limited to attorney's and witness fees, filing fees and any other expenses) for the Village to defend any and all causes, actions, causes of action, disputes, prosecutions, or conflicts arising from Contractor's actual or alleged violation of FOIA or the Contractor's failure to furnish all documentation related to a FOIA request within five (5) calendar days after Notice from the Village for the same. Furthermore, should the Contractor request that the Village utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Contractor agrees to pay all costs connected therewith (such as attorneys' and witness fees, filing fees and any other expenses) to defend the denial of the request. This defense shall include, but not be limited to, any challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction.

C. ILLINOIS WORKERS ON PUBLIC WORKS ACT - To the extent applicable, the Contractor shall comply with the Illinois Workers on Public Works Act, 30 ILCS 570/1 et seq., and shall provide to the Village any supporting documentation necessary to show such compliance.

D. NOT A BLOCKED PERSON - The Contractor affirms and covenants that neither the Contractor nor any individual employed by the Contractor for this Work or under this Contract is a person forbidden from doing business with a unit of local government under Executive Order No. 13224 (Sept 23, 2001), 66 Fed.Reg. 49,079 (Sept 23, 2001) or is a person registered on the Specially Designated Nationals and Blocked Persons List. The Contractor shall indemnify the Village from all costs associated with failure to comply with this paragraph.

E. SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS ACT - The Contractor knows, understands and acknowledges its obligations under the Substance Abuse Prevention on Public Works Act (820 ILCS 265/1 et seq.), and shall comply and require all subcontractors and lower tiered contractors to comply with the requirements and provisions thereof.

31. No Waiver of Rights

A waiver by the Village of any Event of Default or any term of provision of this Contract shall not be a waiver of the same Event of Default, another Event of Default or any other term or provision of this Contract.

32. Termination of the Contract

Voluntary Termination. Notwithstanding any other provision hereof, the Village may terminate this Contract during the Initial Term with or without cause, at any time upon thirty (30) calendar days prior written notice to the Contractor.

Termination for Breach. Either party may terminate this Contract upon written notice to the other party following material breach of a material provision of this Contract by the other party if the breaching party does not cure such breach within fifteen (15) calendar days of receipt of written notice of such breach from the non-breaching party.

33. Controlling Law and Venue

This Contract is entered into in the State of Illinois, for work to be performed in the State of Illinois and shall be governed by and construed in accordance with the laws of the State of Illinois. Any legal matters or dispute shall be resolved in the Circuit Court of Cook County and the Parties hereby submit to the jurisdiction of such Circuit Court. This Contract shall be construed without regard to any presumption or other rule requiring construction against the Party causing the Contract to be drafted.

34. Miscellaneous

- A. AMENDMENT** – This Contract may be amended only in writing executed by both Parties.
- B. NO RECORDING** – This Contract, or a memorandum thereof, may not be recorded in any form by either Party. If either Party records this Contract, or a memorandum thereof, they shall immediately file a release of the same.
- C. SECTION HEADINGS** – The headings in the Contract are intended for convenience only and shall not be taken into consideration in any construction or interpretation of the Contract.
- D. NO THIRD PARTY BENEFICIARIES** – This Contract does not confer any rights or benefits on any third party.
- E. BINDING EFFECT** – This Contract shall be binding and inure to the benefit of the Parties hereto, their respective legal representatives, heirs and successors-in-interest.
- F. ENTIRE AGREEMENT** – This Contract supersedes all prior agreements and understandings and constitutes the entire understanding between the Parties relating to the subject matter hereof.
- G. SEVERABILITY** - If any term, condition or provision of the Contract is adjudicated invalid or unenforceable, the remainder of the Contract shall not be affected and shall remain in full force and effect, to the fullest extent permitted by law.
- H. TORT IMMUNITY DEFENSES** - Nothing contained in this Contract is intended to constitute nor shall constitute a waiver of the rights, defenses, and immunities provided or available to the Village under the Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10 *et seq.*

35. Application For Payment

At least once each month, the Engineer will make a written estimate of the quantity of work performed in accordance with the Contract, and the value thereof at the contract unit prices according to Article 109.02 of the Standard Specifications. For each pay period, the quantity cut off will be the first Saturday of each month. During the second week, the Engineer and Contractor will agree to the quantities completed to-date. The Contractor shall submit an agreed upon invoice electronically to the Engineer by the end of the working day of the third Monday of the month. The Village will begin their payment process and will result in the review of the payment at the next regularly scheduled Village Board meeting. Prior to the release of payment, the Contractor shall submit electronically, all certified payroll reports, applicable waivers, and a notarized and signed clarifying statement for Village Attorney review and subsequent approval. Prior to the release of the check, hard-copies of all applicable waivers and the clarifying statement shall be received by the Village.

All payments under this Contract must be approved by the Village Board at a regularly scheduled meeting. The Village reserves the right to request any receipts, invoices, proof of payments as the Village, in its sole discretion, may deem necessary to justify the payment requested prior to paying the requested payment. A Final Lien Waiver from the Contractor, its subcontractors, and all material suppliers shall be furnished with the final application for payment.

The Contractor acknowledges that the Village is a unit of local government and that all payments under the Contract are subject to the Local Government Prompt Payment Act, 50 ILCS 505 *et seq.* To that extent, the Village shall have forty-five calendar (45) days from receipt of a bill or invoice to pay the same before it is considered late under the Contract. Interest, if any, charged for any late payments will be subject to the interest rate caps specified in the Prompt Payment Act.

36. Retainage and Waivers

The Village of Buffalo Grove has the option to retain from the amount due to the Contractor a maximum of ten percent (10%) from each pay request. The Contractor may request the retainage be reduced and provide reasoning for such reduction in writing to the Village. The Village has the option to accept or deny the request and shall be considered final. The retainage may be held until the Village determines the project to be final and accepted, at which time any warranty or maintenance period shall commence.

The Contractor shall submit, for each pay request submittal, original partial or final waivers from all subcontractors and material suppliers for the work payment is requested from the Village; trailing waivers will not be permitted. The Village will not remit payment to the Contractor until all original hard-copies of waivers for the work the Contractor is requesting payment for are received and reviewed. To help expedite the process, the Village is willing to review draft waivers after the invoice has been submitted for the pay request. When the draft waivers are reviewed and found acceptable, and the check is cut according to the Village's Warrant schedule, then the check and final waivers can be exchanged accordingly.

37. Certified Payroll Reports

Pursuant to PA 100-1177 the Illinois Department of Labor (IDOL) has activated an electronic database (Payroll Portal) capable of accepting and retaining certified payrolls submitted under the State of Illinois Prevailing Wage Act (820 ILCS/130/1). All contractors and subcontractors completing work for the Village of Buffalo Grove pursuant to the Act must submit all certified payroll through the IDOL Payroll Portal.

The Village is an Illinois unit of local government and the Work hereunder is subject to the Illinois Prevailing Wage Act, 820 ILCS 130/0.01, et seq. Consequently, the Contractor and each subcontractor shall submit with their application for payment(s) the email certification received from their IDOL Payroll Portal submittal with each of their pay requests. Any delay in processing the payments due to a lack of aforementioned email certification shall not be an event of default by the Village and shall not excuse any delay by the Contractor who shall proceed with the Work as if no delay in payment has occurred. The Contractor and Village shall agree to take any further steps not outlined above to ensure compliance with the Prevailing Wage Act. Upon two business days' Notice, the Contractor and each subcontractor shall make available to the Village their records to confirm compliance with the Prevailing Wage Act. Finally, to ensure compliance with Prevailing Wage Act, the Contractor and each subcontractor shall keep for a period of not less than 5 years after the Work has been completed records of all laborers, mechanics, and other workers employed by them for the Work; the records shall include each worker's name, address, telephone number, classification or classifications, the hourly wages paid in each period, the number of hours worked each day, the starting and ending times of work each day and, when available, last four digits of the social security number. The Contractor shall provide a list of every name, address, phone number and email of every sub-contractor for the Work.

If the contractor must submit the payroll to the Village of Buffalo Grove for reasons outside of their control, the Village requests that the Contractor submit all certified payroll reports, including subcontractors, and EEO reporting be sent electronically in separate files for each respective Contractor/subcontractor with the weeks ending date in the file name to kjohnson@vbg.org (i.e. Contractor Name Week Ending.pdf) as shown in the sample letter in Exhibit D.

The Contractor is responsible for providing all records in accordance with the Illinois Department of Labor's (IDOL) requirements pertaining to the Prevailing Wage Act on the standard IDOL form. Only the last four (4) digits of the employee's social security number will be required; the remaining digits shall be "X" or redacted. To complete the certified payroll request for release of payment, the Contractor must supply a signed and notarized written statement that all necessary documentation has been turned over for the pay period pertaining to that payment requested.

Under P.A. 98-0328, the public body must retain copies of the certified payroll for 5 years rather than 3 years as was the case previously. The Illinois Department of Labor (IDOL) has created model certified payroll forms which can be found at the IDOL website www.illinois.gov/idol. the new form consists of three pages identified as the "certified transcript of payroll affidavit" and "certified transcript of payroll instructions". The new forms on the IDOL website can be filled in online and then printed out. under P.A. 98-0482, contractors and subcontractors will have to provide additional information with respect to working hours, wage rates, overtime rates and fringe benefits. The IDOL's model certified payroll forms are the most current forms for compliance with P.A. 98-0482 and should be used in public works contracts.

38. Monetary Penalties

All work shall be completed in accordance with the Contract Documents in a reasonable and timely manner. For each occurrence that work is not completed in a reasonable and timely manner, a monetary penalty will be deducted from the final pay application. The Contractor shall make themselves and all subcontractors aware of the following deficiency and deductions:

Description	Penalty	Per Occurrence
Failure to Sweep Roadway	\$2,000	Calendar Day
Failure to Maintain Trench	\$250	Calendar Day
Failure to Adhere to Period of Establishment Requirements	\$250	Calendar Day
Distributing Unapproved Resident Notices	\$100	Household
Failure to Distribute Notices in a Timely Manner	\$100	Household
Failure to Distribute Notice to Resident	\$100	Household
Failure to Provide Access in a Timely Manner	\$250	Household Per Day
Failure to Provide Weekly Update to Engineer	\$1,000	Per Occurrence
Failure to Attend a Scheduled Weekly Meeting	\$1,000	Per Occurrence
Failure to Respond in a Timely Manner to a Resident	\$250	Calendar Day
Failure to Ramp Roadway or Driveway	\$250	Household/Roadway Per Day
Use of Fire Hydrant or Valve	\$1,000	Each
Failure to Provide Maintenance of Roadway in a Timely Manner as Determined by the Engineer	\$1,000	Calendar Day
Entering Private Property	\$500	Per Occurrence
Failure to Provide Portable Facilities	\$100	Calendar Day
Illicit Discharge of Silt or Construction Debris	\$1,000	Per Occurrence
Failure to Submit Shop Drawings on Time	\$500	Per Occurrence
Failure to Maintain Erosion and/or Sediment Control Devices	\$1,000	Per Occurrence
Working Outside Allowable Work Hours	\$1,000	Per Occurrence

At the discretion of the Engineer and without notice, the Contractor shall have deducted the monetary penalty amount as listed above for each occurrence on the final pay application.

39. Public Notification

The Contractor shall be required to provide and distribute letters to residents or business owners anytime access will be affected to a home or utility service is interrupted. This general condition shall only apply when access will be directly affected for greater than four (4) hours, or as directed by the Engineer. Public notification shall not be required for every residence within the project limits.

Letters shall be typed on standard 8.5" x 11" paper and an envelope may or may not be used. All letters, including those written and distributed by a subcontractor, shall be printed on the General Contractor's letterhead and shall include the name, address, and telephone number of the General Contractor's person in charge.

Letters shall be taped to a non-painted surface using painters tape or approved equal, and will be placed in as many locations as needed to ensure they will be visible to residents. Distributing letters via mailbox is discouraged, however, must be compliant with all United States Postal Service federal regulations. Notification letters shall include but is not limited to the following:

- Exact day and time work is to begin that will affect access (weather permitting).
- How the resident will know they may resume normal access to their property.
- The anticipated length of the closure (no more than one week will be permitted).
- Specific location where parking is permitted, both overnight and during the working day (as signed and normally permitted during daytime).
- The Village of Buffalo Grove Police Department has been notified that overnight parking will be permitted. (It shall be the responsibility of the Contractor to confirm this with the Village.)
- The Contractor will go door-to-door the moment prior to work is to begin to ensure all accommodations are made.
- General Contractor's person in charge name and contact information for additional information or specific requests.

- If applicable, provide Resident flushing procedures (following reconnection of the water service, resident to flush inside of the house via the bath or utility sink for ten minutes prior to consumption).

Notification letters shall be distributed a minimum of 24 hours prior to access being affected or otherwise. If this requirements is not met, work shall not commence. **All letters must be approved by the Village or Engineer prior to and for each individual distribution.** Additional letters may be required when weather or other unforeseen circumstances change the schedule. When requested, the Contractor is required to return or provide correspondence from a resident within 24 hours.

Under special circumstances, the Village, may choose to write a notification letter and the Contractor shall still be responsible for delivering the letter as specified herein. An example of a resident notification letter can be found in Appendix A.

The Contractor must comply with all of the above-mentioned statements otherwise a monetary penalty of \$100 per household, per calendar day shall be imposed.

40. Maintenance Bond

The Contractor will be required to post a Maintenance Bond for a period of One Year (1-yr) from date of final acceptance by the Village. Final acceptance will be the date the Final Payment is made to the Contractor. The bond shall be in a form acceptable to the Village in the amount of 10% (ten percent) of the awarded contract value. Unless under emergency situations, the Village will offer the Contractor the ability to fix or repair any item prior to the bond being called. If the Contractor elects to perform the repairs themselves, all work must be complete within 14 calendar days of notice from the Village or the Village reserves the right to perform the repairs themselves.

The Maintenance Bond shall cover all necessary repairs or replacements as deemed necessary by the Village due to poor workmanship, failed materials, settlement of trenches, excessively spalled, chert popped or cracked concrete, storm and water main failures, restoration establishment, and other items as completed by the Contractor.

All required pavement repairs shall be from curb line to the nearest cold joint. Pavement repairs shall have all joints routed and filled with crack seal material including along the edge of pavement 1 month after installation.

If the Contractor elects to not perform the repairs or does not perform them in the time allotted the Village will perform the work and collect from the bond any damages incurred by the Village to perform the repairs.

Special Provisions

1. Tree Root Pruning

This work shall include all labor, material, and equipment necessary to prune existing tree roots in accordance with Section 201 of the Standard Specifications and as specified herein.

Following the complete removal of a sidewalk section, all exposed tree roots shall be pruned or ground down to a depth of twelve (12) inches below the existing sidewalk subgrade. This work shall not commence until an approved self-propelled, walk behind stump grinder is on site. Additional hand work may be required with a saw or axe. No roots shall be ripped, pulled, or torn.

The resulting material from tree root pruning operations shall be removed and disposed of off-site according to Article 202.03

This work will be measured in place and paid for at the contract unit price per (EA) for TREE ROOT PRUNING, which price shall include all labor, material, and equipment required to complete the work as specified herein. Tree root pruning will be measured for payment as each per tree, regardless of how many actual tree roots are pruned for each.

2. Aggregate Base Course, Type B

This work shall include all labor, material, and equipment necessary to furnish and place aggregate base course on a prepared subgrade or subbase in accordance with Section 351 of the Standard Specifications and as specified herein.

Following removal and tree root pruning operations, the subgrade shall be prepared according to Section 301, except Article 301.12 will not apply. Any void resulting from tree root pruning operations as specified herein and additional aggregate material shall be placed and compacted to meet the proposed adjacent lines and grades as directed by the Engineer.

The material used for this item shall be exclusively IDOT certified Class B course aggregate material meeting the gradation of CA-6 in accordance with Section 1004 of the Standard Specifications. Crushed concrete may be used as specified herein but shall be an IDOT approved material.

All aggregate shall be compacted to 95% modified proctor density conforming to ASTM D-1557 or AASHTO T-180.

This work will be measured in place and paid for at the contract unit price per ton (TN) for AGGREGATE BASE COURSE, TYPE B, which price shall include all labor, material, and equipment required to complete the work as specified herein.

3. Portland Cement Concrete Sidewalk

This work shall include all labor, material, and equipment necessary to construct portland cement concrete sidewalk and sidewalk accessibility ramps, of the depth specified, on a prepared subgrade where marked by the Engineer and in accordance with Section 424 of the Standard Specifications and as specified herein.

The proposed concrete sidewalk shall be poured within 24 hours following the completion of removal operations at each respective location.

If no existing expansion joint exists within 50 ft in either direction of the spot repair location, a ½ in preformed expansion joint filler shall be installed at the direction of the Engineer. Transverse expansion joints shall be placed at maximum intervals of 50 ft in the sidewalk. The expansion joint filler shall extend the entire depth of the concrete driveway edging. #4 smooth epoxy coated dowel bars shall be installed at 24" on center at sidewalk accessibility ramps between the keystone and curb.

The proposed sidewalk material shall be portland cement concrete in accordance with Section 1020 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per square foot (SF) for PORTLAND CEMENT CONCRETE SIDEWALK, of the depth specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

4. Hot-Mix Asphalt Driveway Pavement

This work shall include all labor, material, and equipment necessary to furnish and install hot-mix asphalt driveway pavement in accordance with the applicable portions of Sections 355 and 406 of the Standard Specifications and the detail shown herein.

The proposed driveway pavement, of the specified thickness, shall be exclusively Hot-Mix Asphalt, Mix "D", IL-9.5, N50, in accordance with the Hot-Mix Asphalt Mixture Requirements table as described herein and Section 1030 of the Standard Specifications.

HMA – MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Npdes
DRIVEWAY	
HMA Surface Course, Mix 'D', IL-9.5, N50 3"	4% @ 50 Gyr.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for HOT-MIX ASPHALT DRIVEWAY PAVEMENT, of the depth specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

5. General Landscape Restoration (Special)

This work shall include all labor, material, and equipment necessary to furnish, place, and maintain pulverized topsoil, seed, fertilizer nutrients, and erosion control blanket in accordance with Section(s) 211, 250, and 251 of the Standard Specifications and as specified herein.

Pulverized topsoil shall be placed to a maximum depth of four (4) inches and not be placed until the area has been shaped, trimmed, and finished to the lines and grades as directed by the Engineer. All irregularities, depressions, or high points in the surface shall be filled or smoothed out before topsoil is placed. The surface of the topsoil shall be blended to match the existing terrain and adjacent hardscape, and be free from clods, stones, sticks, and debris.

The Contractor shall furnish and place IDOT Class 1A salt tolerant lawn mixture, produced and tested in the current year, be of good quality, and free of weeds. Nitrogen and potassium fertilizer nutrients shall be applied at a 1:1 ratio in accordance with Article 250.04 of the Standard Specifications (phosphorus is not permitted). Within 24 hours of seed placement, erosion control blanket shall be installed in accordance with Article 251.04 of the Standard Specifications.

It is recommended that the Contractor water the area every other day at a rate of three (3) gallons per square yard, however, it is the sole and exclusive responsibility of the Contractor to make required adjustments to the watering rate or schedule.

To be acceptable for final payment, the landscaped areas shall undergo a 30-day period of establishment beginning on the last day that seed is sowed. During this period, the Contractor shall be responsible for, at no additional cost to the Village, watering, removing weeds and maintaining the seeded areas and repairing any damage to the seeded areas due to but not limited to, errant vehicles, severe weather or all other causes. At the end of the 30-day period of establishment, the Owner or Engineer will inspect the landscaped area and if deemed unsatisfactory, the Contractor shall be required to provide means and methods necessary to establish a live, healthy turf area. Should the seed not germinate because of prevailing cool weather, the period of establishment may be adjusted as determined by the Engineer. It shall be the sole and exclusive responsibility of the Contractor, not the Engineer, for maintaining and monitoring the landscape restoration during the period of establishment. If the placed landscape restoration has not been approved by the Owner or Engineer sixty (60) calendar days following installation, the Contractor will incur a monetary penalty of \$250 per calendar day.

Planting times shall be performed when the ambient temperature has been between 45°F and 80°F for a minimum of seven (7) consecutive days and is forecasted to be the same for the next five (5) days according to the National Weather Service.

The Contractor shall provide the Engineer with proper documentation on the landscaping materials supplied to the project such as topsoil source, topsoil certification, fertilizer bags, seed tags, and seed bags.

Upon placement of topsoil, seed, fertilizer nutrients, and mulch, 75 percent of each respective pay item will be paid. Upon final acceptance of the topsoil, seed, fertilizer nutrients, and mulch placed, the remaining 25 percent of each respective pay item will be paid.

The Village may postpone permanent seeding operations if deemed necessary. In such an event, the completion date may be extended accordingly.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for GENERAL LANDSCAPE RESTORATION (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

6. Combination Concrete Curb and Gutter

This work shall include all labor, material, and equipment necessary to construct combination concrete curb and gutter, of the type specified, as marked by the Engineer in accordance with Section 606 of the Standard Specifications and as specified herein.

The Contractor shall closely match the existing combination concrete curb and gutter style type of the adjacent existing curb and gutter. This work shall include the installation of two #4 continuous reinforcing bars as shown on the Engineering plans along the full length of the new curb and gutter. Where new curb and gutter abuts existing concrete, two (2) smooth epoxy coated #4 dowel bars shall be installed. The depth of the proposed concrete curb and gutter shall match the existing adjacent depth.

The proposed curb and gutter material shall be portland cement concrete in accordance with Section 1020 of the Standard Specifications and shall have polyurethane coated fiber in the mix. The fiber shall be mixed in the concrete at a rate of 1.5 lbs per cubic yard of concrete at the ready mix plant. Mixing of the concrete and fibers shall not be permitted on the project site.

This work will be measured in place and paid for at the contract unit price per foot (FT) for COMBINATION CONCRETE CURB AND GUTTER, of the type specified, (ABUTTING EXISTING PAVEMENT), which shall include all labor, material, and equipment required to complete the work as specified herein.

7. Class B Patches

This work shall include all labor, material, and equipment necessary to complete the removal of existing material to a depth of ten (10) inches and replacement of ten (10) inches of high-early strength concrete pavement in accordance with Section 442 of the Standard Specifications and as specified herein.

These patches should be sawcut full-depth perpendicularly and parallel to the centerline of the roadway. The existing material shall be removed and disposed of off-site according to Article 202.03 of the Standard Specifications.

No. 10 epoxy coated dowel bars shall be drilled into the adjacent existing concrete road at 12 inches on center. The replacement material shall be ten (10) inches of high-early strength concrete in accordance with Section 1020 of the Standard Specifications.

The Village will self-perform all traffic control and protection requirements needed to complete this work.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for CLASS B PATCHES, of the type and depth specified, (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

IDOT District One - Special Provisions

1. Friction Aggregate (D-1)

Effective: January 1, 2011
Revised: December 1, 2021

Revise Article 1004.03(a) of the Standard Specifications to read:

"1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA). The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	<u>Allowed Alone or in Combination</u> ^{5/} : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA Low ESAL	Stabilized Subbase or Shoulders	<u>Allowed Alone or in Combination</u> ^{5/} : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{1/} Crushed Concrete
HMA High ESAL Low ESAL	Binder IL-19.0 or IL-19.0L SMA Binder	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete ^{3/}
HMA High ESAL Low ESAL	C Surface and Binder IL-9.5 IL-9.5FG or IL-9.5L	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/} Crushed Concrete ^{3/}
HMA High ESAL	D Surface and Binder IL-9.5 or IL-9.5FG	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone (other than Limestone) ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/}

Use	Mixture	Aggregates Allowed								
		<u>Other Combinations Allowed:</u> <table><tr><th>Up to...</th><th>With...</th></tr><tr><td>25% Limestone</td><td>Dolomite</td></tr><tr><td>50% Limestone</td><td>Any Mixture D aggregate other than Dolomite</td></tr><tr><td>75% Limestone</td><td>Crushed Slag (ACBF) or Crushed Sandstone</td></tr></table>	Up to...	With...	25% Limestone	Dolomite	50% Limestone	Any Mixture D aggregate other than Dolomite	75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone
Up to...	With...									
25% Limestone	Dolomite									
50% Limestone	Any Mixture D aggregate other than Dolomite									
75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone									
HMA High ESAL	E Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crushed Gravel Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone. <u>Other Combinations Allowed:</u> <table><tr><th>Up to...</th><th>With...</th></tr><tr><td>50% Dolomite^{2/}</td><td>Any Mixture E aggregate</td></tr><tr><td>75% Dolomite^{2/}</td><td>Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone</td></tr><tr><td>75% Crushed Gravel^{2/}</td><td>Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag</td></tr></table>	Up to...	With...	50% Dolomite ^{2/}	Any Mixture E aggregate	75% Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone	75% Crushed Gravel ^{2/}	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag
Up to...	With...									
50% Dolomite ^{2/}	Any Mixture E aggregate									
75% Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone									
75% Crushed Gravel ^{2/}	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag									
HMA High ESAL	F Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone. <u>Other Combinations Allowed:</u> <table><tr><th>Up to...</th><th>With...</th></tr><tr><td>50% Crushed Gravel^{2/} or Dolomite^{2/}</td><td>Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone</td></tr></table>	Up to...	With...	50% Crushed Gravel ^{2/} or Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone				
Up to...	With...									
50% Crushed Gravel ^{2/} or Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone									

- 1/ Crushed steel slag allowed in shoulder surface only.
 2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80.
 3/ Crushed concrete will not be permitted in SMA mixes.
 4/ Crushed steel slag shall not be used as binder.
 5/ When combinations of aggregates are used, the blend percent measurements shall be by volume."
 6/ Combining different types of aggregate will not be permitted in SMA Ndesign 80."

2. Ground Tire Rubber (GTR) Modified Asphalt Binder (D-1)

Effective: June 26, 2006
Revised: December 1, 2021

Add the following to the end of article 1032.05 of the Standard Specifications:

“(c) Ground Tire Rubber (GTR) Modified Asphalt Binder. A quantity of 10.0 to 14.0 percent GTR (Note 1) shall be blended by dry unit weight with a PG 64-28 to make a GTR 70-28 or a PG 58-28 to make a GTR 64-28. The base PG 64-28 and PG 58-28 asphalt binders shall meet the requirements of Article 1032.05(a). Compatible polymers may be added during production. The GTR modified asphalt binder shall meet the requirements of the following table.

Test	Asphalt Grade GTR 70-28	Asphalt Grade GTR 64-28
Flash Point (C.O.C.), AASHTO T 48, °F (°C), min.	450 (232)	450 (232)
Rotational Viscosity, AASHTO T 316 @ 275 °F (135 °C), Poises, Pa·s, max.	30 (3)	30 (3)
Softening Point, AASHTO T 53, °F (°C), min.	135 (57)	130 (54)
Elastic Recovery, ASTM D 6084, Procedure A (sieve waived) @ 77 °F, (25 °C), aged, ss, 100 mm elongation, 5 cm/min., cut immediately, %, min.	65	65

Note 1. GTR shall be produced from processing automobile and/or light truck tires by the ambient grinding method. GTR shall not exceed 1/16 in. (2 mm) in any dimension and shall contain no free metal particles or other materials. A mineral powder (such as talc) meeting the requirements of AASHTO M 17 may be added, up to a maximum of four percent by weight of GTR to reduce sticking and caking of the GTR particles. When tested in accordance with Illinois modified AASHTO T 27, a 50 g sample of the GTR shall conform to the following gradation requirements:

Sieve Size	Percent Passing
No. 16 (1.18 mm)	100
No. 30 (600 µm)	95 ± 5
No. 50 (300 µm)	> 20

Add the following to the end of Note 1. of article 1030.03 of the Standard Specifications:

“A dedicated storage tank for the Ground Tire Rubber (GTR) modified asphalt binder shall be provided. This tank must be capable of providing continuous mechanical mixing throughout by continuous agitation and recirculation of the asphalt binder to provide a uniform mixture. The tank shall be heated and capable of maintaining the temperature of the asphalt binder at 300 °F to 350 °F (149 °C to 177 °C). The asphalt binder metering systems of dryer drum plants shall be calibrated with the actual GTR modified asphalt binder material with an accuracy of ± 0.40 percent.”

3. **Hot-Mix Asphalt (D-1)**

Effective: January 1, 2022

Revised: August 1, 2022

Replace Article 1030.09(g)(1) of the Standard Specifications with the following:

“(1) The Contractor shall sample approximately 150 lb (70 kg) of mix as required for the Department’s random mixture verification tests according to Article 1030.09(h)(1).”

Replace the second sentence of Article 1030.09(h)(1) of the Standard Specifications with the following:

“The Engineer will randomly identify one sample for each 3,000 tons (2,720 metric tons) of mix, with a minimum of one sample per mix. If the remaining mix quantity is 600 tons (544 metric tons) or less, the quantity will be combined with the previous 3,000 tons (2,720 metric tons) in the Engineer’s random sample identification. If the required tonnage of a mixture for a single pay item is less than 250 tons (225 metric tons) in total, the Engineer will waive mixture verification tests.”

Add the following to the end of the third paragraph of Article 1030.09(h)(2) of the Standard Specifications:

“The HMA maximum theoretical specific gravity (G_{mm}) will be based on the Department mixture verification test. If there is more than one Department mixture verification G_{mm} test, the G_{mm} will be based on the average of the Department test results.”

4. **Hot-Mix Asphalt Binder and Surface Course (D-1)**

Effective: November 1, 2019

Revised: December 1, 2021

Revise Article 1004.03(c) to read:

“(c) Gradation. The coarse aggregate gradations shall be as listed in the following table.

Use	Size/Application	Gradation No.
Class A-1, A-2, & A-3	3/8 in. (10 mm) Seal	CA 16 or CA 20
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & A-3	Cover Coat	CA 14
HMA High ESAL	IL-19.0; Stabilized Subbase IL-19.0	CA 11 ^{1/}
	SMA 12.5 ^{2/}	CA 13 ^{4/} , CA 14, or CA 16
	SMA 9.5 ^{2/}	CA 13 ^{3/4/} or CA 16 ^{3/}
	IL-9.5	CA 16, CM 13 ^{4/}
	IL-9.5FG	CA 16
HMA Low ESAL	IL-19.0L	CA 11 ^{1/}
	IL-9.5L	CA 16

- 1/ CA 16 or CA 13 may be blended with the CA 11.
- 2/ The coarse aggregates used shall be capable of being combined with the fine aggregates and mineral filler to meet the approved mix design and the mix requirements noted herein.
- 3/ The specified coarse aggregate gradations may be blended.
- 4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve.”

Revise Article 1004.03(e) of the Supplemental Specifications to read:

“(e) Absorption. For SMA the coarse aggregate shall also have water absorption
≤ 2.0 percent.”

Revise the “High ESAL” portion of the table in Article 1030.01 to read:

“High ESAL	Binder Courses	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75, SMA 12.5, Stabilized Subbase IL-19.0
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	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5"
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Revise Note 2. and add Note 6 to Article 1030.02 of the Standard Specifications to read:

"Item	Article/Section
(g)Performance Graded Asphalt Binder (Note 6)	1032
(h)Fibers (Note 2)	

Note 2. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 6. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be a SBS PG 76-22 for IL-4.75, except where modified herein.."

Revise table in Article 1030.05(a) of the Standard Specifications to read:

"MIXTURE COMPOSITION (% PASSING) ^{1/}												
Sieve Size	IL-19.0 mm		SMA 12.5		SMA 9.5		IL-9.5mm		IL-9.5FG		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max	min	max
1 1/2 in. (37.5 mm)												
1 in. (25 mm)		100										
3/4 in. (19 mm)	90	100		100								
1/2 in. (12.5 mm)	75	89	80	100		100		100		100		100
3/8 in. (9.5 mm)				65	90	100	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	60	75 ^{5/}	90	100
#8 (2.36 mm)	20	42	16	24 ^{4/}	16	32 ^{4/}	34 ^{5/}	52 ^{2/}	45	60 ^{6/}	70	90
#16 (1.18 mm)	15	30					10	32	25	40	50	65
#30 (600 μm)			12	16	12	18			15	30		
#50 (300 μm)	6	15					4	15	8	15	15	30
#100 (150 μm)	4	9					3	10	6	10	10	18
#200 (75 μm)	3.0	6.0	7.0	9.0 ^{3/}	7.5	9.5 ^{3/}	4.0	6.0	4.0	6.5	7.0	9.0 ^{3/}
#635 (20 μm)			≤ 3.0		≤ 3.0							

Ratio Dust/Asphalt Binder		1.0		1.5		1.5		1.0		1.0		1.0
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- 1/ Based on percent of total aggregate weight.
- 2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign = 90.
- 3/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.
- 4/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.
- 5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.
- 6/ When the mixture is used as a binder, the maximum shall be increased by 0.5 percent passing."

Revise Article 1030.05(b) of the Standard Specifications to read:

(b) Volumetric Requirements. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 and SMA mixtures it shall be 3.5 percent and for Stabilized Subbase it shall be 3.0 percent at the design number of gyrations. The voids in the mineral aggregate (VMA) and voids filled with asphalt binder (VFA) of the HMA design shall be based on the nominal maximum size of the aggregate in the mix and shall conform to the following requirements.

Mix Design	Voids in the Mineral Aggregate (VMA), % Minimum for Ndesign				
	30	50	70	80	90
IL-19.0		13.5	13.5		13.5
IL-9.5		15.0	15.0		
IL-9.5FG		15.0	15.0		
IL-4.75 ^{1/}		18.5			
SMA-12.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
SMA-9.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
IL-19.0L	13.5				
IL-9.5L	15.0				

- 1/ Maximum draindown shall be 0.3 percent according to Illinois Modified AASHTO T 305.
- 2/ The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30°F.
- 3/ Applies when specific gravity of coarse aggregate is ≥ 2.760.
- 4/ Applies when specific gravity of coarse aggregate is < 2.760.
- 5/ For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone"

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

"IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions greater than or equal to 2.0 percent, or which contain steal slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours."

Add after third sentence of Article 1030.09(b) to read:

“ If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the QC/QA document "Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure.”

Revise Table 1 and Note 4/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

	Breakdown/Intermediate Roller (one of the following)	Final Roller (one or more of the following)	Density Requirement
IL-9.5, IL-9.5FG, IL-19.0 ^{1/}	V _D , P, T _B , 3W, O _T , O _B	V _S , T _B , T _F , O _T	As specified in Section 1030
IL-4.75 and SMA ^{3/ 4/}	T _B , 3W, O _T	T _F , 3W	As specified in Section 1030
Mixtures on Bridge Decks ^{2/}	T _B	T _F	As specified in Articles 582.05 and 582.06.

“4/ The Contractor shall provide a minimum of two steel-wheeled tandem rollers (T_B), and/or three-wheel (3W) rollers for breakdown, except one of the (T_B) or (3W) rollers shall be 84 inches (2.14 m) wide and a weight of 315 pound per linear inch (PLI) (5.63 kg/mm) and one of the (T_B) or (3W) rollers can be substituted for an oscillatory roller (O_T). T_F rollers shall be a minimum of 280 lb/in. (50 N/mm). The 3W and T_B rollers shall be operated at a uniform speed not to exceed 3 mph (5 km/h), with the drive roll for T_B rollers nearest the paver and maintain an effective rolling distance of not more than 150 ft (45 m) behind the paver.”

Add the following after the fourth paragraph of Article 406.13 (b):

“The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design’s G_{mb}.”

Revise first paragraph of Article 1030.10 of the Standard Specifications to read:

“A test strip of 300 ton (275 metric tons), except for SMA mixtures it will be 400 ton (363 metric ton), will be required for each mixture on each contract at the beginning of HMA production for each construction year according to the Manual of Test Procedures for Materials “Hot Mix Asphalt Test Strip Procedures”. At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results.”

Revise third paragraph of Article 1030.10 of the Standard Specifications to read:

“When a test strip is constructed, the Contractor shall collect and split the mixture according to the document “Hot-Mix Asphalt Test Strip Procedures”. The Engineer, or a representative, shall deliver split sample to the District Laboratory for verification testing. The Contractor shall complete mixture tests stated in Article 1030.09(a). Mixture sampled shall include enough material for the Department to conduct mixture tests detailed in Article 1030.09(a) and in the document “Hot-Mix Asphalt Mixture Design Verification Procedure” Section 3.3. The mixture test results shall meet the requirements of Articles 1030.05(b) and 1030.05(d), except Hamburg wheel tests will only be conducted on High ESAL mixtures during production.”

5. Hot-Mix Asphalt – Mixture Design Verification and Production (D-1)

Effective: January 1, 2019
Revised: December 1, 2021

Add to Article 1030.05 (d)(3) of the Standard Specifications to read:

“ During mixture design, prepared samples shall be submitted to the District laboratory by the Contractor for verification testing. The required testing, and number and size of prepared samples submitted, shall be according to the following tables.

High ESAL – Required Samples for Verification Testing

Mixture	Hamburg Wheel and I-FIT Testing ^{1/2/}
Binder	total of 3 - 160 mm tall bricks
Surface	total of 4 - 160 mm tall bricks

Low ESAL – Required Samples for Verification Testing	
Mixture	I-FIT Testing ^{1/2/}
Binder	1 - 160 mm tall brick
Surface	2 - 160 mm tall bricks

- 1/ The compacted gyratory bricks for Hamburg wheel and I-FIT testing shall be 7.5 ± 0.5 percent air voids.
- 2/ If the Contractor does not possess the equipment to prepare the 160 mm tall brick(s), twice as many 115 mm tall compacted gyratory bricks will be acceptable.

Revise the fourth paragraph of Article 1030.10 of the Standard Specifications to read:

"When a test strip is not required, each HMA mixture shall still be sampled on the first day of production: I-FIT and Hamburg wheel testing for High ESAL; I-FIT testing for Low ESAL. Within two working days after sampling the mixture, the Contractor shall deliver gyratory cylinders to the District laboratory for Department verification testing. The High ESAL mixture test results shall meet the requirements of Articles 1030.05(d)(3) and 1030.05(d)(4). The Low ESAL mixture test results shall meet the requirements of Article 1030.05(d)(4). The required number and size of prepared samples submitted for the Hamburg wheel and I-FIT testing shall be according to the "High ESAL - Required Samples for Verification Testing" table in Article 1030.05(d)(3) above."

Add the following to the end of Article 1030.10 of the Standard Specifications to read:

"Mixture sampled during first day of production shall include approximately 60 lb (27 kg) of additional material for the Department to conduct Hamburg wheel testing and approximately 80 lb (36 kg) of additional material for the Department to conduct I-FIT testing. Within two working days after sampling, the Contractor shall deliver prepared samples to the District laboratory for verification testing. The required number and size of prepared samples submitted for the Hamburg wheel and I-FIT testing shall be according to the "High ESAL - Required Samples for Verification Testing" table in Article 1030.05(d)(3) above."

BDE SPECIAL PROVISIONS
For the January 19 and March 8, 2024 Lettings

The following special provisions indicated by a "check mark" are applicable to this contract and will be included by the Project Coordination and Implementation Section of the Bureau of Design & Environment (BDE).

File Name	#		Special Provision Title	Effective	Revised
	80099	1	☐ Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
	80274	2	☐ Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
	80192	3	☐ Automated Flagger Assistance Devices	Jan. 1, 2008	April 1, 2023
	80173	4	☐ Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	☐ Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
*	80241	6	☐ Bridge Demolition Debris	July 1, 2009	
*	50531	7	☐ Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	50261	8	☐ Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80449	9	☐ Cement, Type IL	Aug. 1, 2023	
	80384	10	☒ Compensable Delay Costs	June 2, 2017	April 1, 2019
*	80198	11	☐ Completion Date (via calendar days)	April 1, 2008	
*	80199	12	☐ Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80453	13	☐ Concrete Sealer	Nov. 1, 2023	
	80261	14	☒ Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80434	15	☐ Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
*	80029	16	☐ Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Mar. 2, 2019
	80229	17	☐ Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80452	18	☐ Full Lane Sealant Waterproofing System	Nov. 1, 2023	
	80447	19	☐ Grading and Shaping Ditches	Jan. 1, 2023	
	80433	20	☐ Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80443	21	☐ High Tension Cable Median Barrier Removal	April 1, 2022	
	80456	22	☐ Hot-Mix Asphalt	Jan. 1, 2024	
	80446	23	☐ Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
	80438	24	☐ Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	Sept. 2, 2021
	80045	25	☐ Material Transfer Device	June 15, 1999	Jan. 1, 2022
	80450	26	☐ Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	
	80441	27	☐ Performance Graded Asphalt Binder	Jan. 1, 2023	
	80451	28	☒ Portland Cement Concrete	Aug. 1, 2023	
*	34261	29	☐ Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80455	30	☐ Removal and Disposal of Regulated Substances	Jan. 1, 2024	
	80445	31	☐ Seeding	Nov. 1, 2022	
	80448	32	☐ Source of Supply and Quality Requirements	Jan. 2, 2023	
	80340	33	☐ Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	34	☐ Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397	35	☐ Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	36	☒ Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80437	37	☐ Submission of Payroll Records	April 1, 2021	Nov. 2, 2023
	80435	38	☐ Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
	80410	39	☐ Traffic Spotters	Jan. 1, 2019	
*	20338	40	☐ Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429	41	☐ Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	42	☐ Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80302	43	☐ Weekly DBE Trucking Reports	June 2, 2012	Nov. 1, 2021
	80454	44	☐ Wood Sign Support	Nov. 1, 2023	
	80427	45	☒ Work Zone Traffic Control Devices	Mar. 2, 2020	
*	80071	46	☐ Working Days	Jan. 1, 2002	

Highlighted items indicate a new or revised special provision for the letting.

An * indicates the special provision requires additional information from the designer, which needs to be submitted separately. The Project Coordination and Implementation Section will then include the information in the applicable special provision.

The following special provisions are in the 2024 Supplemental Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80436	Blended Finely Divided Minerals	Articles 1010.01 & 1010.06	April 1, 2021	
80440	Waterproofing Membrane System	Article 1061.05	Nov. 1, 2021	

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017

Revised: April 1, 2019

Revise Article 107.40(b) of the Standard Specifications to read:

“(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.

- (1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.
- (2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.
- (3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days.”

Revise Article 107.40(c) of the Standard Specifications to read:

“(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.

- (1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.

Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).

- (2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the

Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

- (3) Reduced Rate of Production Delay. The Contractor will be compensated for the reduced productivity for labor and equipment time in excess of the 25 percent threshold for that portion of the delay in excess of seven calendar days. Determination of compensation will be in accordance with Article 104.02, except labor and material additives will not be permitted.

Payment for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be determined according to Article 109.13."

Revise Article 108.04(b) of the Standard Specifications to read:

"(b) No working day will be charged under the following conditions.

- (1) When adverse weather prevents work on the controlling item.
- (2) When job conditions due to recent weather prevent work on the controlling item.
- (3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.
- (4) When delays caused by utility or railroad adjustments prevent work on the controlling item.
- (5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.
- (6) When any condition over which the Contractor has no control prevents work on the controlling item."

Revise Article 109.09(f) of the Standard Specifications to read:

- "(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead

other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

The above Basis of Payment is an essential element of the contract and the claim cost recovery of the Contractor shall be so limited.”

Add the following to Section 109 of the Standard Specifications.

“109.13 Payment for Contract Delay. Compensation for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be allowed when such costs result from a delay meeting the criteria in the following table.

Contract Type	Cause of Delay	Length of Delay
Working Days	Article 108.04(b)(3) or Article 108.04(b)(4)	No working days have been charged for two consecutive weeks.
Completion Date	Article 108.08(b)(1) or Article 108.08(b)(7)	The Contractor has been granted a minimum two week extension of contract time, according to Article 108.08.

Payment for each of the various costs will be according to the following.

- (a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.
- (b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.
 - (1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to \$5,000,000	One Project Superintendent
Over \$ 5,000,000 - up to \$25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk
Over \$25,000,000 - up to \$50,000,000	One Project Manager, One Project Superintendent, One Engineer, and

	One Clerk
Over \$50,000,000	One Project Manager, Two Project Superintendents, One Engineer, and One Clerk

(2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.

(c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

When an extended traffic control adjustment is paid under this provision, an adjusted unit price as provided for in Article 701.20(a) for increase or decrease in the value of work by more than ten percent will not be paid.

Upon payment for a contract delay under this provision, the Contractor shall assign subrogation rights to the Department for the Department's efforts of recovery from any other party for monies paid by the Department as a result of any claim under this provision. The Contractor shall fully cooperate with the Department in its efforts to recover from another party any money paid to the Contractor for delay damages under this provision."

80384

CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)

Effective: June 1, 2010

Revised: November 1, 2014

The reduction of emissions of particulate matter (PM) for off-road equipment shall be accomplished by installing retrofit emission control devices. The term “equipment” refers to diesel fuel powered devices rated at 50 hp and above, to be used on the jobsite in excess of seven calendar days over the course of the construction period on the jobsite (including rental equipment).

Contractor and subcontractor diesel powered off-road equipment assigned to the contract shall be retrofitted using the phased in approach shown below. Equipment that is of a model year older than the year given for that equipment’s respective horsepower range shall be retrofitted:

Effective Dates	Horsepower Range	Model Year
June 1, 2010 ^{1/}	600-749	2002
	750 and up	2006
June 1, 2011 ^{2/}	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006
June 1, 2012 ^{2/}	50-99	2004
	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006

1/ Effective dates apply to Contractor diesel powered off-road equipment assigned to the contract.

2/ Effective dates apply to Contractor and subcontractor diesel powered off-road equipment assigned to the contract.

The retrofit emission control devices shall achieve a minimum PM emission reduction of 50 percent and shall be:

- a) Included on the U.S. Environmental Protection Agency (USEPA) *Verified Retrofit Technology List* (<http://www.epa.gov/cleandiesel/verification/verif-list.htm>), or verified by the California Air Resources Board (CARB) (<http://www.arb.ca.gov/diesel/verdev/vt/cvt.htm>); or
- b) Retrofitted with a non-verified diesel retrofit emission control device if verified retrofit emission control devices are not available for equipment proposed to be used on the project, and if the Contractor has obtained a performance certification from the retrofit

device manufacturer that the emission control device provides a minimum PM emission reduction of 50 percent.

Note: Large cranes (Crawler mounted cranes) which are responsible for critical lift operations are exempt from installing retrofit emission control devices if such devices adversely affect equipment operation.

Diesel powered off-road equipment with engine ratings of 50 hp and above, which are unable to be retrofitted with verified emission control devices or if performance certifications are not available which will achieve a minimum 50 percent PM reduction, may be granted a waiver by the Department if documentation is provided showing good faith efforts were made by the Contractor to retrofit the equipment.

Construction shall not proceed until the Contractor submits a certified list of the diesel powered off-road equipment that will be used, and as necessary, retrofitted with emission control devices. The list(s) shall include (1) the equipment number, type, make, Contractor/rental company name; and (2) the emission control devices make, model, USEPA or CARB verification number, or performance certification from the retrofit device manufacturer. Equipment reported as fitted with emissions control devices shall be made available to the Engineer for visual inspection of the device installation, prior to being used on the jobsite.

The Contractor shall submit an updated list of retrofitted off-road construction equipment as retrofitted equipment changes or comes on to the jobsite. The addition or deletion of any diesel powered equipment shall be included on the updated list.

If any diesel powered off-road equipment is found to be in non-compliance with any portion of this special provision, the Engineer will issue the Contractor a diesel retrofit deficiency deduction.

Any costs associated with retrofitting any diesel powered off-road equipment with emission control devices shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed. The Contractor's compliance with this notice and any associated regulations shall not be grounds for a claim.

Diesel Retrofit Deficiency Deduction

When the Engineer determines that a diesel retrofit deficiency exists, a daily monetary deduction will be imposed for each calendar day or fraction thereof the deficiency continues to exist. The calendar day(s) will begin when the time period for correction is exceeded and end with the Engineer's written acceptance of the correction. The daily monetary deduction will be \$1,000.00 for each deficiency identified.

The deficiency will be based on lack of diesel retrofit emissions control.

If a Contractor accumulates three diesel retrofit deficiency deductions for the same piece of equipment in a contract period, the Contractor will be shutdown until the deficiency is corrected.

Such a shutdown will not be grounds for any extension of the contract time, waiver of penalties, or be grounds for any claim.

80261

PORTLAND CEMENT CONCRETE (BDE)

Effective: August 1, 2023

Revise the second paragraph of Article 1103.03(a)(4) the Standard Specifications to read:

“The dispenser system shall provide a visual indication that the liquid admixture is actually entering the batch, such as via a transparent or translucent section of tubing or by independent check with an integrated secondary metering device. If approved by the Engineer, an alternate indicator may be used for admixtures dosed at rates of 25 oz/cwt (1630 mL/100 kg) or greater, such as accelerating admixtures, corrosion inhibitors, and viscosity modifying admixtures.”

80451

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: November 2, 2017

Revised: April 1, 2019

Replace the second paragraph of Article 109.12 of the Standard Specifications with the following:

“This mobilization payment shall be made at least seven days prior to the subcontractor starting work. The amount paid shall be at the following percentage of the amount of the subcontract reported on form BC 260A submitted for the approval of the subcontractor’s work.

Value of Subcontract Reported on Form BC 260A	Mobilization Percentage
Less than \$10,000	25%
\$10,000 to less than \$20,000	20%
\$20,000 to less than \$40,000	18%
\$40,000 to less than \$60,000	16%
\$60,000 to less than \$80,000	14%
\$80,000 to less than \$100,000	12%
\$100,000 to less than \$250,000	10%
\$250,000 to less than \$500,000	9%
\$500,000 to \$750,000	8%
Over \$750,000	7%”

80391

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports 1106.02”

Revise the third paragraph of Article 701.14 of the Standard Specifications to read:

“For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer’s specifications.”

Revise the first paragraph of Article 701.15 of the Standard Specifications to read:

“**701.15 Traffic Control Devices.** For devices that must meet crashworthiness standards, the Contractor shall provide a manufacturer’s self-certification or a FHWA eligibility letter for each Category 1 device and a FHWA eligibility letter for each Category 2 and Category 3 device used on the contract. The self-certification or letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device.”

Revise the first six paragraphs of Article 1106.02 of the Standard Specifications to read:

“**1106.02 Devices.** Work zone traffic control devices and combinations of devices shall meet crashworthiness standards for their respective categories. The categories are as follows.

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 1 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 2 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact

attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

Category 4 includes portable or trailer-mounted devices such as arrow boards, changeable message signs, temporary traffic signals, and area lighting supports. It is preferable for Category 4 devices manufactured after December 31, 2019 to be MASH-16 compliant; however, there are currently no crash tested devices in this category, so it remains exempt from the NCHRP 350 or MASH compliance requirement.

For each type of device, when no more than one MASH-16 compliant is available, an NCHRP 350 or MASH-2009 compliant device may be used, even if manufactured after December 31, 2019.”

Revise Articles 1106.02(g), 1106.02(k), and 1106.02(l) to read:

“(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(k) Temporary Water Filled Barrier. The water filled barrier shall be a lightweight plastic shell designed to accept water ballast and be on the Department’s qualified product list.

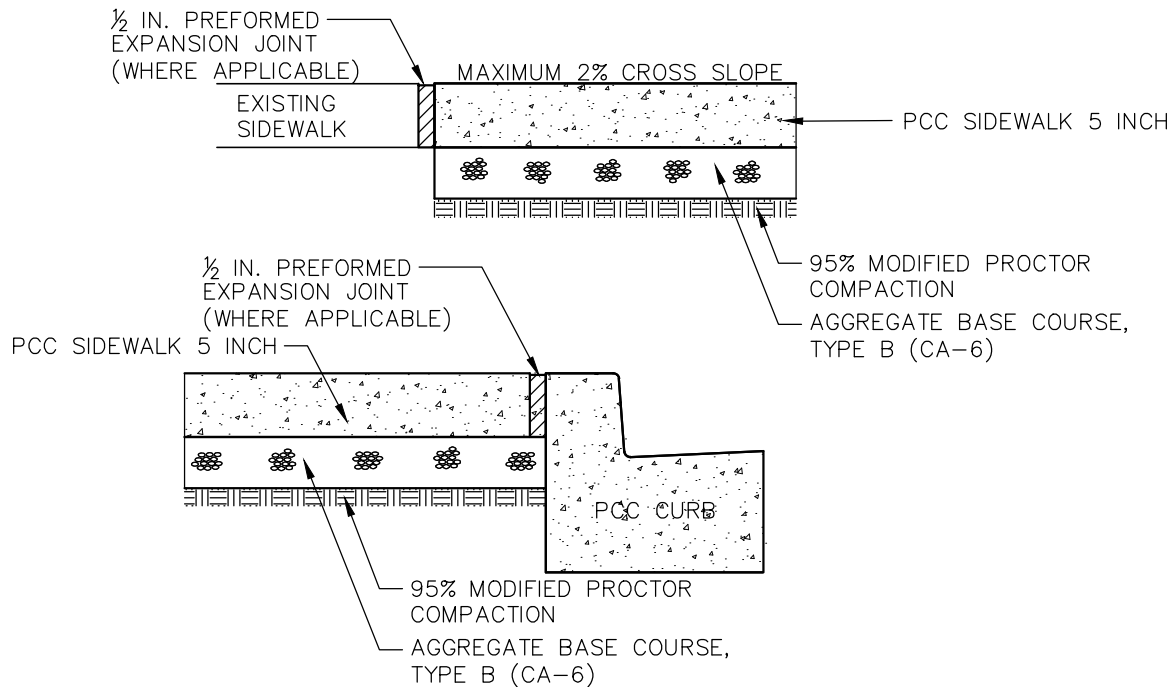
Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings.

(l) Movable Traffic Barrier. The movable traffic barrier shall be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis.”

NOTES:

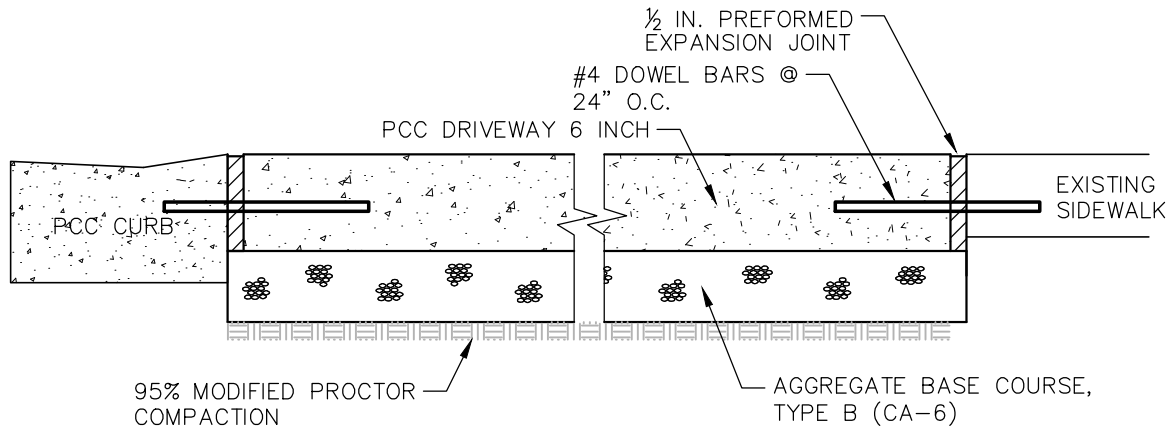
1. IF NO EXISTING EXPANSION JOINT EXISTS WITHIN 50 FT IN EITHER DIRECTION OF THE SPOT REPAIR, A $\frac{1}{2}$ IN. PREFORMED EXPANSION JOINT SHALL BE INSTALLED, OR AT THE DIRECTION OF THE ENGINEER.
2. CONTROL JOINTS SHALL EXTEND TO $\frac{1}{4}$ THE DEPTH OF THE SIDEWALK, AND SHALL BE $\frac{1}{8}$ IN. TO $\frac{1}{4}$ IN. IN WIDTH. THE EDGE OF THE CONTROL JOINTS SHALL BE GIVEN A $\frac{1}{4}$ IN. RADIUS.
3. IF APPLICABLE, #4 EPOXY COATED DOWEL BARS SHALL BE INSTALLED AT 24 IN. ON CENTER AT SIDEWALK ACCESSIBILITY RAMP BETWEEN THE KEYSTONE AND THE CURB.
4. SIDEWALK WIDTH SHALL MATCH THE EXISTING WIDTH OR AS SHOWN ON THE PLANS.
5. SIDEWALK JOINTS SHALL MATCH CURB CONTROL AND CONSTRUCTION JOINTS, IF APPLICABLE.



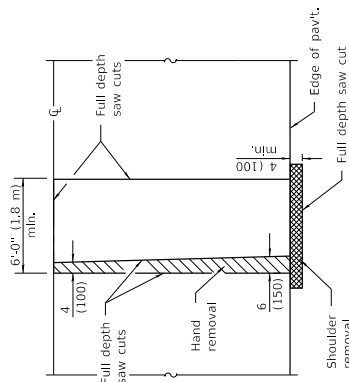
DETAIL SHEET 1 OF 2

NOTES:

1. SET $\frac{1}{2}$ IN. PREFORMED EXPANSION JOINT FILLER WHERE THE DRIVEWAY PAVEMENT ABUTS EXISTING SIDEWALK AND CURB. NO EXPANSION JOINT SHALL BE REQUIRED ALONG THE EDGE OF EXISTING DRIVEWAY PAVEMENT.
2. CONTROL JOINTS SHALL EXTEND TO $\frac{1}{4}$ THE DEPTH OF THE SIDEWALK, AND SHALL BE $\frac{1}{8}$ IN. TO $\frac{1}{4}$ IN. IN WIDTH. THE EDGE OF THE CONTROL JOINTS SHALL BE GIVEN A $\frac{1}{4}$ IN. RADIUS.
3. #4 EPOXY COATED DOWEL BARS SHALL BE INSTALLED AT 24 IN. ON CENTER WHERE THE DRIVEWAY PAVEMENT ABUTS EXISTING SIDEWALK AND CURB. NO DOWEL BARS SHALL BE REQUIRED ALONG THE EXISTING DRIVEWAY PAVEMENT.
4. DRIVEWAY PAVEMENT SHALL MATCH THE EXISTING WIDTH.

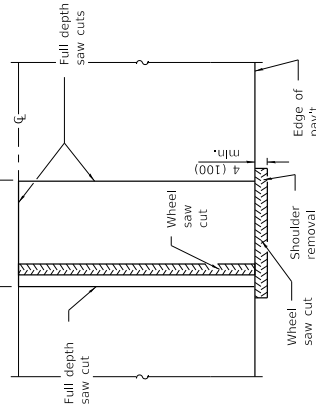


DETAIL SHEET 2 OF 2



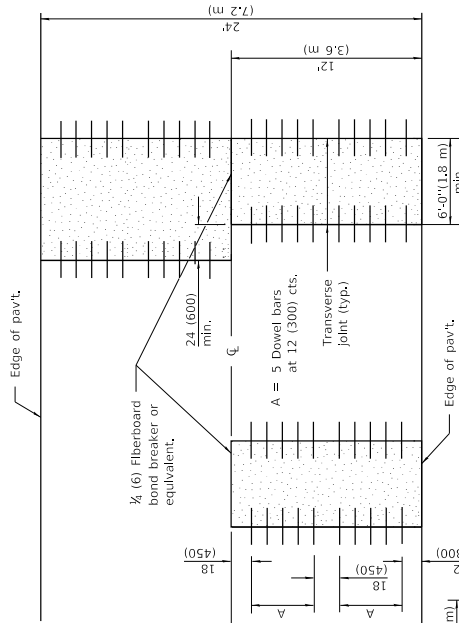
PAVEMENT SAWING DETAIL

(HMA SHOULDER)

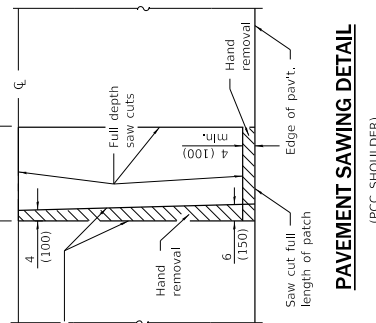


ALTERNATE SAWING DETAIL

(HMA SHOULDER)

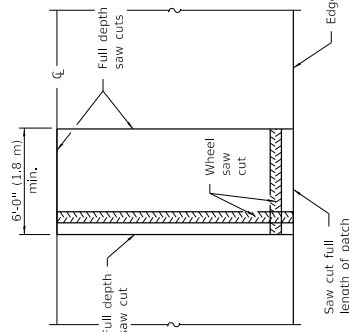


12' (3.6 m) WIDE LANES



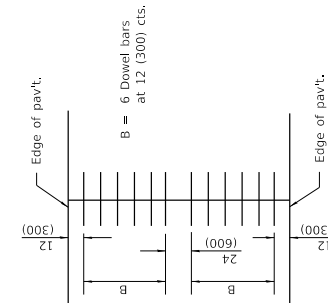
PAVEMENT SAWING DETAIL

(PCC SHOULDER)

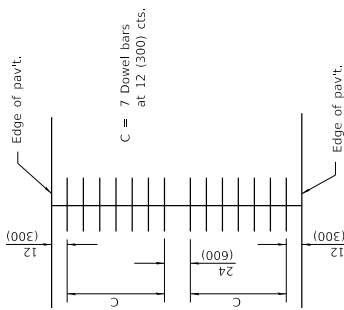


ALTERNATE SAWING DETAIL

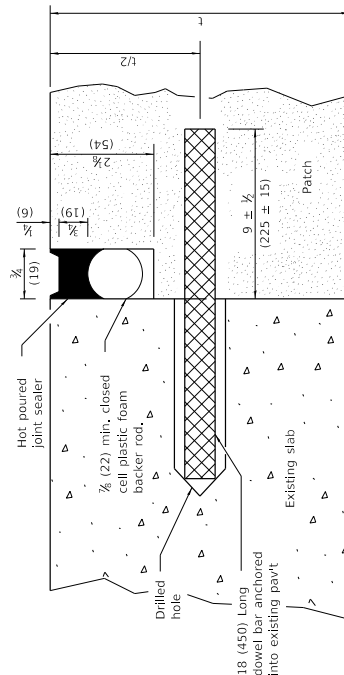
(PCC SHOULDER)



14' (4.2 m) WIDE RAMP



16' (4.8 m) WIDE RAMP



TRANSVERSE JOINT

PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
10 (250) or greater	1 1/2 (38)	1 3/4 (41)
8 (200) thru 9.99 (249)	1 1/4 (32)	1 1/2 (35)
Less than 8 (200)	1 (25)	1 1/4 (29)

GENERAL NOTES

The transverse joints for Class B patches shall align with joints or cracks in the adjacent lane whenever possible.

See Standard 420701 for details of welded wire reinforcement.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation	ISSUED 1-1-07
PASSED January 1, 2019	
ENGINEER OF POLICY AND PROCEDURES	
APPROVED January 1, 2019	
ENGINEER OF DESIGN AND ENVIRONMENT	

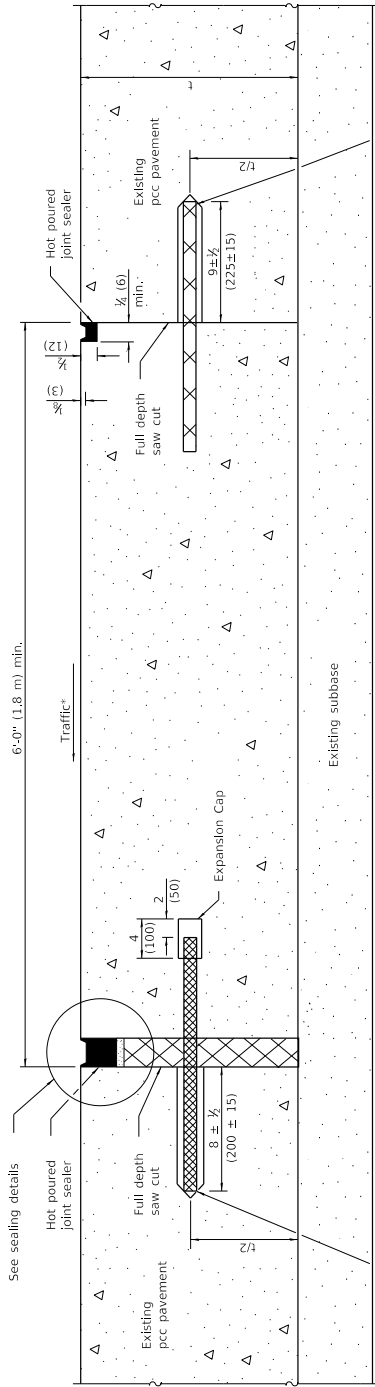
DATE	REVISIONS
1-1-19	Revised reference to Standard 420701 in General Notes.
1-1-18	Revised DOWEL BAR TABLE.

CLASS B PATCHES

(Sheet 1 of 2)

STANDARD 442101-09

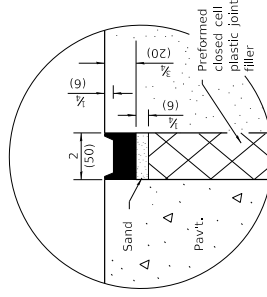
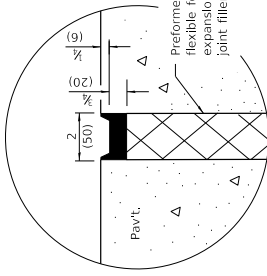
TRANSVERSE EXPANSION JOINTS



No. 10x18 (No. 32x450)
Tie bars anchored
into existing pavement
at 12 (300) cts.

METHOD I (Without Resurfacing)

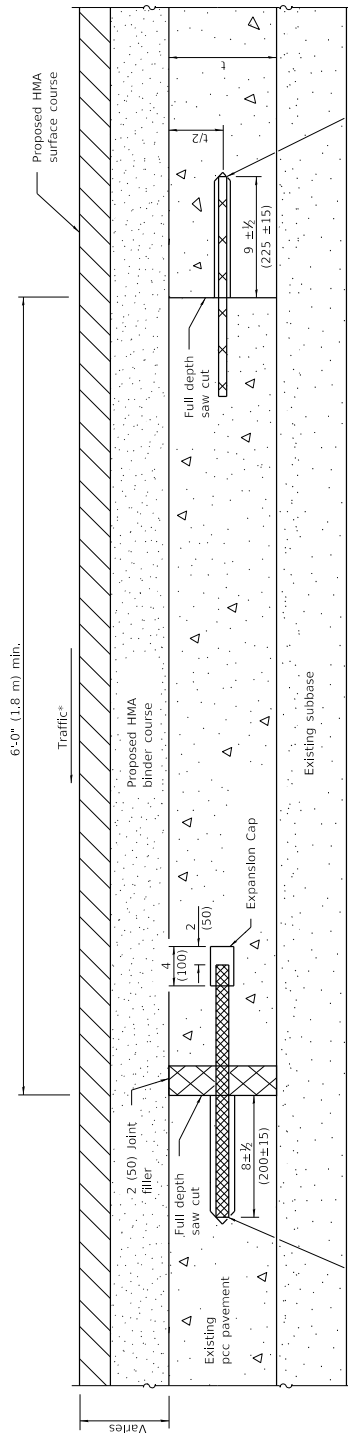
SEALING DETAIL



SEALING DETAIL

NOTE

* When re-establishing a transverse expansion joint on a two-lane, two-way road, reverse the orientation of the dowel bars with respect to traffic for one of the patches such that the joint will be continuous across both lanes.



18 (450) Long dowel bars
anchored into existing
pavement at 12 (300) cts.

METHOD II (With Resurfacing)

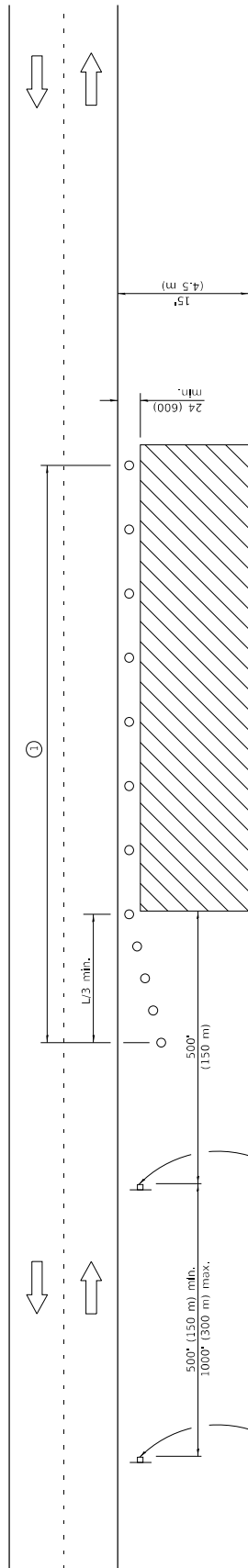
No. 10x18 (No. 32x450)
Tie bars anchored
into existing pavement
at 12 (300) cts.

	ISSUED 1-1-07	
	PASSED	2019
	ENGINEER OF POLICY AND PROCEDURES	
	APPROVED	2019
ENGINEER OF DESIGN AND ENVIRONMENT		ENGINEER OF POLICY AND PROCEDURES

CLASS B PATCHES

(Sheet 2 of 2)

STANDARD 442101-09



For contract construction projects

W20-110(0)-48

For maintenance and utility projects

W20-110(0)-48

W21-110(0)-48

TYPICAL APPLICATIONS

Utility operations
Culvert extensions
Side slope changes
Guardrail installation and maintenance
Detritus installation
Landscaping operations
Shoulder repair
Sign installation and maintenance

SYMBOLS

Work area
Skin
Cone, drum or barricade

GENERAL NOTES

This Standard is used where any vehicles, equipment, workers or their activities will encroach in the area 15' (4.5 m) to 24' (600) from the edge of pavement.

Calculate L as follows:

SPEED LIMIT
English (Metric)
40 mph (70 km/h) $L = \frac{WS^2}{60}$ $L = \frac{WS^2}{150}$
or less:
45 mph (80 km/h) $L = \frac{WS^2}{60}$ $L = \frac{WS^2}{150}$
or greater:

W = Width of offset in feet (meters).

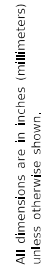
S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

STANDARD 701006-05

	ISSUED 1-1-97	
	PASSED January 2014 ENGINEER OF SAFETY ENGINEERING APPROVED January 2014 ENGINEER OF DESIGN AND ENVIRONMENT	2014 2014



DATE	REVISIONS	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS STANDARD 701301-04
1-1-11	Revised flagger sign.	
1-1-09	Switched units to English (metric).	

SYMBOLS

Work area

Sign on portable or permanent support

Flagger with traffic control sign

TYPICAL APPLICATIONS

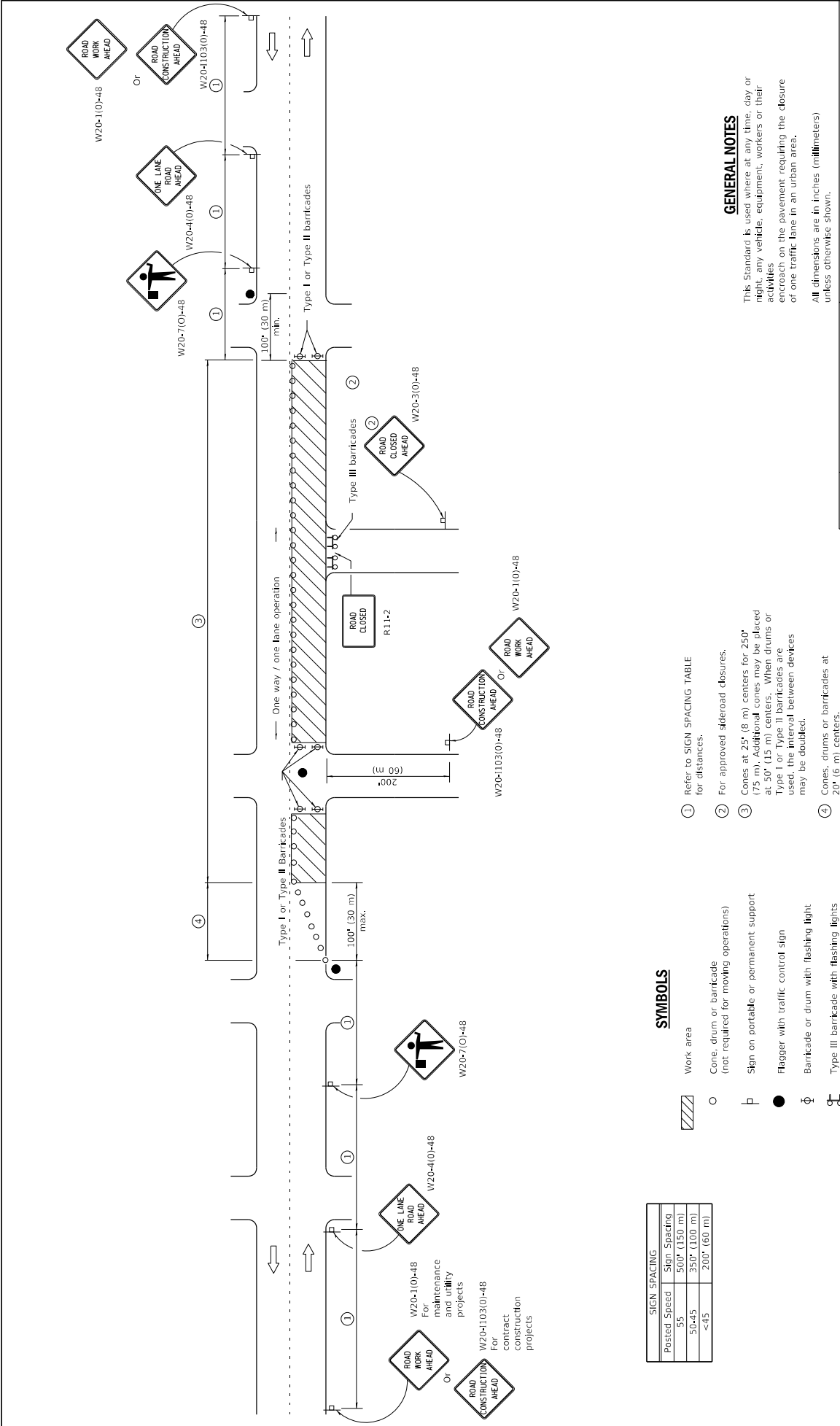
Marking patches
Field survey
String line
Utility operations
Cleaning up debris on pavement


 Illinois Department of Transportation

ISSUED **1-1-97**

PASSED January 1, 2011
James O. Davis
 ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2011
Jeffrey H. Smith
 SAFETY ENGINEER



SYMBOLS

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

① Refer to SIGN SPACING TABLE for distances.

② For approved sidroad closures.

③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.

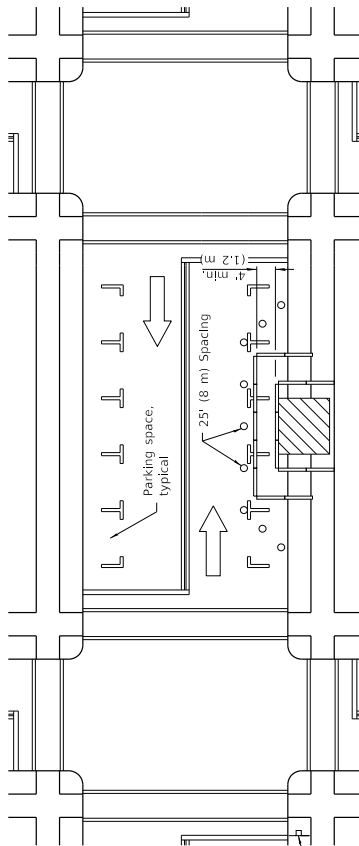
④ Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

All dimensions are in inches (millimeters) unless otherwise shown.

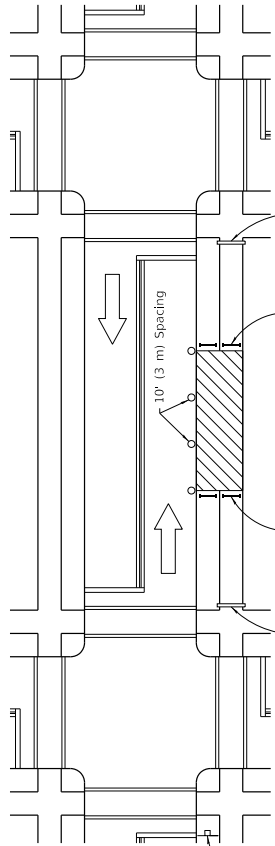
 ISSUED 1-1-97			
PASSED January 1, 2011  ENGINEER OF SAFETY ENGINEERING			
APPROVED January 1, 2011  ENGINEER OF DESIGN AND ENVIRONMENT			
DATE	1-1-11	REVISIONS	Revised flagger sign.
DATE	1-1-09	REVISIONS	Switched units to English (metric). Corrected sign No.'s.
		URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED	
		STANDARD 701501-06	



W20-1103(10)-48 for contract construction projects

Or
W20-1101-48 for maintenance and utility projects

SIDEWALK DIVERSION



W20-1103(10)-48 for contract construction projects

Or
W20-1101-48 for maintenance and utility projects

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade

GENERAL NOTES

- This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.
- This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.
- Temporary facilities shall be detectable and accessible.
- The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.
- The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.
- Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.
- All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of plan views. Renamed Std.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

STANDARD 701801-06

(Sheet 1 of 2)

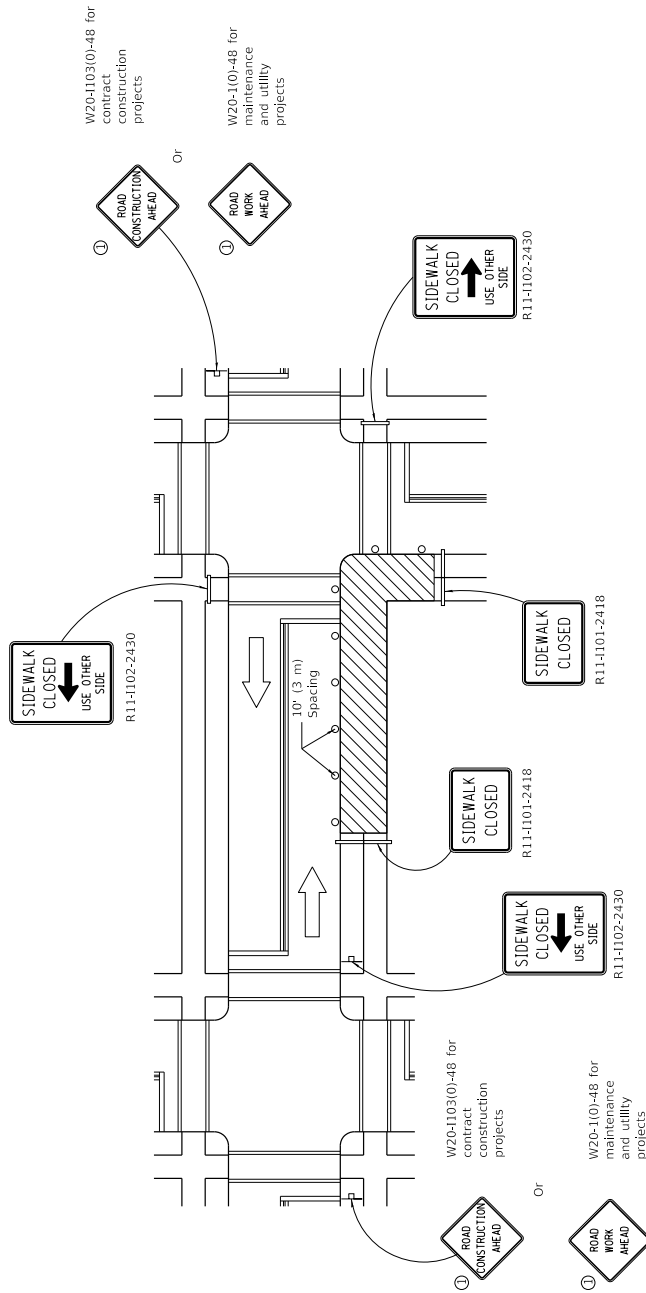
ISSUED 1-1-07

PASSED April 1, 2016

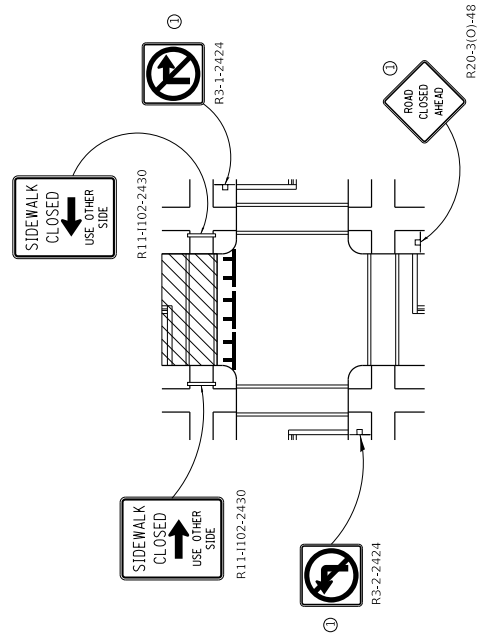
ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016

ENGINEER OF DESIGN AND ENVIRONMENT



CORNER CLOSURE



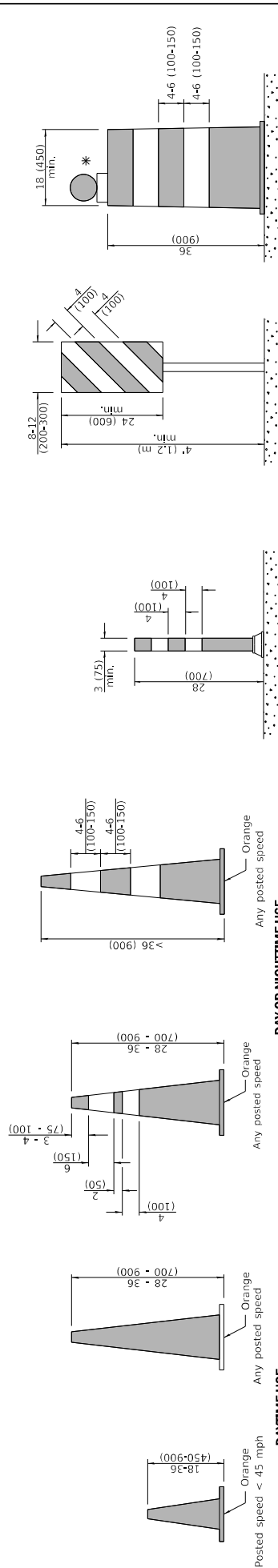
CROSSWALK CLOSURE

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

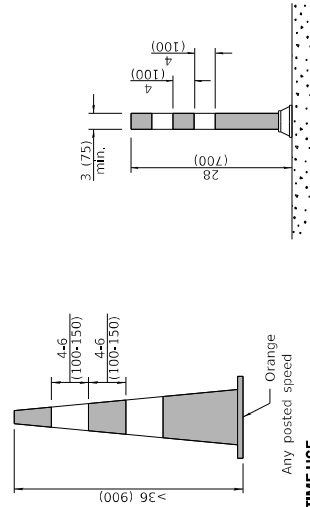
STANDARD 701801-06

	Illinois Department of Transportation April 1, 2016	
	PASSED ENGINEER OF SAFETY ENGINEERING	2016
	APPROVED ENGINEER OF DESIGN AND ENVIRONMENT	2016
	ISSUED 1-1-07	

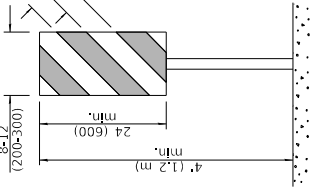


CONES

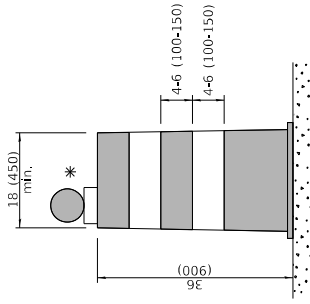
DAY OR NIGHTTIME USE



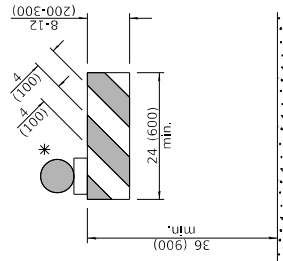
TUBULAR MARKER



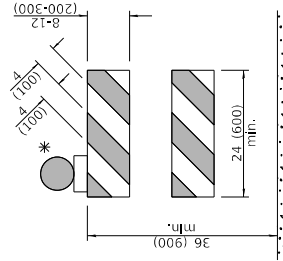
VERTICAL PANEL POST MOUNTED



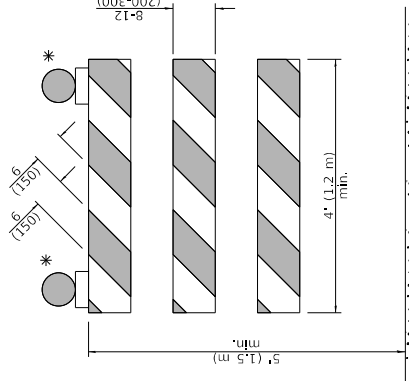
DRUM



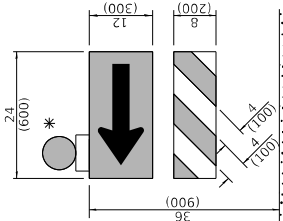
TYPE I BARRICADE



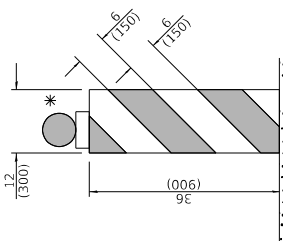
TYPE II BARRICADE



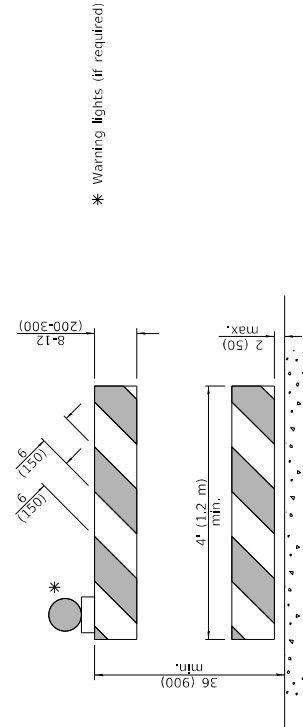
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

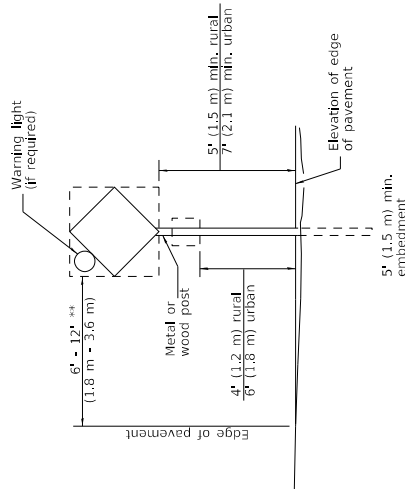
GENERAL NOTES

All heights shown shall be measured above the pavement surface.
All dimensions are in inches (millimeters) unless otherwise shown.

		ISSUED 1-1-13
APPROVED	January 1, 2019	
ENGINEER OF SAFETY PROG. AND ENGINEERING	January 1, 2019	
APPROVED	January 1, 2019	
ENGINEER OF DESIGN AND ENVIRONMENT	January 1, 2019	

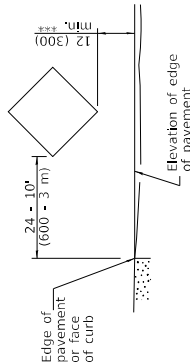
TRAFFIC CONTROL DEVICES (Sheet 1 of 3)		
DATE	REVISIONS	
1-1-19	Revised cone usage and added cones >36" (900 m) height.	
1-1-18	Revised END WORK ZONE SPEED LIMIT sign from orange to white background.	

STANDARD 701901-08



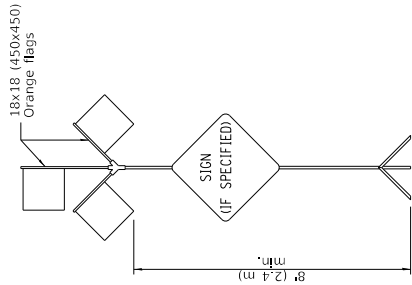
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.

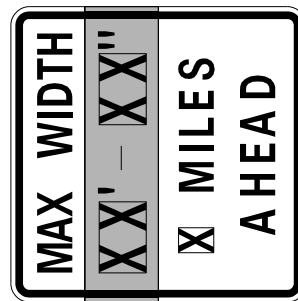


SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) to the face of curb or 7' (2.1 m) to the outside edge of the paved shoulder. The height shall be sufficient to be seen completely above the devices.



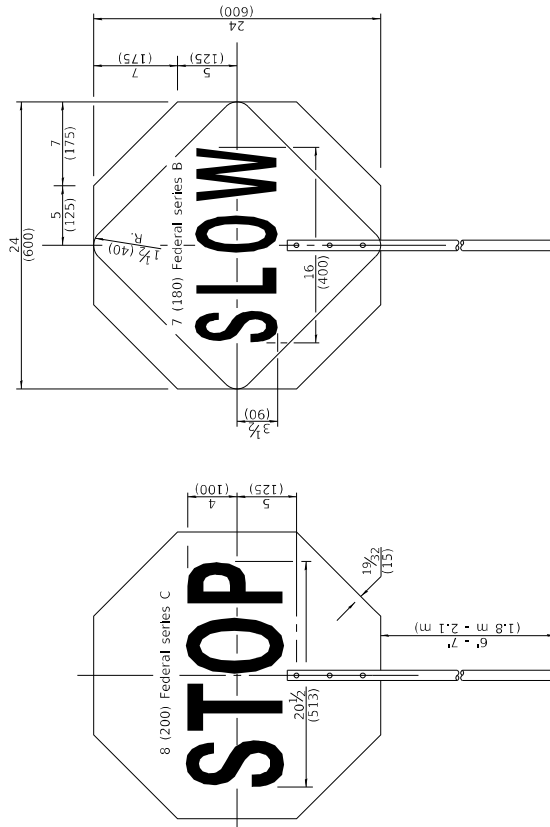
HIGH LEVEL WARNING DEVICE



W12-1103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



FRONT SIDE

REVERSE SIDE

APPROVED	January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING	
APPROVED	January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT	

FLAGGER TRAFFIC CONTROL SIGN

FRONT SIDE

REVERSE SIDE

ROAD
CONSTRUCTION
NEXT X MILES
G20-1104(0)-6036

END
CONSTRUCTION
G20-1105(0)-6024

This signing is required for all projects 2 miles (3200 m) or more in length.
ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING

WORK ZONE	W21-1115(0)-3618
SPEED LIMIT	R2-1-3648
XX	
PHOTO ENFORCED	R10-1108p-3618 ****
SXXX FINE MINIMUM	R2-1106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.

END WORK ZONE SPEED LIMIT	G20-1103-6036
---------------------------------	---------------

This sign shall be used when the above sign assembly is used.

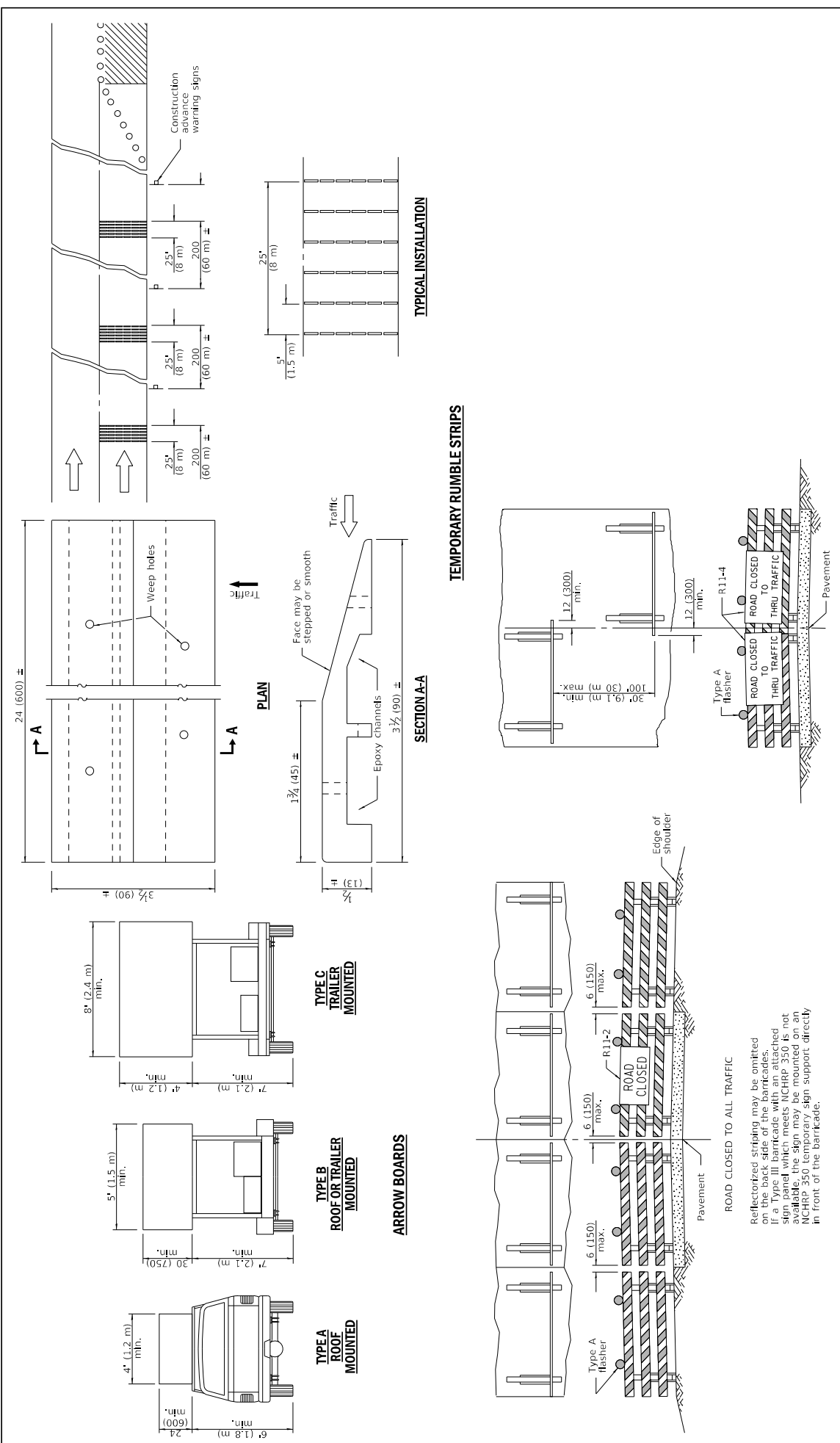
HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

**** R10-1108p shall only be used along roadways under the jurisdiction of the State.

TRAFFIC CONTROL
DEVICES

(Sheet 2 of 3)

STANDARD 701901-08



Illinois Department of Transportation	
APPROVED	January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING	2019
APPROVED	January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT	2019



1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER.
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER.
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
 4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARDS. THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
 7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME ■ 000001	DESIGNED ■ LHMA DRAWN ■ 000000 CHECKED ■ 000000	REVISED ■ 000000 REVISION ■ 000000 REVISION ■ 000000 REVISION ■ 000000	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	PLAN RATE	TOTAL SHEETS	COUNTY	SECTION	CONTRACT NO.
			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TC-10				



Ordinance with Purchase : 2024 Pavement Patching Project Award

Summary

Staff recommends approval.

Recommended Motion

SUMMARY: The 2024 Pavement Patching Project was bid on February 8, 2024 and the lowest responsible and responsive bidder was Peter Baker and Son Company. Staff recommends approval of the contract to Peter Baker and Son Company in the amount of \$207,714.93, pending Village Attorney review.

ATTACHMENTS:

1. PBS Award of Bid Memo
2. PBS Ordinance
3. 4798.082 Bid Recommendation - Pavement Patching
4. 4798.082 Bid Tabulation & As Read Results - Pavement Patching
5. _4798.082 Contract Specifications - 2024 Pavement Patching FINAL

Trustee Liason

Trustee Stein

Staff Contact

Kyle Johnson, Village Engineer



MEMORANDUM

DATE: March 12, 2024
TO: Dane Bragg, Village Manager
FROM: Kyle Johnson, Deputy Public Works Director/Village Engineer
SUBJECT: 2024 Pavement Patching Project Award of Bid

The 2024 Pavement Patching Project was advertised for bids and opened on February 8th, 2024. The lowest, qualified bid was in the amount of \$188,831.75 from Peter Baker and Son Company. The project includes pavement patches of a two-inch depth to be constructed on various streets within the Village helping extend the life of the overall pavement or as patches that are larger than the capabilities of Public Works Operations.

Attached is a copy of the Tabulation of Bids for the program indicating the lowest, qualified bid of \$188,831.75 by Peter Baker and Son Company. Staff recommends that the Village Board award the contract to Peter Baker and Son Company as the firm is qualified to perform the work and is the lowest bidder. Due to the size and scope of the project, staff recommends a contingency fund be created and controlled by the Village in the amount of \$18,883.18 (10.0% of the project cost). As bids came in below the engineers estimate Public Works staff will consult with the Village Manager prior to exceeding the low bid price of \$188,831.75. This project is entirely funded by Illinois Motor Fuel Tax Funds (MFT).

ORDINANCE 2024-_____

AN ORDINANCE AUTHORIZING A CONSTRUCTION CONTRACT WITH PETER BAKER AND SON CO.

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village seeks to enter into a Construction Contract with Peter Baker and Son Co. for pavement patching of various Village streets,

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Village Manager is authorized to enter into a Construction Contract with Peter Baker and Son Co. for pavement patching of various Village streets at a price not to exceed \$207,714.93, pending attorney review.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and shall not be codified.

AYES: _____

NAYES: _____

ABSENT: _____

PASSED: _____, 2024

APPROVED: _____, 2024

APPROVED:

Eric N. Smith, Village President

ATTEST:

Janet Sirabian, Village Clerk

February 9, 2024

Mr. Kyle Johnson, PE, CFM
Deputy Public Works Director/Village Engineer
Village of Buffalo Grove
51 Raupp Boulevard
Buffalo Grove, Illinois 60089



625 Forest Edge Drive, Vernon Hills, IL 60061
TEL 847.478.9700 ■ FAX 847.478.9701

www.gha-engineers.com

Re: 2024 Pavement Patching Project
VoBG-2024-05
Bid Results and Recommendation for Award

Dear Mr. Johnson:

On Thursday, February 8, 2024, bid proposals for the above referenced project were received, opened, and publicly read aloud via a Microsoft Teams video conference. This project includes hot-mix asphalt surface patching on various street segments throughout the Village limits.

As directed, the work considered was separated into a 'base bid' and an 'alternate'. Thus, two separate bid schedules were received from each contractor. Most of the proposed work was included in the base bid, and additional street segments were included in alternate 01.

Bid documents were solicited and available to contractors on the Village's website, and bids were received by eight (8) contractors. As-read, the combined bid amounts ranged from \$188,831.75 to \$393,600.00; the Engineer's Opinion of Probable Cost (EOPC) was \$250,800.00. The as-read low bid of \$188,831.75 was received from Peter Baker & Son Co. of Lake Bluff, Illinois. The bids for the base bid ranged from \$158,430.00 to \$321,800.00; the EOPC was \$215,425.00. The bids for alternate 01 ranged from \$27,835.00 to \$71,800.00; the EOPC was \$35,375.00.

Peter Baker & Son Co. is an IDOT prequalified firm and has the experience and means to perform the work in accordance with the plans and specifications.

We recommend that the Village Board authorize the award of a construction contract for the 2024 Pavement Patching Project to Peter Baker & Son Co. in the amount of \$188,831.75. This includes the award of the base bid, and alternate 01.

If you have any questions or require additional information regarding the above, please do not hesitate to contact me at (847) 344-5719 or by email at ldeferville@gha-engineers.com.

Sincerely,
GEWALT HAMILTON ASSOCIATES, INC.

Lucas Deferville
Assistant Director of Construction & Survey Services

Encl.: Bid Summary

CC: Tom Wisniewski – Village of Buffalo Grove
Leo Morand, PE – Gewalt Hamilton Associates, Inc.

Client: Village of Buffalo Grove
Project: 2024 Pavement Patching Project (VoBG-2024-05)
GHA Project No: 4798.082

Project Manager: Lucas Deferville
Bid Opening Date: 2/8/2024
Bid Opening Location: Virtual

Item No.				Engineer's Opinion of Probable Cost		BID TABULATION															
						Peter Baker & Son Co. Lake Bluff, IL		Maneval Construction Ingleside, IL		Schroeder Asphalt Services, Inc. Huntley, IL		Chicagoland Paving Contractors, Inc. Lake Zurich, IL		J.A. Johnson Paving Company Arlington Heights, IL		Builders Paving, LLC Hillside, IL		A Lamp Concrete Contractors, Inc. Schaumburg, IL		Brothers Asphalt Paving Inc. Addison, IL	
						Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
67100100	Mobilization	1.0	LS	\$11,000.00	\$11,000.00	\$3,160.00	\$3,160.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$6,035.00	\$6,035.00	\$1,500.00	\$1,500.00	\$10,500.00	\$10,500.00	\$20,000.00	\$20,000.00	\$23,000.00	\$23,000.00
70102620	Traffic Control and Protection, Standard 701501	1.0	LS	\$8,000.00	\$8,000.00	\$4,313.00	\$4,313.00	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00	\$1,500.00	\$1,500.00	\$8,357.00	\$8,357.00	\$3,000.00	\$3,000.00	\$25,000.00	\$25,000.00	\$2,200.00	\$2,200.00
-	Class D Patches, Type II, 2 Inch (Special)	480.0	SY	\$35.00	\$16,800.00	\$30.00	\$14,400.00	\$26.00	\$12,480.00	\$24.50	\$11,760.00	\$27.00	\$12,960.00	\$26.00	\$12,480.00	\$38.00	\$18,240.00	\$40.00	\$19,200.00	\$40.00	\$19,200.00
-	Class D Patches, Type III, 2 Inch (Special)	1,250.0	SY	\$30.00	\$37,500.00	\$23.75	\$29,687.50	\$21.00	\$26,250.00	\$22.00	\$27,500.00	\$27.00	\$33,750.00	\$24.00	\$30,000.00	\$30.00	\$37,500.00	\$35.00	\$43,750.00	\$40.00	\$50,000.00
-	Class D Patches, Type IV, 2 Inch (Special)	5,685.0	SY	\$25.00	\$142,125.00	\$19.25	\$109,436.25	\$20.00	\$113,700.00	\$21.75	\$123,648.75	\$23.00	\$130,755.00	\$24.00	\$136,440.00	\$25.00	\$142,125.00	\$30.00	\$170,550.00	\$40.00	\$227,400.00
Total Base Bid:				\$215,425.00		\$160,996.75		\$158,430.00		\$169,408.75		\$185,000.00		\$188,777.00		\$211,365.00		\$278,500.00		\$321,800.00	
67100100	Mobilization	1.0	LS	\$2,000.00	\$2,000.00	\$250.00	\$250.00	\$4,000.00	\$4,000.00	\$500.00	\$500.00	\$4,975.00	\$4,975.00	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$21,000.00	\$21,000.00
70102620	Traffic Control and Protection, Standard 701501	1.0	LS	\$1,250.00	\$1,250.00	\$320.00	\$320.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$2,520.00	\$2,520.00	\$1,300.00	\$1,300.00	\$5,000.00	\$5,000.00	\$2,200.00	\$2,200.00
-	Class D Patches, Type II, 2 Inch (Special)	80.0	SY	\$35.00	\$2,800.00	\$31.00	\$2,480.00	\$47.00	\$3,760.00	\$25.00	\$2,000.00	\$27.00	\$2,160.00	\$29.00	\$2,320.00	\$38.00	\$3,040.00	\$40.00	\$3,200.00	\$40.00	\$3,200.00
-	Class D Patches, Type III, 2 Inch (Special)	190.0	SY	\$30.00	\$5,700.00	\$26.00	\$4,940.00	\$26.00	\$4,940.00	\$23.00	\$4,370.00	\$27.00	\$5,130.00	\$26.00	\$4,940.00	\$30.00	\$5,700.00	\$35.00	\$6,650.00	\$40.00	\$7,600.00
-	Class D Patches, Type IV, 2 Inch (Special)	945.0	SY	\$25.00	\$23,625.00	\$21.00	\$19,845.00	\$18.00	\$17,010.00	\$22.75	\$21,498.75	\$23.00	\$21,735.00	\$26.00	\$24,570.00	\$25.00	\$23,625.00	\$30.00	\$28,350.00	\$40.00	\$37,800.00
Total Alternate 01 Bid:				\$35,375.00		\$27,835.00		\$30,710.00		\$28,868.75		\$35,000.00		\$35,850.00		\$37,665.00		\$48,200.00		\$71,800.00	
Total Bid:				\$250,800.00		\$188,831.75		\$189,140.00		\$198,277.50		\$220,000.00		\$224,627.00		\$249,030.00		\$326,700.00		\$393,600.00	



COVER SHEET

Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Type of Funds

☒ Proposal Only ☐ Proposal and Plans ☐ Proposal only, plans are separate

Submitted/Approved

For Local Public Agency:

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

Official Title

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature & Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Buffalo Grove	Cook	24-00000-01-GM	Various Street Segments

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of www.vbg.org/bids

	Name of Office	
	until 9:30 AM	on 02/08/24
Address	Time	Date

Sealed proposals will be opened and read publicly at the office of a live, online meeting hosted by the Village,

	Name of Office	
https://rb.gy/q82r09	at 9:30 AM	on 02/08/24
Address	Time	Date

DESCRIPTION OF WORK

Location	Project Length
Various Locations Within the Village Limits	

Proposed Improvement

This project includes, but is not limited to, the following major work items: hot-mix asphalt surface pavement patching; and other associated improvements.

1. Plans and proposal forms will be available in the office of

www.vbg.org/bids
Office of the Purchasing Manager - (847) 459-2500

2. ☒ Prequalification

If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and two originals with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:

- Local Public Agency Formal Contract Proposal (BLR 12200)
- Schedule of Prices (BLR 12201)
- Proposal Bid Bond (BLR 12230) (if applicable)
- Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
- Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Buffalo Grove	Cook	24-00000-01-GM	Various Street Segments

PROPOSAL

1. Proposal of _____ Contractor's Name _____
 _____ Contractor's Address _____
2. The plans for the proposed work are those prepared by Gewalt Hamilton Associates, Inc.
 and approved by the Department of Transportation on _____.
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the " Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within _____ working days or by 06/07/24 unless additional time is granted in accordance with the specifications.
6. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.
7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.
8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.
9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.
10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: Village Treasurer of Buffalo Grove.
 The amount of the check is _____ (_____).

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number _____.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Buffalo Grove	Cook	24-00000-01-GM	Various Street Segments

CONTRACTOR CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense, or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Village of Buffalo Grove

Cook

24-00000-01-GM

Various Street Segments

SIGNATURES

(If an individual)

Bidder Signature & Date

Business Address

City

State

Zip Code

(If a partnership)

Firm Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert Names of Officers

President

Secretary

Treasurer

Attest:

Secretary



Page 382 of 583



Contractor's Name

--

City

--

Zip Code

--

--

County _____

Village of Buffalo Grove

Village of Buffalo GroveCook

24-00000-01-GM

Various Street Segments

Combination Letter	Section Included in Combinations	Total

Item Number	Items	Unit	Quantity	Unit Price	Total
	Alternate 01				
67100100	Mobilization	LS	1		
70102620	Traf Cont & Prot, Stan 701501	LS	1		
-	CL D Patches, Ty II, 2 (SP)	SY	80		
-	CL D Patches, Ty III, 2 (SP	SY	190		
-	CL D Patches, Ty IV, 2 (SP)	SY	945		
	Bidder's Total Proposal				

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.



Local Public Agency

Village of Buffalo Grove

County

Cook

Section Number

24-00000-01-GM

WE, _____ as PRINCIPAL, and
_____ as SURETY, are held jointly,

severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LPA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LPA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LPA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ of _____
Day Month and Year

Principal

Company Name

Signature & Date

By:

Title

Company Name

Signature & Date

By:

Title

(If Principal is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

Name of Surety

Signature of Attorney-in-Fact Signature & Date

By:

STATE OF IL

COUNTY OF

I _____, a Notary Public in and for said county do hereby certify that

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____
Day Month and Year

(SEAL, if required by the LPA)

Notary Public Signature & Date

Date commission expires _____

Local Public Agency

County

Section Number

Village of Buffalo Grove

Cook

24-00000-01-GM

ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LPA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

--	--	--	--	--	--	--	--	--	--	--	--	--

Company/Bidder Name

--

Signature & Date

--

Title

--



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Buffalo Grove	Cook	Various Street Segments	24-00000-01-GM

All contractors are required to complete the following certification

- ☐ For this contract proposal or for all bidding groups in this deliver and install proposal.
- ☐ For the following deliver and install bidding groups in this material proposal.

--

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidder's subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

1. Except as provided in paragraph 4 below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
2. The undersigned bidder further certifies, for work to be performed by subcontract, that each of its subcontractors either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
3. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

--

4. Except for any work identified above, if any bidder or subcontractor shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforces and positions of ownership. ☐

--

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or afterward may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder	Signature & Date						
<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>					
Title							
<table border="1"><tr><td></td></tr></table>							
Address	City	State	Zip Code				
<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>	



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Buffalo Grove	Cook	Various Street Segments	24-00000-01-GM

I, _____ of _____, _____,
Name of Affiant City of Affiant State of Affiant
being first duly sworn upon oath, state as follows:

1. That I am the _____ of _____.
Officer or Position Bidder
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under the proposal described above, _____, will maintain a business office in the
Bidder
State of Illinois, which will be located in _____ County, Illinois.
County
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

Signature & Date

Print Name of Affiant

Notary Public

State of IL

County _____

Signed (or subscribed or attested) before me on _____ by
(date)

_____, authorized agent(s) of
(name/s of person/s)

Bidder

Notary Public Signature & Date

(SEAL)

My commission expires _____



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					

Total Uncompleted					
-------------------	--	--	--	--	--

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Affidavit of Availability

For the Letting of

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

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Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	2	3	4	Awards Pending	1
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					

Total Uncompleted					
-------------------	--	--	--	--	--

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Affidavit of Availability

For the Letting of

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Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

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Earthwork						
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Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					

Total Uncompleted					
-------------------	--	--	--	--	--

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Affidavit of Availability

For the Letting of

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
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Cold Milling, Planning, Rotomilling						
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Other Construction (List)						
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Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

EXHIBIT A - PUBLIC CONTRACT STATEMENT

This Public Contract Statement (the “**Contract Statement**”) has been executed by the below supplier, Contractor or vendor (collectively the “**Contractor**”) in order for the Village of Buffalo Grove to obtain certain information necessary prior to awarding a public contract. The Contract Statement shall be executed and notarized and submitted as part of the Bid Proposal.

CERTIFICATION OF CONTRACTOR/BIDDER

In order to comply with 720 Illinois Compiled Statutes 5/33 E-1 et seq., the Village of Buffalo Grove requires the following certification be acknowledged:

The Contractor certifies that it is not barred from bidding or supplying any goods, services or construction let by the Village of Buffalo Grove with or without bid, due to any violation of either Section 5/33 E-3 or 5/33 E-4 of Article 33E, Public Contracts, of the Chapter 720 of the Illinois Compiled Statutes, as amended. This act relates to interference with public contracting, bid rigging and rotating, kickbacks, and bidding.

CERTIFICATION RELATIVE TO 65 ILCS 5/11-42.1.1

In order to comply with 65 Illinois Compiled Statutes 5/11-42.1.1, the Village of Buffalo Grove requires the following certification:

The Contractor does hereby swear and affirm that it is not delinquent in the payment of any tax administered by the Illinois Department of Revenue unless it is contesting such tax in accordance with the procedures established by the appropriate revenue act, its liability for the tax or the amount of the tax. The undersigned further understands that making a false statement herein: (1) is a Class A misdemeanor, and (2) voids the contract and allows the Village to recover all amounts paid to it under the contract.

CONFLICT OF INTEREST

The Village of Buffalo Grove Municipal Code requires the following verification relative to conflict of interest and compliance with general ethics requirements of the Village:

The Contractor represents and warrants to the Village of Buffalo Grove as a term and condition of acceptance of their Bid Proposal that none of the following Village officials is either an officer or director of Contractor nor owns five percent (5%) or more of the Contractor: the Village President, the members of the Village Board of Trustees, the Village Clerk, the Village Treasurer, the members of the Zoning Board of Appeals and the Plan Commission, the Village Manager and his/her Assistant, or the heads of the various departments within the Village.

If the foregoing representation and warranty is inaccurate, state the name of the Village official who either is an officer or director of your business entity or owns five percent (5%) or more thereof: _____.

OTHER COMMITMENTS

Has your firm ever been debarred by a governmental agency in the State of Illinois within the last 7 years? If no, please check the box. ☐

I have read, understand and am able to fulfill the requirements of the contract documents. If yes, please check the box. ☐

I can provide insurance documents that meet the terms of the contract documents, which includes original endorsements that explicitly names the Village of Buffalo Grove (and others per the contract documents). If yes, please check the box. ☐

In the past 7 years has your firm been involved in litigation, arbitration, or mediation with a governmental agency? If no, please check the box. ☐ If yes, please provide a brief description.

IN WITNESS WHEREOF, the below Contractor has signed and sealed this Contract Statement as of this ____ day of _____, 20__.

Print Name of Contractor

Signature

Print Title

Given under my hand and official seal, this ____ day of _____, 20__.

Notary Public



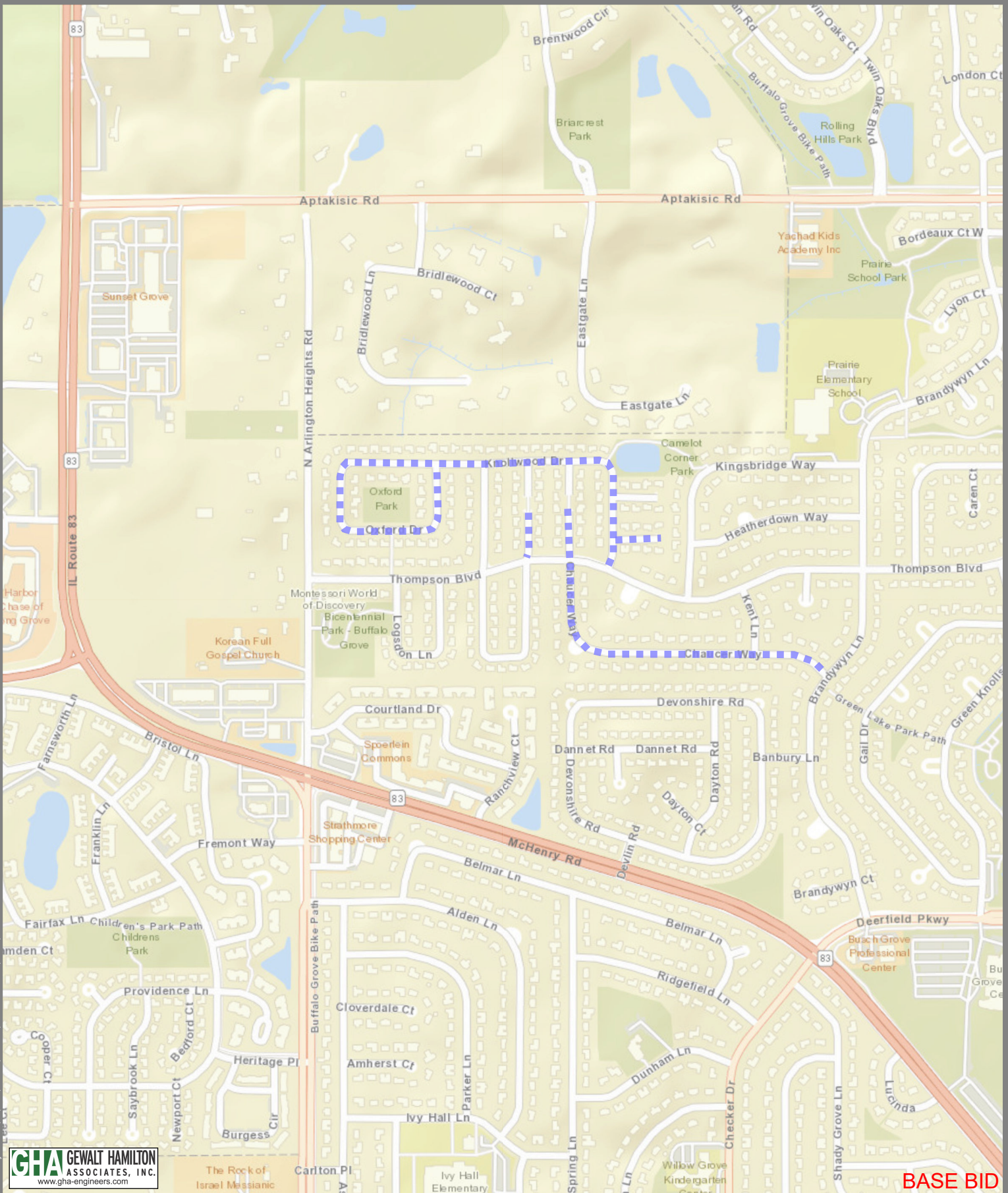
BASE BID



1 in = 800 ft

2024 Pavement Patching Project - Area 01

Village of Buffalo Grove



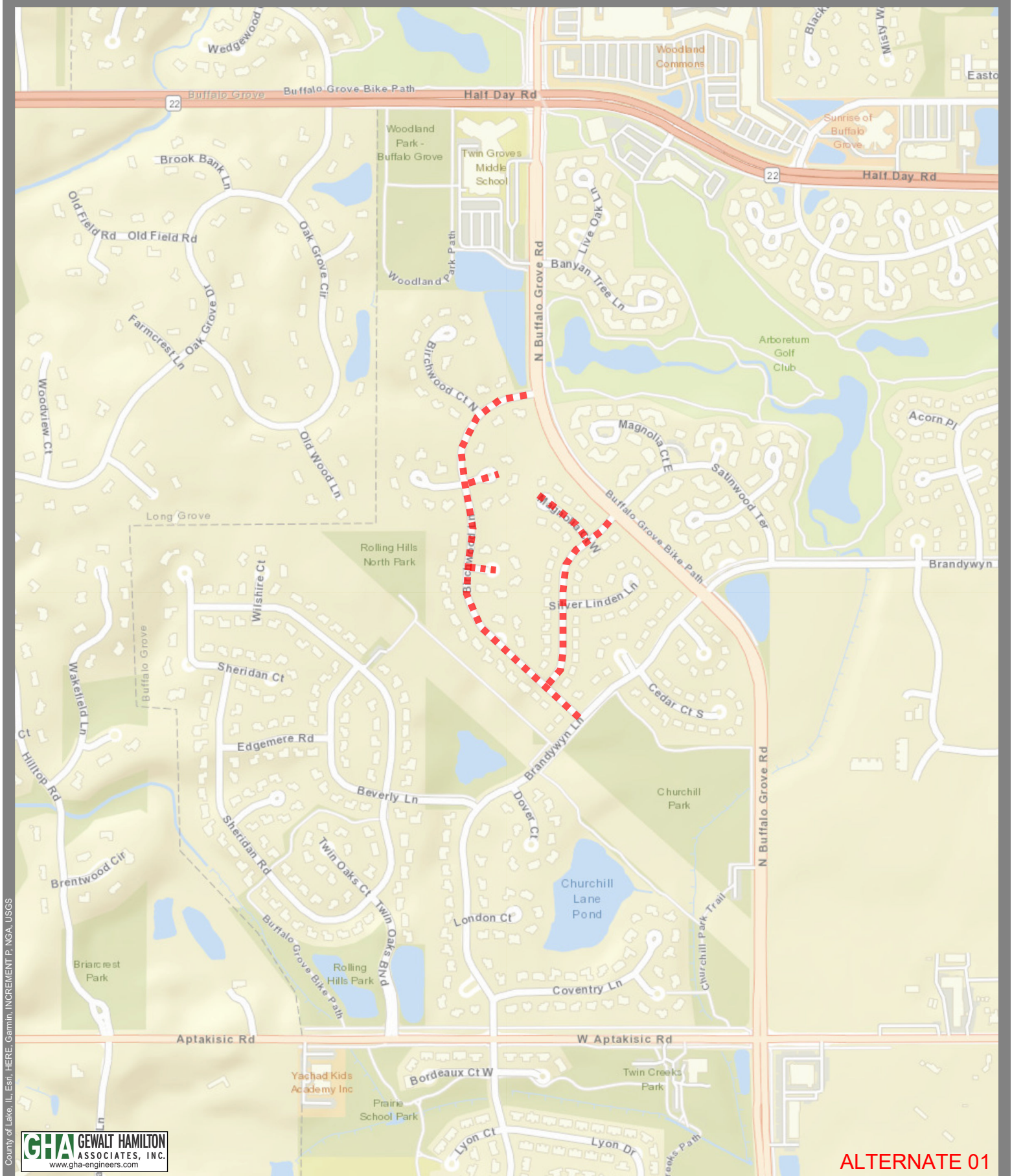
BASE BID



1 in = 700 ft

2024 Pavement Patching Project - Area 02

Village of Buffalo Grove



ALTERNATE 01

2024 Pavement Patching Project - Area 03

Village of Buffalo Grove



1 in = 700 ft

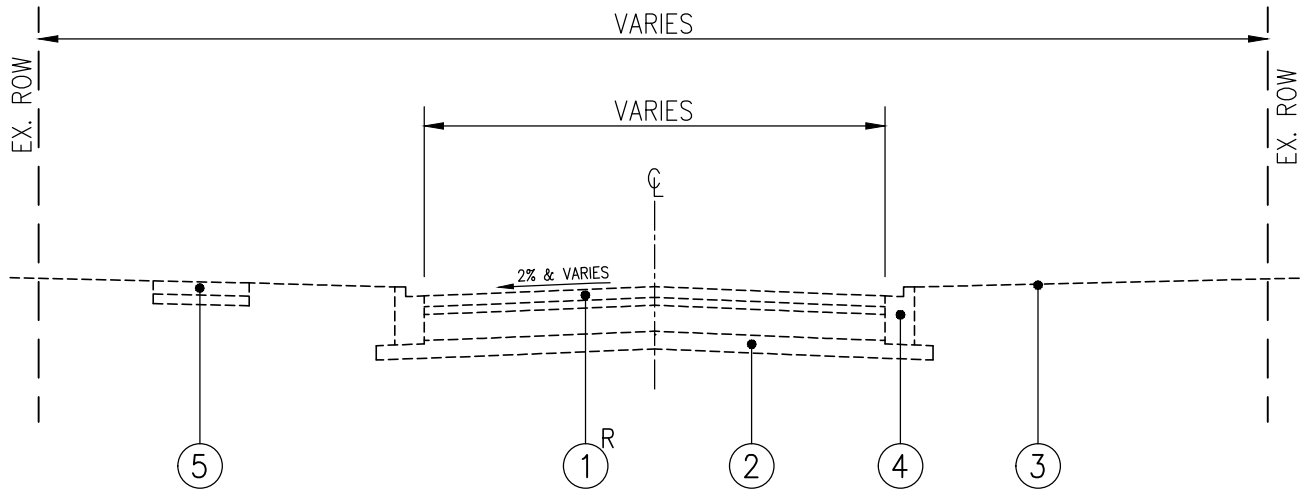
Description of Work
2024 Pavement Patching Project
Village of Buffalo Grove

The following is a list of streets including limits, and a brief description of work:

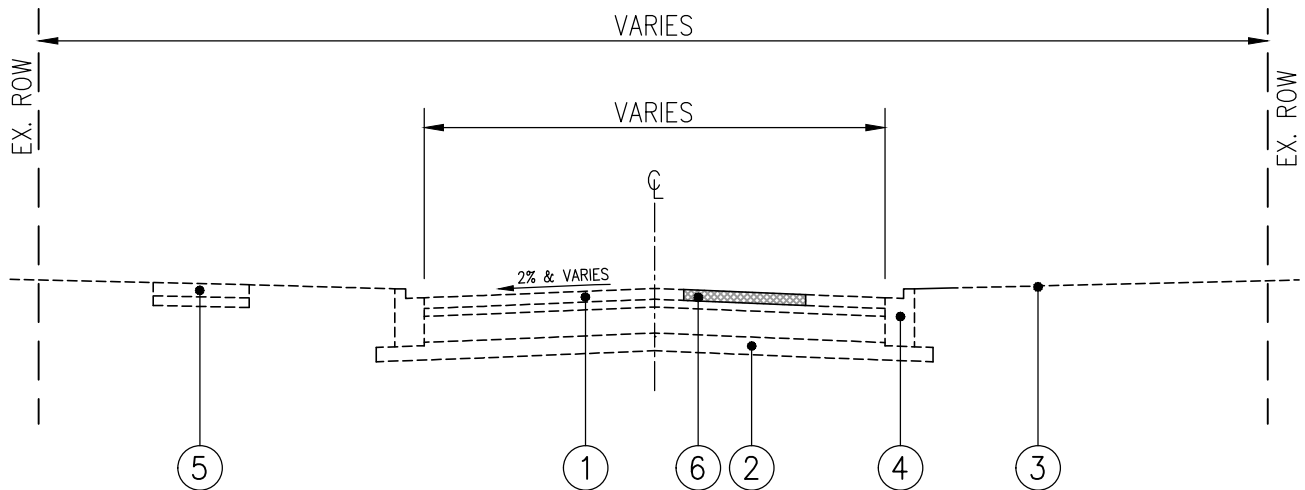
Street	From/To
Base Bid	
Area 01	
Asbury Drive	Busch Pkwy to Barclay Blvd
Barclay Boulevard	Aptakisic Rd to Deerfield Pkwy
Corporate Grove Drive	Asbury Dr to Barclay Blvd
Area 02	
Chaucer Way	Thompson Blvd to Brandywyn Ln
Knollwood Court South	Knollwood Dr to East End
Knollwood Drive	Thompson Blvd to Oxford Dr
Mayflower Court East	Thompson Blvd to North End
Mayflower Court West	Thompson Blvd to North End
Oxford Drive	Knollwood Dr to Knollwood Dr
Various Locations	
Alternate 01	
Area 03	
Birchwood Court South	Birchwood Ln to East End
Birchwood Lane	Buffalo Grove Rd to Brandywyn Ln
Hackberry Court East	Birchwood Ln to East End
Magnolia Court West	North End to Satinwood Terr
Satinwood Terrace	Birchwood Ln to Buffalo Grove Rd

The above street segments will include hot-mix asphalt surface patching, and other associated improvements at various locations selected by the Engineer.

HMA PAVEMENT PATCHING (SEE DESCRIPTION OF WORK)



EXISTING PAVEMENT SECTION



PROPOSED PAVEMENT SECTION

TYPICAL SECTION LEGEND

- | NO | DESCRIPTION |
|----------------|--|
| ① | EXISTING BITUMINOUS PAVEMENT, VARIES |
| ② | EXISTING AGGREGATE BASE COURSE, VARIES |
| ③ | EXISTING GROUND |
| ④ | EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE VARIES |
| ⑤ | EXISTING CONCRETE SIDEWALK |
| ⑥ | PROPOSED CLASS D PATCHES, 2 INCH (as required) |
| ⓧ ^R | ITEM TO BE REMOVED |

HMA - MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PATCHING		
HMA Surface Course, Mix D, IL-9.5, N50 2"	4% @ 50 Gyr.	
QMP Designations: Quality Control/Quality Assurance (QC/QA)		

- The unit weight used to calculate all HMA Surface Mixture quantities is 112 lb/sy/in.
- The 'AC Type' for Polymerized HMA mixes shall be 'SBS/SBR PG 76-22' and for non-polymerized HMA the 'AC Type' shall be 'PG 64-22' unless modified by District One Special Provisions.
- For HMA full depth 'AC Type' see Special Provisions.
- For use of recycled materials see Special Provisions.
- Quality Management Program (QMP) identifies the particular quality control specification that applies to the HMA mixture.

SUMMARY OF QUANTITIES - BASE BID					Area 01				
SP	ITEM NO	DESCRIPTION	UNIT	QUANTITY	Asbury Drive	Barclay Boulevard	Corporate Grove Drive	Chaucer Way	Knollwood Court S
	67100100	Mobilization	LS	1.0					
	70102620	Traffic Control and Protection, Standard 701501	LS	1.0					
*	-	Class D Patches, Type II, 2 Inch (Special)	SY	480.0	90.0	100.0	80.0	70.0	10.0
*	-	Class D Patches, Type III, 2 Inch (Special)	SY	1,250.0	270.0	300.0	235.0	120.0	15.0
*	-	Class D Patches, Type IV, 2 Inch (Special)	SY	5,685.0	1450.0	1600.0	1250.0	500.0	35.0

* Special Provision Required

SUMMARY OF QUANTITIES - BASE BID					Area 02				
SP	ITEM NO	DESCRIPTION	UNIT	QUANTITY	Knollwood Drive	Mayflower Court E	Mayflower Court W	Oxford Drive	Various Locations
	67100100	Mobilization	LS	1.0					
	70102620	Traffic Control and Protection, Standard 701501	LS	1.0					
*	-	Class D Patches, Type II, 2 Inch (Special)	SY	480.0	35.0	10.0	10.0	55.0	20.0
*	-	Class D Patches, Type III, 2 Inch (Special)	SY	1,250.0	150.0	15.0	15.0	80.0	50.0
*	-	Class D Patches, Type IV, 2 Inch (Special)	SY	5,685.0	550.0	25.0	25.0	150.0	100.0

* Special Provision Required

SUMMARY OF QUANTITIES - ALTERNATE 01					Area 03				
SP	ITEM NO	DESCRIPTION	UNIT	QUANTITY	Birchwood Court S	Birchwood Lane	Hackberry Court E	Magnolia Court W	Satinwood Terrace
	67100100	Mobilization	LS	1.0					
	70102620	Traffic Control and Protection, Standard 701501	LS	1.0					
*	-	Class D Patches, Type II, 2 Inch (Special)	SY	80.0	10.0	30.0	10.0	10.0	20.0
*	-	Class D Patches, Type III, 2 Inch (Special)	SY	190.0	15.0	80.0	15.0	20.0	60.0
*	-	Class D Patches, Type IV, 2 Inch (Special)	SY	945.0	50.0	445.0	50.0	95.0	305.0

* Special Provision Required



Local Public Agency

County

Section Number

Village of Buffalo Grove

Cook

24-00000-01-GM

☐ Check this box for lettings prior to 01/01/2024.

The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Recurring Special Provisions

Check Sheet #		Page No.
1	☐ Additional State Requirements for Federal-Aid Construction Contracts	59
2	☐ Subletting of Contracts (Federal-Aid Contracts)	62
3	☐ EEO	63
4	☐ Specific EEO Responsibilities Non Federal-Aid Contracts	73
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Local Public Agency	County	Section Number
Village of Buffalo Grove	Cook	24-00000-01-GM

The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Local Roads And Streets Recurring Special Provisions

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LRS 1	Reserved	153
LRS 2	☐ Furnished Excavation	154
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LRS 14	☐ Paving Brick and Concrete Paver Pavements and Sidewalks	181
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LRS 19	☐ Reflective Crack Control Treatment	188



Local Public Agency	County	Section Number
Village of Buffalo Grove	Cook	24-00000-01-GM

The following Special Provision supplement the "Standard Specifications for Road and Bridge Construction", adopted

January 1, 2022, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation of bids, and the Supplemental Specification and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of the above named section, and in case of conflict with any parts, or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

2024 Pavement Patching Project

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FOR CONTRACT SPECIAL PROVISIONS**

General Conditions

1. General Conditions
2. Scope of Work
3. Definition of Village of Buffalo Grove
4. Clean Construction and Demolition Debris (CCDD) Material Disposal
5. JULIE Notification
6. Notice to Bidders
7. Village Contractor Registration
8. Completion Date
9. Contract Sequencing
10. Construction Work Periods
11. Pre-Construction Meeting
12. Authority of the Engineer
13. Status of Utilities
14. Existing Hardscape
15. Protection of Mailboxes
16. Saw Cutting
17. Use of Fire Hydrants
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20. Traffic Control Plan
21. Maintenance of Roadways
22. Use of the Work Site
23. Indemnification
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29. Compliance With Laws
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32. Controlling Law and Venue
33. Miscellaneous
34. Application For Payment

35. Retainage and Waivers
36. Certified Payroll Reports
37. Monetary Penalties
38. Public Notification
39. Maintenance Bond

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1. Class D Patches

IDOT District One - Special Provisions

1. Friction Aggregate (D-1)
2. Ground Tire Rubber (GTR) Modified Asphalt Binder (D-1)
3. Hot-Mix Asphalt (D-1)
4. Hot-Mix Asphalt Binder and Surface Course(D-1)
5. Hot-Mix Asphalt – Mixture Design Verification and Production (D-1)

General Conditions

1. General Conditions

It is the policy of the Municipality and other governing agencies to set standards for the performance of road and bridge construction. This contract shall expressly adhere to the 'Standard Specifications for Road and Bridge Construction', latest edition, and the 'Standard Specifications for Water and Sewer Main Construction in Illinois', latest edition, unless otherwise specified herein.

2. Scope of Work

The provisions of Article 104.02 of the Standard Specifications are hereby amended as follows: **"The Village of Buffalo Grove (Village) expressly reserves the right to remove from or add to the project any portions thereof included in the 2024 Pavement Patching Project. Such additions or reductions, if any, shall be made in writing by the Village prior to execution of the Contract Documents. Any addition or reduction in the scope of work required by the Village prior to the execution of the Contract Documents shall not result in an adjustment to the contract or to the price originally bid."**

3. Definition of Village of Buffalo Grove

All references in the contract relating to the Department, Awarding Authority, Village of Buffalo Grove, Village etc. shall mean the Village of Buffalo Grove.

4. Clean Construction and Demolition Debris (CCDD) Material Disposal

Work under this item shall be performed in compliance with the Illinois Environmental Protection Agency (IEPA) guidelines in effect at the time of construction.

The Contractor will be required to make all arrangements for coordination and submission of the necessary documents with their chosen CCDD or other suitable disposal facility. Written confirmation of preliminary approval must be provided from the disposal facility and confirmed by the Owner as acceptable.

All surplus, clean material generated from the Contractor's activities must be disposed of at an IEPA permitted CCDD or otherwise acceptable facility. The Contractor is responsible for providing documentation to the Owner for each load hauled off-site showing the quantity of material and the location the material was disposed of.

Disposal of clean material not in compliance with these requirements will constitute breach of contract. If the Contractor fails to provide adequate documentation supporting the legal disposal of clean material according to this special provision, the Contractor shall be fined \$1,000 per load of material and will assume all liability associated with material disposed of not in compliance with this special provision.

No extra compensation will be allowed to the Contractor for any expenses incurred complying with these requirements including but not limited to: delays, inconvenience, or interruptions in the work resulting from compliance with these requirements. All costs associated with material disposal shall be included into the appropriate unit bid prices for the work.

5. JULIE Notification

The Contractor shall call the Joint Utility Locating Information for Excavators (JULIE) (1-800-892-0123 or 811), a minimum of forty-eight (48) hours in advance of work being done in the area in accordance with Article 107.39 of the Standard Specifications.

For utilities which are not members, excluding homeowners, the Contractor shall contact the owners directly. The Contractor will be required to cooperate with all utility companies and municipal agencies involved in connection with the removal, temporary relocation, reconstruction or abandonment by these agencies of any and all services.

No additional compensation will be allowed the Contractor for any expense incurred by complying with these requirements, or because of delays, inconvenience or interruptions in his work resulting from the failure of the municipal agencies or utility company to remove, relocate, reconstruct or abandon their services.

6. Notice to Bidders

All bid proposals must be submitted electronically through the Village's Vendor Registry online procurement system. **Hard copy bids will not be accepted.** As read results of the bids will be posted to the Village's webpage, www.vbg.org/bids as soon as possible following the bid opening. In order to submit a bid proposal, bidders

- a. Go to www.vbg.org/bids
- b. Select on the project description, '2024 Pavement Patching Project' and click the large red button at the top

- c. Log in to your account and enter your total bid.
- d. Include an attachment (up to 200 MB), the following bid documents only:
 - i. Local Public Agency Formal Contract Proposal
 - ii. Schedule of Prices
 - iii. Local Agency Proposal Bid Bond
- e. The following documents will be requested by the two (2) as read low bidders immediately following the bid opening:
 - i. Apprenticeship or Training Program Certification
 - ii. Affidavit of Illinois Business Office
 - iii. Affidavit of Availability
 - iv. Village of Buffalo Grove Public Contract Statement

All bids will be opened and read publicly via the Microsoft Teams video conferencing platform.

Please join on your computer, mobile app or room device

<https://rb.gy/q82r09>

Meeting ID: 244 228 781 566

Passcode: 3xQsan

7. Village Contractor Registration

All bidders are required to fully register with the Village of Buffalo Grove, including IRS Form W-9, at:

<https://vrapp.vendorregistry.com/Vendor/Register/Index/buffalo-grove-village-of-il-vendor-registration>

OR

www.vbg.org/bids

Select the link 'Register My Business'

Please contact Vendor Registry at (844) 802-9202 for assistance in the registration process.

The Village of Buffalo Grove reserves the right to reject any or all proposals if the bidder does not comply with the requirements as stated herein.

8. Completion Date

The Contractor shall commence the work to be performed under this contract, on or near Monday, April 29, 2024. The work shall be prosecuted in such a manner and with such a supply of materials, equipment and labor as considered necessary to ensure its completion according to the time specified in the contract. The Contractor shall have ten (10) working days from the actual date the Contractor begins work to complete this project. An additional two (2) working days will be allowed if the Village awards the Alternate. All work shall be completed, regardless of the actual start date by **Friday, June 7, 2024**, including punch list items, as defined in Article 108.04 of the Standard Specifications.

In case of failure to complete the work on time, the provisions of Article 108.09 of the Standard Specifications shall apply following the calendar day schedule of deductions.

The estimated Village Board award date for this project is Monday, February 21, 2024.

9. Contract Sequencing

The Contractor shall notify the Engineer at least 72 hours in advance of beginning work and 48 hours prior to construction commencement on each subsequent street. Construction operations shall be conducted in a manner such that streets will remain open to all traffic. At no time shall residents or business owners be kept out of their driveway over a weekend or holiday as defined in article 107.09 of the Standard Specifications.

Work shall be scheduled so that it is continuous on the various roadways. The Contractor and approved Subcontractor(s) shall, at all times, employ and provide sufficient labor, tools, equipment, multiple mobilizations, and other incidental items for prosecuting the work to full completion in the manner and time required by the contract.

10. Construction Work Periods

Construction operations shall be completed in accordance with Article 107.09 of the Standard Specifications. All work shall be confined to the period beginning at 7:00 AM and ending at 6:00 PM on weekdays. No work shall be done on weekends or legal holiday periods as defined in Article 107.09 of the Standard Specifications.

Any work outside the allowed time periods specified including but not limited to, material deliveries, mobilization of equipment, warming up machinery, and mobilization of equipment, a penalty of \$1,000 per occurrence may be imposed.

11. Pre-Construction Meeting

Prior to commencing any construction operations, there shall be a pre-construction meeting. The Owner or Engineer will set the time and date of the meeting following Contract award.

The following shall be submitted by the Contractor for review at the pre-construction meeting:

A Progress Schedule in accordance with Article 108.02.

The 24-hour emergency phone number and contact information of the assigned Contractor's superintendent, or otherwise.

The name and 24-hour emergency phone number of the person in the direct employ of the Contractor who is responsible for administering the Traffic Control and Protection on the Contract

A list of subcontractors with contact information, including but not limited to name, phone number, and email address, and include quantity and type of work to be sublet for each respective subcontractor in accordance with Article 108.01 of the Standard Specifications.

A list of proposed sources of material.

Hot-mix asphalt and concrete mix designs, and respective quality control plans.

Any applicable shop drawing submittals.

12. Authority of the Engineer

Revise Article 105.01 Authority of Engineer to read:

"All work shall be done in accordance with the requirements of the Contract, the Engineer shall have the right, but not the obligation, to observe all work. The Engineer shall decide all questions that arise as to the interpretation of the Plans and Specifications and as to disputes and mutual rights between Contractors under the Specifications. The Engineer shall advise the Village of Buffalo Grove as to the quality and acceptability of materials furnished and work performed, rate of progress of the work, and acceptable fulfillment of the Contract. The Engineer will determine the amount of materials furnished and work performed. The Engineer's advice and determinations shall be conditions precedent to the right of the Contractor to receive money due the Contractor under the Contract."

"The Engineer will notify the Contractor in writing if the work is to be suspended by the Village of Buffalo Grove wholly or in part due to the failure of the Contractor to carry out provisions of the contract; for failure to carry out orders; for such periods due to unsuitable weather; for conditions considered unsuitable for the prosecution of the work or for any other condition or reason deemed to be in the public interest."

"In case of failure on the part of the Contractor to execute work as directed by the Engineer, the Village of Buffalo Grove may, at the expiration of a period of 48 hours after giving notice in writing to the Contractor, proceed to execute such work as may be deemed necessary, and the cost thereof shall be deducted from compensation due or which may become due to the Contractor under the contract."

The Engineer shall not assume any of the responsibilities of the Contractor's superintendent or of subcontractors; shall not expedite the work for the Contractor; and shall not advise on, or issue directions concerning aspects of construction means, methods, techniques, sequences or procedures, or safety precautions in connection with the work.

13. Status of Utilities (D-1)

Effective: June 1, 2016
Revised: January 1, 2020

Utility companies and/or municipal owners located within the construction limits of this project have provided the following information regarding their facilities and the proposed improvements. The tables below contain a description of specific conflicts to be resolved and/or facilities which will require some action on the part of the Department's contractor to proceed with work. Each table entry includes an identification of the action necessary and, if applicable, the estimated duration required for the resolution.

UTILITIES TO BE ADJUSTED

Conflicts noted below have been identified by following the suggested staging plan included in the contract. The company has been notified of all conflicts and will be required to obtain the necessary permits to complete their work; in some instances, resolution will be a function of the construction staging. The responsible agency must relocate, or complete new installations as noted below; this work has been deemed necessary to be complete for the Department's contractor to then work in the stage under which the item has been listed.

No conflicts to be resolved.

UTILITIES TO BE WATCHED AND PROTECTED

The areas of concern noted below have been identified by following the suggested staging plan included for the contract. The information provided is not a comprehensive list of all remaining utilities, but those which during coordination were identified as ones which might require the Department's contractor to take into consideration when making the determination of the means and methods that would be required to construct the proposed improvement. In some instances, the contractor will be responsible to notify the owner in advance of the work to take place so necessary staffing on the owner's part can be secured.

No facilities requiring extra consideration.

The following contact information is what was used during the preparation of the plans as provided by the owner of the facility.

Agency/Company Responsible to Resolve Conflict	Name of Contact	Phone	E-mail address
AT&T Distribution	Janet Ahern Hector Garcia	(630) 573-6414 (630) 573-5465	Ja1763@att.com Hq2929@att.com
Comcast	Reena Thomas	(224) 229-5862	Reena_Thomas@comcast.com
ComEd	Terri Bleck		Terri.bleck@comed.com
Nicor Gas	Charles Parrott	(630) 388-3319	gasmaps@aglresources.com

The above represents the best information available to the Department and is included for the convenience of the bidder. The days required for conflict resolution should be considered in the bid as this information has also been factored into the timeline identified for the project when setting the completion date. The applicable portions of the Standard Specifications for Road and Bridge Construction shall apply.

Estimated duration of time provided above for the first conflicts identified will begin on the date of the executed contract regardless of the status of the utility relocations. The responsible agencies will be working toward resolving subsequent conflicts in conjunction with contractor activities in the number of days noted.

The estimated relocation duration must be part of the progress schedule submitted by the contractor. A utility kickoff meeting will be scheduled between the Department, the Department's contractor and the utility companies when necessary. The Department's contractor is responsible for contacting J.U.L.I.E. prior to all excavation work.

14. Existing Hardscape

Any damage to existing hardscape from tracked equipment or due to the Contractor's negligence, workmanship, or neglect shall be replaced at the Contractor's expense. It is recommended rubber tired or rubber tracked equipment is used. Any unwarranted disturbance to the existing hardscape to remain will warrant repairs made joint to joint and in conformance with the contract documents. The Engineer and Village shall determine the limits of removal and replacement, and all work shall be completed to their satisfaction.

15. Protection of Mailboxes

The Contractor shall take all necessary precautions when working near mailboxes within or adjacent to the project limits. If at the Contractor's discretion, a mailbox will interfere with construction operations, a temporary mailbox shall be located per the United States Postal Service requirements and the permanent mailbox reinstalled following said operation. At no time shall a resident be without a mailbox or not receive mail due to a mailbox being removed, replaced or damaged. The Contractor shall replace, at no additional cost to the Owner, any mailbox or post which has been damaged by the Contractor's operations due to neglect, misconduct or poor workmanship. The cost of all materials required and all labor necessary to comply with this specification herein will not be paid for separately, but shall be considered as included in the unit prices bid and no additional compensation shall be allowed.

The Contractor must maintain access for both residents and mail carriers to all mailboxes throughout the duration of the project.

16. Saw Cutting

The Contractor shall be required to perform a perpendicularly straight joint by full-depth machine sawing of all proposed items to be removed prior to removal operations to prevent damage or spalling to existing hardscape to remain. Simple or partial depth scoring shall not be permitted. Saw cut locations may or may not be shown on the plans, however, shall be required in the field. All sawcut slurry, regardless of the amount, shall be promptly removed to prevent tracking. Any slurry tracked or left on surfaces to remain shall be thoroughly cleaned or replaced, at the direction of the Village or Engineer, by the Contractor at no additional cost to the Village.

The Contractor shall replace, at no additional cost to the Village, any hardscape, outside of the limit of improvements, damaged by the Contractor's operations due to neglect, misconduct, or poor workmanship.

17. Use of Fire Hydrants

The indiscriminate use of fire hydrants is strictly prohibited. The Contractor can obtain non-potable water in bulk at no charge at the Buffalo Grove Public Works Department, 51 Raupp Blvd. The Contractor shall provide a water truck or containment and driver to obtain and transport the water. All water obtained from the Village shall be used for this project only. If deemed necessary, the Village reserves the right to restrict or refuse the use of Village water. The Contractor will be responsible for executing the required paperwork and follow all requirements of the Village. If it is determined that the Contractor or its subcontractors operate or use a Village fire hydrant, a monetary penalty of \$1,000 per occurrence that will be imposed.

18. Dust Control

The Contractor shall be required to control dust or air-borne dirt resulting from construction operations by utilizing a mechanical street sweeper on all pavement within or adjacent to the project work zone throughout the duration of the project. The resulting debris shall be disposed of off-site in accordance with Article 202.03 of the Standard Specifications. Individual fire hydrant use shall not be permitted to control dust at specific locations. The Contractor shall provide dust control operations daily or as directed by the Engineer.

The cost of this work shall be included in the unit prices bid and no additional compensation shall be allowed to control dust as specified herein.

19. Refuse Pick Up Schedule

There will be no placement of hot-mix asphalt allowed on scheduled days of refuse pick up. The Contractor shall be responsible for determining the current refuse pickup schedule and incorporating it into their proposed project schedule.

20. Traffic Control Plan

Effective: September 30, 1985

Revised: January 1, 2007

Traffic Control shall be according to the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highway Standards contained in the plans, and the Special Provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control.

Delays to the Contractor caused by complying with these requirements will be considered included in the cost of the contract, and no additional compensation will be allowed.

Standards

701301, 701501, and 701901

Details

701301-04 Lane Closure, 2L, 2W, Short Time Operations

701501-06 Urban Lane Closure 2L, 2W, Undivided

701901-08 Traffic Control Devices

TC-10 Traffic Control and Protection for Side Roads, Intersections and Driveways

Special Provisions

Dist 1 - Maintenance of Roadways

LRS 3 – Work Zone Traffic Control Surveillance

LRS 4 – Flaggers in Work Zones

BDE – Work Zone Traffic Control Devices

21. Maintenance of Roadways

Effective: September 30, 1985

Revised: November 1, 1996

Beginning on the date that the Contractor begins work on this project, he shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided for in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

22. Use of the Work Site

Contractor shall use the Work Site solely to complete the Work and such related activities as may be authorized or directed by the Village. Except as provided herein, Contractor shall not (nor shall Contractor cause or permit any employee or person under Contractor's control) to display or broadcast commercial, political, or religious messages or advertisements of any nature at the Work Site or in connection with the Work. The foregoing shall not be construed to prohibit the following at the Work Site or in connection with the Work: (a) the use of equipment, materials, or other items (e.g. personnel uniforms and clothing) that identify the Contractor (such as by displaying the Contractor's name, logo, slogan, contact information, or similar messages) or that identify the maker or supplier of such equipment, material, or item; or (b) the use or display of signs, flags, cones, traffic control devices, markers, or other similar devices that reasonably relate to the Work, Work Site

safety, public safety, or regulatory compliance; or (c) personal speech, religious practice, or expression by any individual performing Work or at the Work Site; or (d) upon written approval or direction of the Village, the display of information regarding the sponsor of the Work or funding sources for the Work.

In addition, Contractor shall not (nor shall Contractor require or permit its personnel, subcontractors, or subcontractors' personnel to) conduct any prohibited political activity at the Work Site or while performing the Work. Contractor and its personnel or subcontractors (including any subcontractor's personnel) shall not intentionally or knowingly use the Work Site or any other property or resources of the Village in connection with any prohibited political activity. For purposes of this section, the term "prohibited political activity" shall have the meaning set forth in Section 5 of the State Officials and Employees Ethics Act, 5 ILCS 430/1-5.

23. Indemnification

To the fullest extent permitted by law, the Contractor agrees to defend, pay on behalf of, indemnify, and hold harmless the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village against any and all claims, demands, suits or loss, including all costs connected therewith, and for any damages which may be asserted, claimed or recovered against or from the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village, by reason of personal injury, including bodily injury and death, and/or property damage, whether damage to property of the Village or of a third party, including loss of use thereof, which arises out of or is in any way connected or associated with the Contract and the Work.

For this project, the Village also hired a Consultant, Gewalt Hamilton Associates. The Contractor shall indemnify the Consultant in the same manner as the Village, as stated above.

24. Insurance Requirements

12.04.080 - Insurance.

A. Required Coverages and Limits. Unless otherwise provided by franchise, license, or similar agreement, each Contractor occupying right-of-way or constructing any facility in the right-of-way shall secure and maintain the following liability insurance policies insuring the Contractor as named insured and naming the Village, and its elected and appointed officers, officials, agents, and employees and Gewalt Hamilton Associates, Inc. and employees as additional insureds on the policies listed in subsection (A)(1) and (A)(2) of this section:

1. Commercial general liability insurance, including premises-operations, explosion, collapse, and underground hazard (commonly referred to as "X," "C," and "U" coverages) and products-completed operations coverage with limits not less than:
 - a. Five million dollars for bodily injury or death to each person,
 - b. Five million dollars for property damage resulting from any one accident, and
 - c. Five million dollars for all other types of liability;
2. Automobile liability for owned, non-owned and hired vehicles with a combined single limit of one million dollars for personal injury and property damage for each accident;
3. Worker's compensation with statutory limits; and
4. Employer's liability insurance with limits of not less than one million dollars per employee and per accident.

If the Contractor is not providing such insurance to protect the contractors and subcontractors performing the work, then such contractors and subcontractors shall comply with this section.

- B. Excess or Umbrella Policies. The coverages required by this section may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.
- C. **Copies Required. The Contractor shall provide copies of any of the policies including all endorsements or certificates required by this section to the Village within ten calendar days following receipt of a written request therefor from the Village.**
- D. Maintenance and Renewal of Required Coverages. The insurance policies required by this section shall contain the following endorsement:

"It is hereby understood and agreed that this policy may not be canceled nor the intention not to renew be stated until thirty (30) calendar days after receipt by the Village, by registered mail or certified mail, return receipt requested, of a written notice addressed to the Village Manager of such intent to cancel or not to renew."

Within ten (10) calendar days after receipt by the Village of said notice, and in no event later than ten (10) calendar days prior to said cancellation, the Contractor shall obtain and furnish to the Village evidence of replacement insurance policies meeting the requirements of this section.

- E. Self-Insurance. A Contractor may self-insure all or a portion of the insurance coverage and limit requirements required by subsection A of this section. A Contractor that self-insures is not required, to the extent of such self-insurance, to comply with the requirement for the naming of additional insureds under subsection A of this section, or the requirements of subsections B through D of this section. A Contractor that elects to self-insure shall provide to the Village evidence sufficient to demonstrate its financial ability to self-insure the insurance coverage and limit requirements required under subsection A of this section, such as evidence that the Contractor is a "private self-insurer" under the Workers Compensation Act.
- F. Effect of Insurance and Self-Insurance on Contractor's Liability. The legal liability of the Contractor to the Village and any person for any of the matters that are the subject of the insurance policies or self-insurance required by this section shall not be limited by such insurance policies or self-insurance or by the recovery of any amounts thereunder.
- G. Insurance Companies. All insurance provided pursuant to this section shall be effected under valid and enforceable policies, issued by insurers legally able to conduct business with the licensee in the State of Illinois. All insurance carriers and surplus line carriers shall be rated "A-" or better and of a class size "X" or higher by A.M. Best Company.
- H. Verification of Coverage. **Contractor shall furnish the Village with certificates of insurance naming the Village, its officials, agents, employees, and volunteers as additional insured's and with original endorsements, affecting coverage required herein.** The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the Village before any work commences. The Village reserves the right to request full certified copies of the insurance policies and endorsements.
- I. Subcontractors. Contractor shall include all subcontractors as insured's under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage's for subcontractors shall be subject to all of the requirements stated herein.
- J. Assumption of Liability. The contractor assumes liability for all injury to or death of any person or persons including employees of the contractor, any subcontractor, any supplier or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to the Contract.
- K. Workers' Compensation and Employers' Liability Coverage. The insurer shall agree to waive all rights of subrogation against the Village of Buffalo Grove, its officials, employees, agents and volunteers for losses arising from work performed by Contractor for the municipality.
- L. Failure to Comply. In the event the Contractor fails to obtain or maintain any insurance coverage's required under this contract, The Village may purchase such insurance coverage's and charge the expense thereof to the Contractor.

Nothing contained herein is intended to constitute, nor shall it constitute a waiver of the rights, defenses and/or other immunities provided or available to the Village under law including, but not limited to, the Local Governmental and Governmental Employees Tort Immunity Act.

25. Accidents

In the event of any accident of any kind that involves the general public or property of the Village or a third party, the Contractor shall immediately notify the Village by phone as well as provide Notice of the same. The Notice shall include a full accounting of all details of the accident. The Contractor shall furnish the Village with copies of all reports of such accidents at the same time that the reports are forwarded to any other interested parties.

26. No Assignment

If the Contractor sublets or assigns any part of the Work then the Contractor shall not under any circumstances be relieved of its liabilities hereunder. All transactions of the Village shall be with the Contractor. Subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence. The Contractor shall not assign, transfer,

convey, sell or otherwise dispose of the whole or any part of this Contract to any person, firm or corporation without written consent of the Village or authorized representative.

27. Default

The following shall constitute a default an “**Event of Default**” by the Contractor under this Contract:

- A. If the Contractor shall fail to strictly observe or perform one or more of the terms, conditions, covenants and agreements of this Contract;
- B. If there shall be placed on any property owned by the Village any mechanics’, materialmens’ or suppliers’ lien;
- C. If there shall be instituted any proceeding against the Contractor seeking liquidation, dissolution or similar relief and the same shall not be dismissed within forty-five (45) calendar days;
- D. If there shall be appointed any trustee, receiver or liquidator of the Contractor and such appointment shall not have been vacated within forty-five (45) calendar days; and
- E. If the Contractor fails to maintain or obtain any and all permits, licenses and the like, if any, required by the Village, State or Federal governments for the Work.

Upon any Event of Default the Village shall have the option of (i) terminating the Contract; (ii) pursuing any remedy available to it at law or in equity; or (iii) pursuing both simultaneously. In addition, upon an Event of Default, the Village may withhold payments due to the Contractor until it has hired a replacement of the Contractor and deducted all costs of hiring a replacement.

28. Delays

The Contractor shall not be liable in damages for delays in performance when such delay is the result of fire, flood, strike, acts of God, or by any other circumstances which are beyond the control of the Contractor; provided, however, under such circumstances the Village may, at its option, cancel the Contract.

29. Compliance With Laws

The Contractor shall comply with all applicable laws, regulations and rules promulgated by any federal, state, local, or other governmental authority or regulatory body pertaining to all aspects of the Work, now in effect, or which may become in effect during the performance of the Work. The scope of the laws, regulations, and rules referred to in this paragraph includes, but is in no way limited to, the Illinois Human Rights Act, Illinois Equal Pay Act of 2003, Occupational Safety & Health Act along with the standards and regulations promulgated pursuant thereto (including but not limited to those safety requirements involving work on elevated platforms), all forms of traffic regulations, public utility, Interstate and Intrastate Commerce Commission regulations, Workers’ Compensation Laws, Public Construction Bond Act, Public Works Preference Act, Employment of Illinois Workers on Public Works Act, USA Security Act, federal Social Security Act (and any of its titles), and any other law, rule or regulation of the Illinois Department of Labor, Department of Transportation, Illinois Environmental Protection Act, Illinois Department of Natural Resources, Illinois Department of Human Rights, Human Rights Commission, EEOC, and the Village of Buffalo Grove. Notwithstanding the following, the Contractor shall particularly note that:

A. NO DISCRIMINATION – The Contractor shall comply with the provisions of the Illinois Public Works Employment Discrimination Act and the Illinois Human Rights Act/Equal Opportunity Clause which, pursuant to Illinois law, are deemed to be part of this Contract.

B. FREEDOM OF INFORMATION - The Contractor agrees to furnish all documentation related to the Contract, the Work and any documentation related to the Village required under an Illinois Freedom of Information Act (ILCS 140/1 et. seq.) (“**FOIA**”) request within five (5) calendar days after the Village issues Notice of such request to the Contractor. The Contractor agrees to defend, indemnify and hold harmless the Village, and agrees to pay all reasonable costs connected therewith (including, but not limited to attorney’s and witness fees, filing fees and any other expenses) for the Village to defend any and all causes, actions, causes of action, disputes, prosecutions, or conflicts arising from Contractor’s actual or alleged violation of FOIA or the Contractor’s failure to furnish all documentation related to a FOIA request within five (5) calendar days after Notice from the Village for the same. Furthermore, should the Contractor request that the Village

utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Contractor agrees to pay all costs connected therewith (such as attorneys' and witness fees, filing fees and any other expenses) to defend the denial of the request. This defense shall include, but not be limited to, any challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction.

C. ILLINOIS WORKERS ON PUBLIC WORKS ACT - To the extent applicable, the Contractor shall comply with the Illinois Workers on Public Works Act, 30 ILCS 570/1 et seq., and shall provide to the Village any supporting documentation necessary to show such compliance.

D. NOT A BLOCKED PERSON - The Contractor affirms and covenants that neither the Contractor nor any individual employed by the Contractor for this Work or under this Contract is a person forbidden from doing business with a unit of local government under Executive Order No. 13224 (Sept 23, 2001), 66 Fed.Reg. 49,079 (Sept 23, 2001) or is a person registered on the Specially Designated Nationals and Blocked Persons List. The Contractor shall indemnify the Village from all costs associated with failure to comply with this paragraph.

E. SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS ACT - The Contractor knows, understands and acknowledges its obligations under the Substance Abuse Prevention on Public Works Act (820 ILCS 265/1 et seq.), and shall comply and require all subcontractors and lower tiered contractors to comply with the requirements and provisions thereof.

30. No Waiver of Rights

A waiver by the Village of any Event of Default or any term of provision of this Contract shall not be a waiver of the same Event of Default, another Event of Default or any other term or provision of this Contract.

31. Termination of the Contract

Voluntary Termination. Notwithstanding any other provision hereof, the Village may terminate this Contract during the Initial Term with or without cause, at any time upon thirty (30) calendar days prior written notice to the Contractor.

Termination for Breach. Either party may terminate this Contract upon written notice to the other party following material breach of a material provision of this Contract by the other party if the breaching party does not cure such breach within fifteen (15) calendar days of receipt of written notice of such breach from the non-breaching party.

32. Controlling Law and Venue

This Contract is entered into in the State of Illinois, for work to be performed in the State of Illinois and shall be governed by and construed in accordance with the laws of the State of Illinois. Any legal matters or dispute shall be resolved in the Circuit Court of Cook County and the Parties hereby submit to the jurisdiction of such Circuit Court. This Contract shall be construed without regard to any presumption or other rule requiring construction against the Party causing the Contract to be drafted.

33. Miscellaneous

- A. AMENDMENT** – This Contract may be amended only in writing executed by both Parties.
- B. NO RECORDING** – This Contract, or a memorandum thereof, may not be recorded in any form by either Party. If either Party records this Contract, or a memorandum thereof, they shall immediately file a release of the same.
- C. SECTION HEADINGS** – The headings in the Contract are intended for convenience only and shall not be taken into consideration in any construction or interpretation of the Contract.
- D. NO THIRD PARTY BENEFICIARIES** – This Contract does not confer any rights or benefits on any third party.
- E. BINDING EFFECT** – This Contract shall be binding and inure to the benefit of the Parties hereto, their respective legal representatives, heirs and successors-in-interest.
- F. ENTIRE AGREEMENT** – This Contract supersedes all prior agreements and understandings and constitutes the entire understanding between the Parties relating to the subject matter hereof.

- G. SEVERABILITY** - If any term, condition or provision of the Contract is adjudicated invalid or unenforceable, the remainder of the Contract shall not be affected and shall remain in full force and effect, to the fullest extent permitted by law.
- H. TORT IMMUNITY DEFENSES** - Nothing contained in this Contract is intended to constitute nor shall constitute a waiver of the rights, defenses, and immunities provided or available to the Village under the Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10 *et seq.*

34. Application For Payment

At least once each month, the Engineer will make a written estimate of the quantity of work performed in accordance with the Contract, and the value thereof at the contract unit prices according to Article 109.02 of the Standard Specifications. For each pay period, the quantity cut off will be the first Saturday of each month. During the second week, the Engineer and Contractor will agree to the quantities completed to-date. The Contractor shall submit an agreed upon invoice electronically to the Engineer by the end of the working day of the third Monday of the month. The Village will begin their payment process and will result in the review of the payment at the next regularly scheduled Village Board meeting. Prior to the release of payment, the Contractor shall submit electronically, all certified payroll reports, applicable waivers, and a notarized and signed clarifying statement for Village Attorney review and subsequent approval. Prior to the release of the check, hard-copies of all applicable waivers and the clarifying statement shall be received by the Village.

All payments under this Contract must be approved by the Village Board at a regularly scheduled meeting. The Village reserves the right to request any receipts, invoices, proof of payments as the Village, in its sole discretion, may deem necessary to justify the payment requested prior to paying the requested payment. A Final Lien Waiver from the Contractor, its subcontractors, and all material suppliers shall be furnished with the final application for payment.

The Contractor acknowledges that the Village is a unit of local government and that all payments under the Contract are subject to the Local Government Prompt Payment Act, 50 ILCS 505 *et seq.* To that extent, the Village shall have forty-five calendar (45) days from receipt of a bill or invoice to pay the same before it is considered late under the Contract. Interest, if any, charged for any late payments will be subject to the interest rate caps specified in the Prompt Payment Act.

35. Retainage and Waivers

The Village of Buffalo Grove has the option to retain from the amount due to the Contractor a maximum of ten percent (10%) from each pay request. The Contractor may request the retainage be reduced and provide reasoning for such reduction in writing to the Village. The Village has the option to accept or deny the request and shall be considered final. The retainage may be held until the Village determines the project to be final and accepted, at which time any warranty or maintenance period shall commence.

The Contractor shall submit, for each pay request submittal, original partial or final waivers from all subcontractors and material suppliers for the work payment is requested from the Village; trailing waivers will not be permitted. The Village will not remit payment to the Contractor until all original hard-copies of waivers for the work the Contractor is requesting payment for are received and reviewed. To help expedite the process, the Village is willing to review draft waivers after the invoice has been submitted for the pay request. When the draft waivers are reviewed and found acceptable, and the check is cut according to the Village's Warrant schedule, then the check and final waivers can be exchanged accordingly.

36. Certified Payroll Reports

Pursuant to PA 100-1177 the Illinois Department of Labor (IDOL) has activated an electronic database (Payroll Portal) capable of accepting and retaining certified payrolls submitted under the State of Illinois Prevailing Wage Act (820 ILCS/130/1). All contractors and subcontractors completing work for the Village of Buffalo Grove pursuant to the Act must submit all certified payroll through the IDOL Payroll Portal.

The Village is an Illinois unit of local government and the Work hereunder is subject to the Illinois Prevailing Wage Act, 820 ILCS 130/0.01, *et seq.* Consequently, the Contractor and each subcontractor shall submit with their application for payment(s) the email certification received from their IDOL Payroll Portal submittal with each of their pay requests. Any delay in processing the payments due to a lack of aforementioned email certification shall not be an event of default by the Village and shall not excuse any delay by the Contractor who shall proceed with the Work as if no delay in payment has occurred. The Contractor and Village shall agree to take any further steps not outlined above to ensure compliance with the Prevailing Wage Act. Upon two business days' Notice, the Contractor and each subcontractor shall make available to the Village their records to confirm compliance with the Prevailing Wage Act. Finally, to ensure compliance with Prevailing Wage Act, the Contractor and each subcontractor shall keep for a period of not less than 5 years after the Work has been completed records of all laborers,

mechanics, and other workers employed by them for the Work; the records shall include each worker's name, address, telephone number, classification or classifications, the hourly wages paid in each period, the number of hours worked each day, the starting and ending times of work each day and, when available, last four digits of the social security number. The Contractor shall provide a list of every name, address, phone number and email of every sub-contractor for the Work.

If the contractor must submit the payroll to the Village of Buffalo Grove for reasons outside of their control, the Village requests that the Contractor submit all certified payroll reports, including subcontractors, and EEO reporting be sent electronically in separate files for each respective Contractor/subcontractor with the weeks ending date in the file name to kjohnson@vbg.org (i.e. Contractor Name Week Ending.pdf) as shown in the sample letter in Exhibit D.

The Contractor is responsible for providing all records in accordance with the Illinois Department of Labor's (IDOL) requirements pertaining to the Prevailing Wage Act on the standard IDOL form. Only the last four (4) digits of the employee's social security number will be required; the remaining digits shall be "X" or redacted. To complete the certified payroll request for release of payment, the Contractor must supply a signed and notarized written statement that all necessary documentation has been turned over for the pay period pertaining to that payment requested.

Under P.A. 98-0328, the public body must retain copies of the certified payroll for 5 years rather than 3 years as was the case previously. The Illinois Department of Labor (IDOL) has created model certified payroll forms which can be found at the IDOL website www.illinois.gov/idol. The new form consists of three pages identified as the "certified transcript of payroll affidavit" and "certified transcript of payroll instructions". The new forms on the IDOL website can be filled in online and then printed out. Under P.A. 98-0482, contractors and subcontractors will have to provide additional information with respect to working hours, wage rates, overtime rates and fringe benefits. The IDOL's model certified payroll forms are the most current forms for compliance with P.A. 98-0482 and should be used in public works contracts.

37. Monetary Penalties

All work shall be completed in accordance with the Contract Documents in a reasonable and timely manner. For each occurrence that work is not completed in a reasonable and timely manner, a monetary penalty will be deducted from the final pay application. The Contractor shall make themselves and all subcontractors aware of the following deficiency and deductions:

Description	Penalty	Per Occurrence
Failure to Sweep Roadway	\$2,000	Calendar Day
Failure to Maintain Trench	\$250	Calendar Day
Failure to Adhere to Period of Establishment Requirements	\$250	Calendar Day
Distributing Unapproved Resident Notices	\$100	Household
Failure to Distribute Notices in a Timely Manner	\$100	Household
Failure to Distribute Notice to Resident	\$100	Household
Failure to Provide Access in a Timely Manner	\$250	Household Per Day
Failure to Provide Weekly Update to Engineer	\$1,000	Per Occurrence
Failure to Attend a Scheduled Weekly Meeting	\$1,000	Per Occurrence
Failure to Respond in a Timely Manner to a Resident	\$250	Calendar Day
Failure to Ramp Roadway or Driveway	\$250	Household/Roadway Per Day
Use of Fire Hydrant or Valve	\$1,000	Each
Failure to Provide Maintenance of Roadway in a Timely Manner as Determined by the Engineer	\$1,000	Calendar Day
Entering Private Property	\$500	Per Occurrence
Failure to Provide Portable Facilities	\$100	Calendar Day
Illicit Discharge of Silt or Construction Debris	\$1,000	Per Occurrence
Failure to Submit Shop Drawings on Time	\$500	Per Occurrence
Failure to Maintain Erosion and/or Sediment Control Devices	\$1,000	Per Occurrence
Working Outside Allowable Work Hours	\$1,000	Per Occurrence

At the discretion of the Engineer and without notice, the Contractor shall have deducted the monetary penalty amount as listed above for each occurrence on the final pay application.

38. Public Notification

The Contractor shall be required to provide and distribute letters to residents or business owners anytime access will be affected to a home or utility service is interrupted. This general condition shall only apply when access will be directly affected for greater than four (4) hours, or as directed by the Engineer. Public notification shall not be required for every residence within the project limits.

Letters shall be typed on standard 8.5" x 11" paper and an envelope may or may not be used. All letters, including those written and distributed by a subcontractor, shall be printed on the General Contractor's letterhead and shall include the name, address, and telephone number of the General Contractor's person in charge.

Letters shall be taped to a non-painted surface using painters tape or approved equal, and will be placed in as many locations as needed to ensure they will be visible to residents. Distributing letters via mailbox is discouraged, however, must be compliant with all United States Postal Service federal regulations. Notification letters shall include but is not limited to the following:

- Exact day and time work is to begin that will affect access (weather permitting).
- How the resident will know they may resume normal access to their property.
- The anticipated length of the closure (no more than one week will be permitted).
- Specific location where parking is permitted, both overnight and during the working day (as signed and normally permitted during daytime).
- The Village of Buffalo Grove Police Department has been notified that overnight parking will be permitted. (It shall be the responsibility of the Contractor to confirm this with the Village.)
- The Contractor will go door-to-door the moment prior to work is to begin to ensure all accommodations are made.
- General Contractor's person in charge name and contact information for additional information or specific requests.
- If applicable, provide Resident flushing procedures (following reconnection of the water service, resident to flush inside of the house via the bath or utility sink for ten minutes prior to consumption).

Notification letters shall be distributed a minimum of 24 hours prior to access being affected or otherwise. If this requirements is not met, work shall not commence. **All letters must be approved by the Village or Engineer prior to and for each individual distribution.** Additional letters may be required when weather or other unforeseen circumstances change the schedule. When requested, the Contractor is required to return or provide correspondence from a resident within 24 hours.

Under special circumstances, the Village, may choose to write a notification letter and the Contractor shall still be responsible for delivering the letter as specified herein. An example of a resident notification letter can be found in Appendix A.

The Contractor must comply with all of the above-mentioned statements otherwise a monetary penalty of \$100 per household, per calendar day shall be imposed.

39. Maintenance Bond

The Contractor will be required to post a Maintenance Bond for a period of One Year (1-yr) from date of final acceptance by the Village. Final acceptance will be the date the Final Payment is made to the Contractor. The bond shall be in a form acceptable to the Village in the amount of 10% (ten percent) of the awarded contract value. Unless under emergency situations, the Village will offer the Contractor the ability to fix or repair any item prior to the bond being called. If the Contractor elects to perform the repairs themselves, all work must be complete within 14 calendar days of notice from the Village or the Village reserves the right to perform the repairs themselves.

The Maintenance Bond shall cover all necessary repairs or replacements as deemed necessary by the Village due to poor workmanship, failed materials, settlement of trenches, excessively spalled, chert popped or cracked concrete, storm and water main failures, restoration establishment, and other items as completed by the Contractor.

All required pavement repairs shall be from curb line to the nearest cold joint. Pavement repairs shall have all joints routed and filled with crack seal material including along the edge of pavement 1 month after installation.

If the Contractor elects to not perform the repairs or does not perform them in the time allotted the Village will perform the work and collect from the bond any damages incurred by the Village to perform the repairs.

Special Provisions

1. Class D Patches

This work shall include all labor, material, and equipment necessary to complete the removal and replacement of hot-mix asphalt pavement, of the type and depth specified, where marked by the Engineer in accordance with Section 442 of the Standard Specifications and as specified herein.

The exact location and dimension of the patches will be determined by the Engineer in the field. The patches will be a minimum of four (4) feet in width, however, should the Contractor elect to remove more pavement than what is marked, the additional pavement patching outside the marked patch shall be replaced at no additional cost to the Village.

If petromat or any other pavement fabric is encountered during the asphalt pavement removal process, no additional compensation will be considered to dispose of this material off-site or any other additional labor that is required to complete the work specified herein.

These pavement patches shall be considered 'finish' or 'surface' patches and the final replacement material and depth shall be in accordance with the Hot-Mix Asphalt Mixture Requirements table as described herein and Section 1030 of the Standard Specifications.

Finish patches shall either be flush or a maximum of $\frac{1}{4}$ " above the existing adjacent pavement. If the final patch is greater than $\frac{1}{4}$ " above or below the existing adjacent pavement, the Contractor will be required to remove and replace the patch at no additional cost to the contract.

Hot Mix Asphalt Construction

1. Tack coat all longitudinal joints (hot and cold) and curb faces.
2. Pneumatic tired roller is required on all lifts, all mixes, except surface courses.
3. Auger extensions are required on all lifts, all mixes.
4. Reverse augers must be installed properly.
5. Roll (compact) the confined and curb line longitudinal joint by overlapping by 6" from the hot to cold side of mat and / or curbing.
6. Paving of the full roadway width shall be completed at the end of each day. Longitudinal joints shall be closed daily and within one truck load of HMA to prevent cold joints. Any violation shall require saw cutting edge back 3" to expose straight edge, shall be tack coated twice, and will be straight and uniform.
7. Asphalt along the curb line shall be compacted such that the asphalt is $\frac{1}{4}$ " above the flag of gutter.
8. Temporary ramps, regardless of material, shall be removed prior to placement of the next pavement course.

This work will be measured in place and paid for at the contract unit price per (SY) for CLASS D PATCHES, of the type and depth specified, (SPECIAL), which price shall include all labor, material, and equipment required to complete the work as specified herein.

IDOT District One - Special Provisions

1. Friction Aggregate (D-1)

Effective: January 1, 2011
Revised: December 1, 2021

Revise Article 1004.03(a) of the Standard Specifications to read:

"1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA). The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	<u>Allowed Alone or in Combination</u> ^{5/} : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA Low ESAL	Stabilized Subbase or Shoulders	<u>Allowed Alone or in Combination</u> ^{5/} : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{1/} Crushed Concrete
HMA High ESAL Low ESAL	Binder IL-19.0 or IL-19.0L SMA Binder	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete ^{3/}
HMA High ESAL Low ESAL	C Surface and Binder IL-9.5 IL-9.5FG or IL-9.5L	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/} Crushed Concrete ^{3/}
HMA High ESAL	D Surface and Binder IL-9.5 or IL-9.5FG	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone (other than Limestone) ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/}

Use	Mixture	Aggregates Allowed								
		<u>Other Combinations Allowed:</u> <table><tr><td><i>Up to...</i></td><td><i>With...</i></td></tr><tr><td>25% Limestone</td><td>Dolomite</td></tr><tr><td>50% Limestone</td><td>Any Mixture D aggregate other than Dolomite</td></tr><tr><td>75% Limestone</td><td>Crushed Slag (ACBF) or Crushed Sandstone</td></tr></table>	<i>Up to...</i>	<i>With...</i>	25% Limestone	Dolomite	50% Limestone	Any Mixture D aggregate other than Dolomite	75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone
<i>Up to...</i>	<i>With...</i>									
25% Limestone	Dolomite									
50% Limestone	Any Mixture D aggregate other than Dolomite									
75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone									
HMA High ESAL	E Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crushed Gravel Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone. <u>Other Combinations Allowed:</u> <table><tr><td><i>Up to...</i></td><td><i>With...</i></td></tr><tr><td>50% Dolomite^{2/}</td><td>Any Mixture E aggregate</td></tr><tr><td>75% Dolomite^{2/}</td><td>Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone</td></tr><tr><td>75% Crushed Gravel^{2/}</td><td>Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag</td></tr></table>	<i>Up to...</i>	<i>With...</i>	50% Dolomite ^{2/}	Any Mixture E aggregate	75% Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone	75% Crushed Gravel ^{2/}	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag
<i>Up to...</i>	<i>With...</i>									
50% Dolomite ^{2/}	Any Mixture E aggregate									
75% Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone									
75% Crushed Gravel ^{2/}	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag									
HMA High ESAL	F Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone. <u>Other Combinations Allowed:</u> <table><tr><td><i>Up to...</i></td><td><i>With...</i></td></tr><tr><td>50% Crushed Gravel^{2/} or Dolomite^{2/}</td><td>Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone</td></tr></table>	<i>Up to...</i>	<i>With...</i>	50% Crushed Gravel ^{2/} or Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone				
<i>Up to...</i>	<i>With...</i>									
50% Crushed Gravel ^{2/} or Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone									

- 1/ Crushed steel slag allowed in shoulder surface only.
- 2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80.
- 3/ Crushed concrete will not be permitted in SMA mixes.
- 4/ Crushed steel slag shall not be used as binder.
- 5/ When combinations of aggregates are used, the blend percent measurements shall be by volume."
- 6/ Combining different types of aggregate will not be permitted in SMA Ndesign 80."

2. Ground Tire Rubber (GTR) Modified Asphalt Binder (D-1)

Effective: June 26, 2006
Revised: December 1, 2021

Add the following to the end of article 1032.05 of the Standard Specifications:

“(c) Ground Tire Rubber (GTR) Modified Asphalt Binder. A quantity of 10.0 to 14.0 percent GTR (Note 1) shall be blended by dry unit weight with a PG 64-28 to make a GTR 70-28 or a PG 58-28 to make a GTR 64-28. The base PG 64-28 and PG 58-28 asphalt binders shall meet the requirements of Article 1032.05(a). Compatible polymers may be added during production. The GTR modified asphalt binder shall meet the requirements of the following table.

Test	Asphalt Grade GTR 70-28	Asphalt Grade GTR 64-28
Flash Point (C.O.C.), AASHTO T 48, °F (°C), min.	450 (232)	450 (232)
Rotational Viscosity, AASHTO T 316 @ 275 °F (135 °C), Poises, Pa·s, max.	30 (3)	30 (3)
Softening Point, AASHTO T 53, °F (°C), min.	135 (57)	130 (54)
Elastic Recovery, ASTM D 6084, Procedure A (sieve waived) @ 77 °F, (25 °C), aged, ss, 100 mm elongation, 5 cm/min., cut immediately, %, min.	65	65

Note 1. GTR shall be produced from processing automobile and/or light truck tires by the ambient grinding method. GTR shall not exceed 1/16 in. (2 mm) in any dimension and shall contain no free metal particles or other materials. A mineral powder (such as talc) meeting the requirements of AASHTO M 17 may be added, up to a maximum of four percent by weight of GTR to reduce sticking and caking of the GTR particles. When tested in accordance with Illinois modified AASHTO T 27, a 50 g sample of the GTR shall conform to the following gradation requirements:

Sieve Size	Percent Passing
No. 16 (1.18 mm)	100
No. 30 (600 µm)	95 ± 5
No. 50 (300 µm)	> 20

Add the following to the end of Note 1. of article 1030.03 of the Standard Specifications:

“A dedicated storage tank for the Ground Tire Rubber (GTR) modified asphalt binder shall be provided. This tank must be capable of providing continuous mechanical mixing throughout by continuous agitation and recirculation of the asphalt binder to provide a uniform mixture. The tank shall be heated and capable of maintaining the temperature of the asphalt binder at 300 °F to 350 °F (149 °C to 177 °C). The asphalt binder metering systems of dryer drum plants shall be calibrated with the actual GTR modified asphalt binder material with an accuracy of ± 0.40 percent.”

3. Hot-Mix Asphalt (D-1)

Effective: January 1, 2022

Revised: August 1, 2022

Replace Article 1030.09(g)(1) of the Standard Specifications with the following:

“(1) The Contractor shall sample approximately 150 lb (70 kg) of mix as required for the Department’s random mixture verification tests according to Article 1030.09(h)(1).”

Replace the second sentence of Article 1030.09(h)(1) of the Standard Specifications with the following:

“The Engineer will randomly identify one sample for each 3,000 tons (2,720 metric tons) of mix, with a minimum of one sample per mix. If the remaining mix quantity is 600 tons (544 metric tons) or less, the quantity will be combined with the previous 3,000 tons (2,720 metric tons) in the Engineer’s random sample identification. If the required tonnage of a mixture for a single pay item is less than 250 tons (225 metric tons) in total, the Engineer will waive mixture verification tests.”

Add the following to the end of the third paragraph of Article 1030.09(h)(2) of the Standard Specifications:

“The HMA maximum theoretical specific gravity (G_{mm}) will be based on the Department mixture verification test. If there is more than one Department mixture verification G_{mm} test, the G_{mm} will be based on the average of the Department test results.”

4. **Hot-Mix Asphalt Binder and Surface Course (D-1)**

Effective: November 1, 2019

Revised: December 1, 2021

Revise Article 1004.03(c) to read:

“(c) Gradation. The coarse aggregate gradations shall be as listed in the following table.

Use	Size/Application	Gradation No.
Class A-1, A-2, & A-3	3/8 in. (10 mm) Seal	CA 16 or CA 20
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & A-3	Cover Coat	CA 14
HMA High ESAL	IL-19.0; Stabilized Subbase IL-19.0	CA 11 ^{1/}
	SMA 12.5 ^{2/}	CA 13 ^{4/} , CA 14, or CA 16
	SMA 9.5 ^{2/}	CA 13 ^{3/4/} or CA 16 ^{3/}
	IL-9.5	CA 16, CM 13 ^{4/}
	IL-9.5FG	CA 16
HMA Low ESAL	IL-19.0L	CA 11 ^{1/}
	IL-9.5L	CA 16

- 1/ CA 16 or CA 13 may be blended with the CA 11.
- 2/ The coarse aggregates used shall be capable of being combined with the fine aggregates and mineral filler to meet the approved mix design and the mix requirements noted herein.
- 3/ The specified coarse aggregate gradations may be blended.
- 4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve.”

Revise Article 1004.03(e) of the Supplemental Specifications to read:

“(e) Absorption. For SMA the coarse aggregate shall also have water absorption
≤ 2.0 percent.”

Revise the “High ESAL” portion of the table in Article 1030.01 to read:

“High ESAL	Binder Courses	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75, SMA 12.5, Stabilized Subbase IL-19.0
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	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5"
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Revise Note 2. and add Note 6 to Article 1030.02 of the Standard Specifications to read:

"Item	Article/Section
(g)Performance Graded Asphalt Binder (Note 6)	1032
(h)Fibers (Note 2)	

Note 2. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 6. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be a SBS PG 76-22 for IL-4.75, except where modified herein.."

Revise table in Article 1030.05(a) of the Standard Specifications to read:

"MIXTURE COMPOSITION (% PASSING)" ^{1/}												
Sieve Size	IL-19.0 mm		SMA 12.5		SMA 9.5		IL-9.5mm		IL-9.5FG		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max	min	max
1 1/2 in. (37.5 mm)												
1 in. (25 mm)		100										
3/4 in. (19 mm)	90	100		100								
1/2 in. (12.5 mm)	75	89	80	100		100		100		100		100
3/8 in. (9.5 mm)				65	90	100	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	60	75 ^{5/}	90	100
#8 (2.36 mm)	20	42	16	24 ^{4/}	16	32 ^{4/}	34 ^{5/}	52 ^{2/}	45	60 ^{6/}	70	90
#16 (1.18 mm)	15	30					10	32	25	40	50	65
#30 (600 μm)			12	16	12	18			15	30		
#50 (300 μm)	6	15					4	15	8	15	15	30
#100 (150 μm)	4	9					3	10	6	10	10	18
#200 (75 μm)	3.0	6.0	7.0	9.0 ^{3/}	7.5	9.5 ^{3/}	4.0	6.0	4.0	6.5	7.0	9.0 ^{3/}
#635 (20 μm)			≤ 3.0		≤ 3.0							

Ratio Dust/Asphalt Binder		1.0		1.5		1.5		1.0		1.0		1.0
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- 1/ Based on percent of total aggregate weight.
- 2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign = 90.
- 3/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.
- 4/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.
- 5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.
- 6/ When the mixture is used as a binder, the maximum shall be increased by 0.5 percent passing."

Revise Article 1030.05(b) of the Standard Specifications to read:

(b) Volumetric Requirements. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 and SMA mixtures it shall be 3.5 percent and for Stabilized Subbase it shall be 3.0 percent at the design number of gyrations. The voids in the mineral aggregate (VMA) and voids filled with asphalt binder (VFA) of the HMA design shall be based on the nominal maximum size of the aggregate in the mix and shall conform to the following requirements.

Mix Design	Voids in the Mineral Aggregate (VMA), % Minimum for Ndesign				
	30	50	70	80	90
IL-19.0		13.5	13.5		13.5
IL-9.5		15.0	15.0		
IL-9.5FG		15.0	15.0		
IL-4.75 ^{1/}		18.5			
SMA-12.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
SMA-9.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
IL-19.0L	13.5				
IL-9.5L	15.0				

- 1/ Maximum draindown shall be 0.3 percent according to Illinois Modified AASHTO T 305.
- 2/ The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30°F.
- 3/ Applies when specific gravity of coarse aggregate is ≥ 2.760.
- 4/ Applies when specific gravity of coarse aggregate is < 2.760.
- 5/ For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone"

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

"IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions greater than or equal to 2.0 percent, or which contain steal slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours."

Add after third sentence of Article 1030.09(b) to read:

“ If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the QC/QA document "Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure.”

Revise Table 1 and Note 4/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

	Breakdown/Intermediate Roller (one of the following)	Final Roller (one or more of the following)	Density Requirement
IL-9.5, IL-9.5FG, IL-19.0 ^{1/}	V _D , P, T _B , 3W, O _T , O _B	V _S , T _B , T _F , O _T	As specified in Section 1030
IL-4.75 and SMA ^{3/ 4/}	T _B , 3W, O _T	T _F , 3W	As specified in Section 1030
Mixtures on Bridge Decks ^{2/}	T _B	T _F	As specified in Articles 582.05 and 582.06.

“4/ The Contractor shall provide a minimum of two steel-wheeled tandem rollers (T_B), and/or three-wheel (3W) rollers for breakdown, except one of the (T_B) or (3W) rollers shall be 84 inches (2.14 m) wide and a weight of 315 pound per linear inch (PLI) (5.63 kg/mm) and one of the (T_B) or (3W) rollers can be substituted for an oscillatory roller (O_T). T_F rollers shall be a minimum of 280 lb/in. (50 N/mm). The 3W and T_B rollers shall be operated at a uniform speed not to exceed 3 mph (5 km/h), with the drive roll for T_B rollers nearest the paver and maintain an effective rolling distance of not more than 150 ft (45 m) behind the paver.”

Add the following after the fourth paragraph of Article 406.13 (b):

“The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design’s G_{mb}.”

Revise first paragraph of Article 1030.10 of the Standard Specifications to read:

“A test strip of 300 ton (275 metric tons), except for SMA mixtures it will be 400 ton (363 metric ton), will be required for each mixture on each contract at the beginning of HMA production for each construction year according to the Manual of Test Procedures for Materials “Hot Mix Asphalt Test Strip Procedures”. At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results.”

Revise third paragraph of Article 1030.10 of the Standard Specifications to read:

“When a test strip is constructed, the Contractor shall collect and split the mixture according to the document “Hot-Mix Asphalt Test Strip Procedures”. The Engineer, or a representative, shall deliver split sample to the District Laboratory for verification testing. The Contractor shall complete mixture tests stated in Article 1030.09(a). Mixture sampled shall include enough material for the Department to conduct mixture tests detailed in Article 1030.09(a) and in the document “Hot-Mix Asphalt Mixture Design Verification Procedure” Section 3.3. The mixture test results shall meet the requirements of Articles 1030.05(b) and 1030.05(d), except Hamburg wheel tests will only be conducted on High ESAL mixtures during production.”

5. Hot-Mix Asphalt – Mixture Design Verification and Production (D-1)

Effective: January 1, 2019
Revised: December 1, 2021

Add to Article 1030.05 (d)(3) of the Standard Specifications to read:

“ During mixture design, prepared samples shall be submitted to the District laboratory by the Contractor for verification testing. The required testing, and number and size of prepared samples submitted, shall be according to the following tables.

High ESAL – Required Samples for Verification Testing

Mixture	Hamburg Wheel and I-FIT Testing ^{1/2/}
Binder	total of 3 - 160 mm tall bricks
Surface	total of 4 - 160 mm tall bricks

Low ESAL – Required Samples for Verification Testing	
Mixture	I-FIT Testing ^{1/2/}
Binder	1 - 160 mm tall brick
Surface	2 - 160 mm tall bricks

- 1/ The compacted gyratory bricks for Hamburg wheel and I-FIT testing shall be 7.5 ± 0.5 percent air voids.
- 2/ If the Contractor does not possess the equipment to prepare the 160 mm tall brick(s), twice as many 115 mm tall compacted gyratory bricks will be acceptable.

Revise the fourth paragraph of Article 1030.10 of the Standard Specifications to read:

"When a test strip is not required, each HMA mixture shall still be sampled on the first day of production: I-FIT and Hamburg wheel testing for High ESAL; I-FIT testing for Low ESAL. Within two working days after sampling the mixture, the Contractor shall deliver gyratory cylinders to the District laboratory for Department verification testing. The High ESAL mixture test results shall meet the requirements of Articles 1030.05(d)(3) and 1030.05(d)(4). The Low ESAL mixture test results shall meet the requirements of Article 1030.05(d)(4). The required number and size of prepared samples submitted for the Hamburg wheel and I-FIT testing shall be according to the "High ESAL - Required Samples for Verification Testing" table in Article 1030.05(d)(3) above."

Add the following to the end of Article 1030.10 of the Standard Specifications to read:

"Mixture sampled during first day of production shall include approximately 60 lb (27 kg) of additional material for the Department to conduct Hamburg wheel testing and approximately 80 lb (36 kg) of additional material for the Department to conduct I-FIT testing. Within two working days after sampling, the Contractor shall deliver prepared samples to the District laboratory for verification testing. The required number and size of prepared samples submitted for the Hamburg wheel and I-FIT testing shall be according to the "High ESAL - Required Samples for Verification Testing" table in Article 1030.05(d)(3) above."

BDE SPECIAL PROVISIONS
For the January 19 and March 8, 2024 Lettings

The following special provisions indicated by a "check mark" are applicable to this contract and will be included by the Project Coordination and Implementation Section of the Bureau of Design & Environment (BDE).

File Name	#		Special Provision Title	Effective	Revised
	80099	1	☐ Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
	80274	2	☐ Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
	80192	3	☐ Automated Flagger Assistance Devices	Jan. 1, 2008	April 1, 2023
	80173	4	☐ Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	☐ Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
*	80241	6	☐ Bridge Demolition Debris	July 1, 2009	
*	50531	7	☐ Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	50261	8	☐ Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80449	9	☐ Cement, Type IL	Aug. 1, 2023	
	80384	10	☒ Compensable Delay Costs	June 2, 2017	April 1, 2019
*	80198	11	☐ Completion Date (via calendar days)	April 1, 2008	
*	80199	12	☐ Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80453	13	☐ Concrete Sealer	Nov. 1, 2023	
	80261	14	☒ Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80434	15	☐ Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
*	80029	16	☐ Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Mar. 2, 2019
	80229	17	☐ Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80452	18	☐ Full Lane Sealant Waterproofing System	Nov. 1, 2023	
	80447	19	☐ Grading and Shaping Ditches	Jan. 1, 2023	
	80433	20	☐ Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80443	21	☐ High Tension Cable Median Barrier Removal	April 1, 2022	
	80456	22	☒ Hot-Mix Asphalt	Jan. 1, 2024	
	80446	23	☐ Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
	80438	24	☐ Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	Sept. 2, 2021
	80045	25	☐ Material Transfer Device	June 15, 1999	Jan. 1, 2022
	80450	26	☐ Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	
	80441	27	☐ Performance Graded Asphalt Binder	Jan. 1, 2023	
	80451	28	☐ Portland Cement Concrete	Aug. 1, 2023	
*	34261	29	☐ Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80455	30	☐ Removal and Disposal of Regulated Substances	Jan. 1, 2024	
	80445	31	☐ Seeding	Nov. 1, 2022	
	80448	32	☐ Source of Supply and Quality Requirements	Jan. 2, 2023	
	80340	33	☐ Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	34	☐ Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397	35	☐ Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	36	☒ Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80437	37	☐ Submission of Payroll Records	April 1, 2021	Nov. 2, 2023
	80435	38	☐ Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
	80410	39	☐ Traffic Spotters	Jan. 1, 2019	
*	20338	40	☐ Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429	41	☐ Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	42	☐ Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80302	43	☐ Weekly DBE Trucking Reports	June 2, 2012	Nov. 1, 2021
	80454	44	☐ Wood Sign Support	Nov. 1, 2023	
	80427	45	☒ Work Zone Traffic Control Devices	Mar. 2, 2020	
*	80071	46	☐ Working Days	Jan. 1, 2002	

Highlighted items indicate a new or revised special provision for the letting.

An * indicates the special provision requires additional information from the designer, which needs to be submitted separately. The Project Coordination and Implementation Section will then include the information in the applicable special provision.

The following special provisions are in the 2024 Supplemental Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80436	Blended Finely Divided Minerals	Articles 1010.01 & 1010.06	April 1, 2021	
80440	Waterproofing Membrane System	Article 1061.05	Nov. 1, 2021	

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017

Revised: April 1, 2019

Revise Article 107.40(b) of the Standard Specifications to read:

“(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.

- (1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.
- (2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.
- (3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days.”

Revise Article 107.40(c) of the Standard Specifications to read:

“(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.

- (1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.

Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).

- (2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the

Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

- (3) Reduced Rate of Production Delay. The Contractor will be compensated for the reduced productivity for labor and equipment time in excess of the 25 percent threshold for that portion of the delay in excess of seven calendar days. Determination of compensation will be in accordance with Article 104.02, except labor and material additives will not be permitted.

Payment for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be determined according to Article 109.13."

Revise Article 108.04(b) of the Standard Specifications to read:

"(b) No working day will be charged under the following conditions.

- (1) When adverse weather prevents work on the controlling item.
- (2) When job conditions due to recent weather prevent work on the controlling item.
- (3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.
- (4) When delays caused by utility or railroad adjustments prevent work on the controlling item.
- (5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.
- (6) When any condition over which the Contractor has no control prevents work on the controlling item."

Revise Article 109.09(f) of the Standard Specifications to read:

- "(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead

other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

The above Basis of Payment is an essential element of the contract and the claim cost recovery of the Contractor shall be so limited.”

Add the following to Section 109 of the Standard Specifications.

“109.13 Payment for Contract Delay. Compensation for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be allowed when such costs result from a delay meeting the criteria in the following table.

Contract Type	Cause of Delay	Length of Delay
Working Days	Article 108.04(b)(3) or Article 108.04(b)(4)	No working days have been charged for two consecutive weeks.
Completion Date	Article 108.08(b)(1) or Article 108.08(b)(7)	The Contractor has been granted a minimum two week extension of contract time, according to Article 108.08.

Payment for each of the various costs will be according to the following.

- (a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.
- (b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.
 - (1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to \$5,000,000	One Project Superintendent
Over \$ 5,000,000 - up to \$25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk
Over \$25,000,000 - up to \$50,000,000	One Project Manager, One Project Superintendent, One Engineer, and

	One Clerk
Over \$50,000,000	One Project Manager, Two Project Superintendents, One Engineer, and One Clerk

(2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.

(c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

When an extended traffic control adjustment is paid under this provision, an adjusted unit price as provided for in Article 701.20(a) for increase or decrease in the value of work by more than ten percent will not be paid.

Upon payment for a contract delay under this provision, the Contractor shall assign subrogation rights to the Department for the Department's efforts of recovery from any other party for monies paid by the Department as a result of any claim under this provision. The Contractor shall fully cooperate with the Department in its efforts to recover from another party any money paid to the Contractor for delay damages under this provision."

80384

CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)

Effective: June 1, 2010

Revised: November 1, 2014

The reduction of emissions of particulate matter (PM) for off-road equipment shall be accomplished by installing retrofit emission control devices. The term “equipment” refers to diesel fuel powered devices rated at 50 hp and above, to be used on the jobsite in excess of seven calendar days over the course of the construction period on the jobsite (including rental equipment).

Contractor and subcontractor diesel powered off-road equipment assigned to the contract shall be retrofitted using the phased in approach shown below. Equipment that is of a model year older than the year given for that equipment’s respective horsepower range shall be retrofitted:

Effective Dates	Horsepower Range	Model Year
June 1, 2010 ^{1/}	600-749	2002
	750 and up	2006
June 1, 2011 ^{2/}	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006
June 1, 2012 ^{2/}	50-99	2004
	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006

1/ Effective dates apply to Contractor diesel powered off-road equipment assigned to the contract.

2/ Effective dates apply to Contractor and subcontractor diesel powered off-road equipment assigned to the contract.

The retrofit emission control devices shall achieve a minimum PM emission reduction of 50 percent and shall be:

- a) Included on the U.S. Environmental Protection Agency (USEPA) *Verified Retrofit Technology List* (<http://www.epa.gov/cleandiesel/verification/verif-list.htm>), or verified by the California Air Resources Board (CARB) (<http://www.arb.ca.gov/diesel/verdev/vt/cvt.htm>); or
- b) Retrofitted with a non-verified diesel retrofit emission control device if verified retrofit emission control devices are not available for equipment proposed to be used on the project, and if the Contractor has obtained a performance certification from the retrofit

device manufacturer that the emission control device provides a minimum PM emission reduction of 50 percent.

Note: Large cranes (Crawler mounted cranes) which are responsible for critical lift operations are exempt from installing retrofit emission control devices if such devices adversely affect equipment operation.

Diesel powered off-road equipment with engine ratings of 50 hp and above, which are unable to be retrofitted with verified emission control devices or if performance certifications are not available which will achieve a minimum 50 percent PM reduction, may be granted a waiver by the Department if documentation is provided showing good faith efforts were made by the Contractor to retrofit the equipment.

Construction shall not proceed until the Contractor submits a certified list of the diesel powered off-road equipment that will be used, and as necessary, retrofitted with emission control devices. The list(s) shall include (1) the equipment number, type, make, Contractor/rental company name; and (2) the emission control devices make, model, USEPA or CARB verification number, or performance certification from the retrofit device manufacturer. Equipment reported as fitted with emissions control devices shall be made available to the Engineer for visual inspection of the device installation, prior to being used on the jobsite.

The Contractor shall submit an updated list of retrofitted off-road construction equipment as retrofitted equipment changes or comes on to the jobsite. The addition or deletion of any diesel powered equipment shall be included on the updated list.

If any diesel powered off-road equipment is found to be in non-compliance with any portion of this special provision, the Engineer will issue the Contractor a diesel retrofit deficiency deduction.

Any costs associated with retrofitting any diesel powered off-road equipment with emission control devices shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed. The Contractor's compliance with this notice and any associated regulations shall not be grounds for a claim.

Diesel Retrofit Deficiency Deduction

When the Engineer determines that a diesel retrofit deficiency exists, a daily monetary deduction will be imposed for each calendar day or fraction thereof the deficiency continues to exist. The calendar day(s) will begin when the time period for correction is exceeded and end with the Engineer's written acceptance of the correction. The daily monetary deduction will be \$1,000.00 for each deficiency identified.

The deficiency will be based on lack of diesel retrofit emissions control.

If a Contractor accumulates three diesel retrofit deficiency deductions for the same piece of equipment in a contract period, the Contractor will be shutdown until the deficiency is corrected.

Such a shutdown will not be grounds for any extension of the contract time, waiver of penalties, or be grounds for any claim.

80261

HOT-MIX ASPHALT (BDE)

Effective: January 1, 2024

Revise the second paragraph of Articles 1030.07(a)(11) and 1030.08(a)(9) of the Standard Specifications to read:

“When establishing the target density, the HMA maximum theoretical specific gravity (G_{mm}) will be based on the running average of four available Department test results for that project. If less than four G_{mm} test results are available, an average of all available Department test results for that project will be used. The initial G_{mm} will be the last available Department test result from a QMP project. If there is no available Department test result from a QMP project, the Department mix design verification test result will be used as the initial G_{mm} .”

In the Supplemental Specifications, replace the revision for the end of the third paragraph of Article 1030.09(h)(2) with the following:

“When establishing the target density, the HMA maximum theoretical specific gravity (G_{mm}) will be the Department mix design verification test result.”

Revise the tenth paragraph of Article 1030.10 of the Standard Specifications to read:

“Production is not required to stop after a test strip has been constructed.”

80456

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: November 2, 2017

Revised: April 1, 2019

Replace the second paragraph of Article 109.12 of the Standard Specifications with the following:

“This mobilization payment shall be made at least seven days prior to the subcontractor starting work. The amount paid shall be at the following percentage of the amount of the subcontract reported on form BC 260A submitted for the approval of the subcontractor’s work.

Value of Subcontract Reported on Form BC 260A	Mobilization Percentage
Less than \$10,000	25%
\$10,000 to less than \$20,000	20%
\$20,000 to less than \$40,000	18%
\$40,000 to less than \$60,000	16%
\$60,000 to less than \$80,000	14%
\$80,000 to less than \$100,000	12%
\$100,000 to less than \$250,000	10%
\$250,000 to less than \$500,000	9%
\$500,000 to \$750,000	8%
Over \$750,000	7%”

80391

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports 1106.02”

Revise the third paragraph of Article 701.14 of the Standard Specifications to read:

“For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer’s specifications.”

Revise the first paragraph of Article 701.15 of the Standard Specifications to read:

“**701.15 Traffic Control Devices.** For devices that must meet crashworthiness standards, the Contractor shall provide a manufacturer’s self-certification or a FHWA eligibility letter for each Category 1 device and a FHWA eligibility letter for each Category 2 and Category 3 device used on the contract. The self-certification or letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device.”

Revise the first six paragraphs of Article 1106.02 of the Standard Specifications to read:

“**1106.02 Devices.** Work zone traffic control devices and combinations of devices shall meet crashworthiness standards for their respective categories. The categories are as follows.

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 1 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 2 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact

attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

Category 4 includes portable or trailer-mounted devices such as arrow boards, changeable message signs, temporary traffic signals, and area lighting supports. It is preferable for Category 4 devices manufactured after December 31, 2019 to be MASH-16 compliant; however, there are currently no crash tested devices in this category, so it remains exempt from the NCHRP 350 or MASH compliance requirement.

For each type of device, when no more than one MASH-16 compliant is available, an NCHRP 350 or MASH-2009 compliant device may be used, even if manufactured after December 31, 2019.”

Revise Articles 1106.02(g), 1106.02(k), and 1106.02(l) to read:

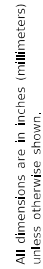
“(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(k) Temporary Water Filled Barrier. The water filled barrier shall be a lightweight plastic shell designed to accept water ballast and be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings.

(l) Movable Traffic Barrier. The movable traffic barrier shall be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis.”



DATE	REVISIONS	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
1-1-11	Revised flagger sign.	
1-1-09	Switched units to English (metric).	
		STANDARD 701301-04

SYMBOLS

Work area

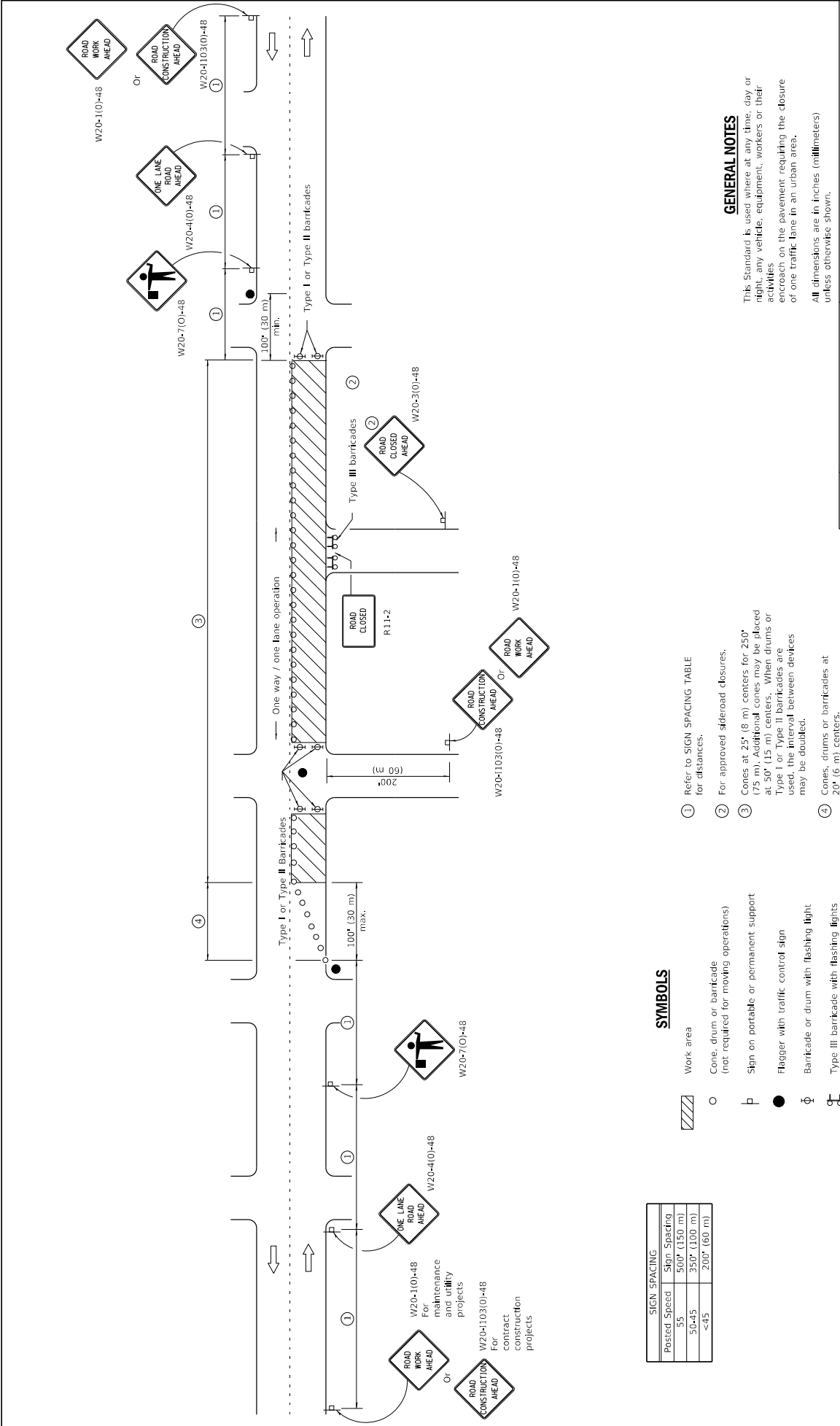
Sign on portable or permanent support

Flagger with traffic control sign

TYPICAL APPLICATIONS

Marking patches
Field survey
String line
Utility operations
Cleaning up debris on pavement

 Illinois Department of Transportation	PASSED _____ JANUARY 1, 2011 <i>James O'Boyle</i> ENGINEER OF SAFETY ENGINEERING	ISSUED 1-1-97
	APPROVED _____ JANUARY 1, 2011 <i>Jeffrey</i> ENGINEER OF DESIGN AND ENVIRONMENT	



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

① Refer to SIGN SPACING TABLE for distances.

② For approved sidroad closures.

③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.

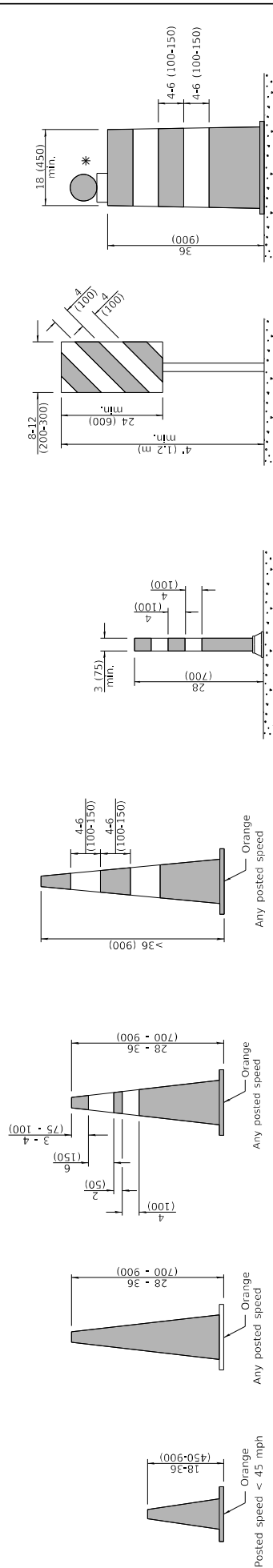
④ Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

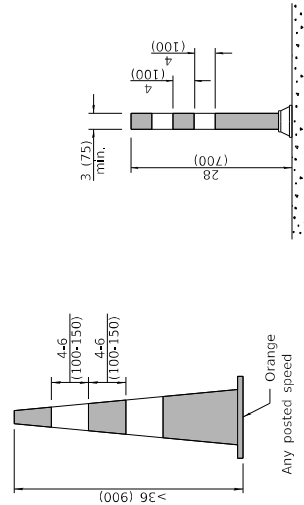
All dimensions are in inches (millimeters) unless otherwise shown.

 Illinois Department of Transportation PASSED January 1, 2011  ENGINEER OF SAFETY ENGINEERING APPROVED January 1, 2011  ENGINEER OF DESIGN AND ENVIRONMENT			
DATE	REVISIONS	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED STANDARD 701501-06	
1-1-11	Revised flagger sign.		
1-1-09	Switched units to English (metric).		
	Corrected sign No.'s.		

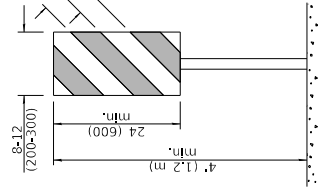


CONES

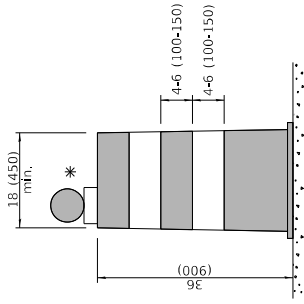
DAY OR NIGHTTIME USE



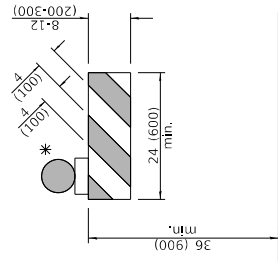
TUBULAR MARKER



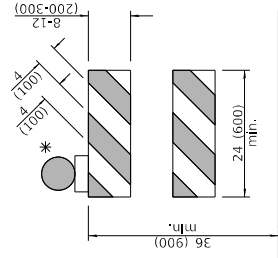
VERTICAL PANEL POST MOUNTED



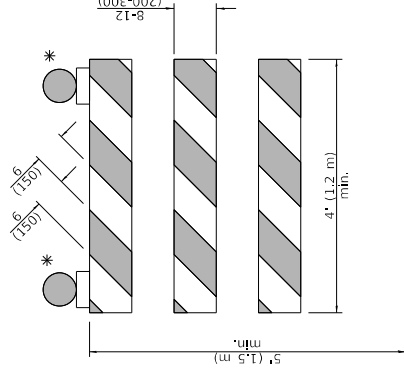
DRUM



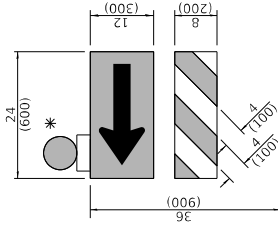
TYPE I BARRICADE



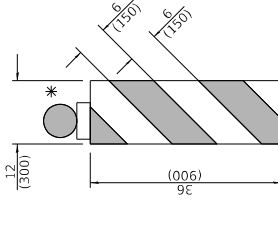
TYPE II BARRICADE



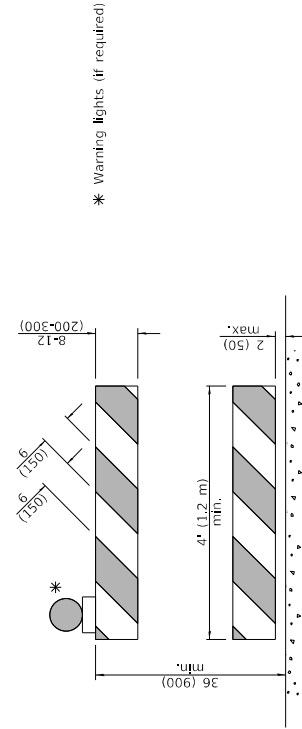
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

GENERAL NOTES

All heights shown shall be measured above the pavement surface.
All dimensions are in inches (millimeters) unless otherwise shown.

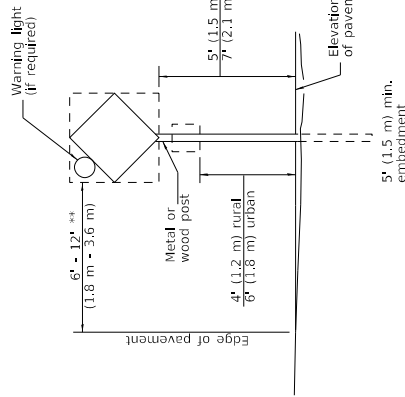
APPROVED	January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING	January 1, 2019
APPROVED	January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT	January 1, 2019

DATE	REVISIONS
1-1-19	Revised cone usage and added cones >36" (900 m) height.
1-1-18	Revised END WORK ZONE SPEED LIMIT sign from orange to white background.

TRAFFIC CONTROL DEVICES

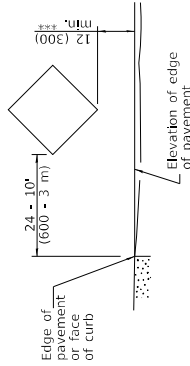
(Sheet 1 of 3)

STANDARD 701901-08



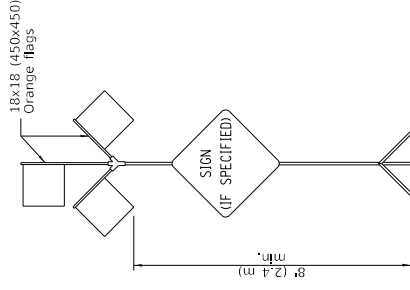
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.

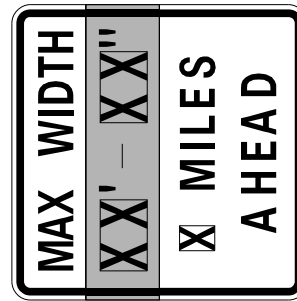


SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) to the back of the sign. Behind other devices, the height shall be sufficient to be seen completely above the devices.



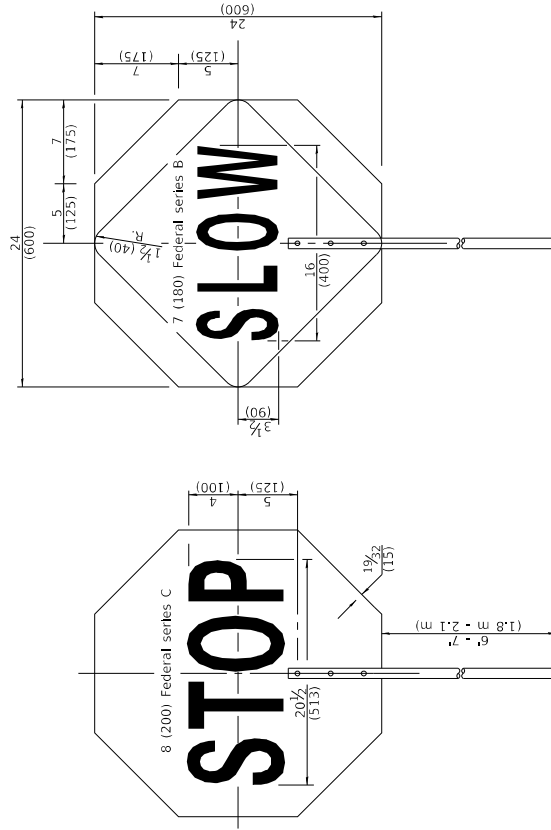
HIGH LEVEL WARNING DEVICE



W12-1103-4848

WIDTH RESTRICTION SIGN

XX-XX* width and X miles are variable.



FRONT SIDE

REVERSE SIDE

APPROVED	January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING	
APPROVED	January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT	

FLAGGER TRAFFIC CONTROL SIGN

REVERSE SIDE

FRONT SIDE

ROAD CONSTRUCTION NEXT X MILES	END CONSTRUCTION
G20-1104(0)-6036	G20-1105(0)-6024

This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING

WORK ZONE	W21-1115(0)-3618
SPEED LIMIT	R2-1-3648
XX	
PHOTO ENFORCED	R10-1108p-3618 ****
SXXX FINE MINIMUM	R2-1106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.

END	G20-1103-6036
WORK ZONE	
SPEED LIMIT	

This sign shall be used when the above sign assembly is used.

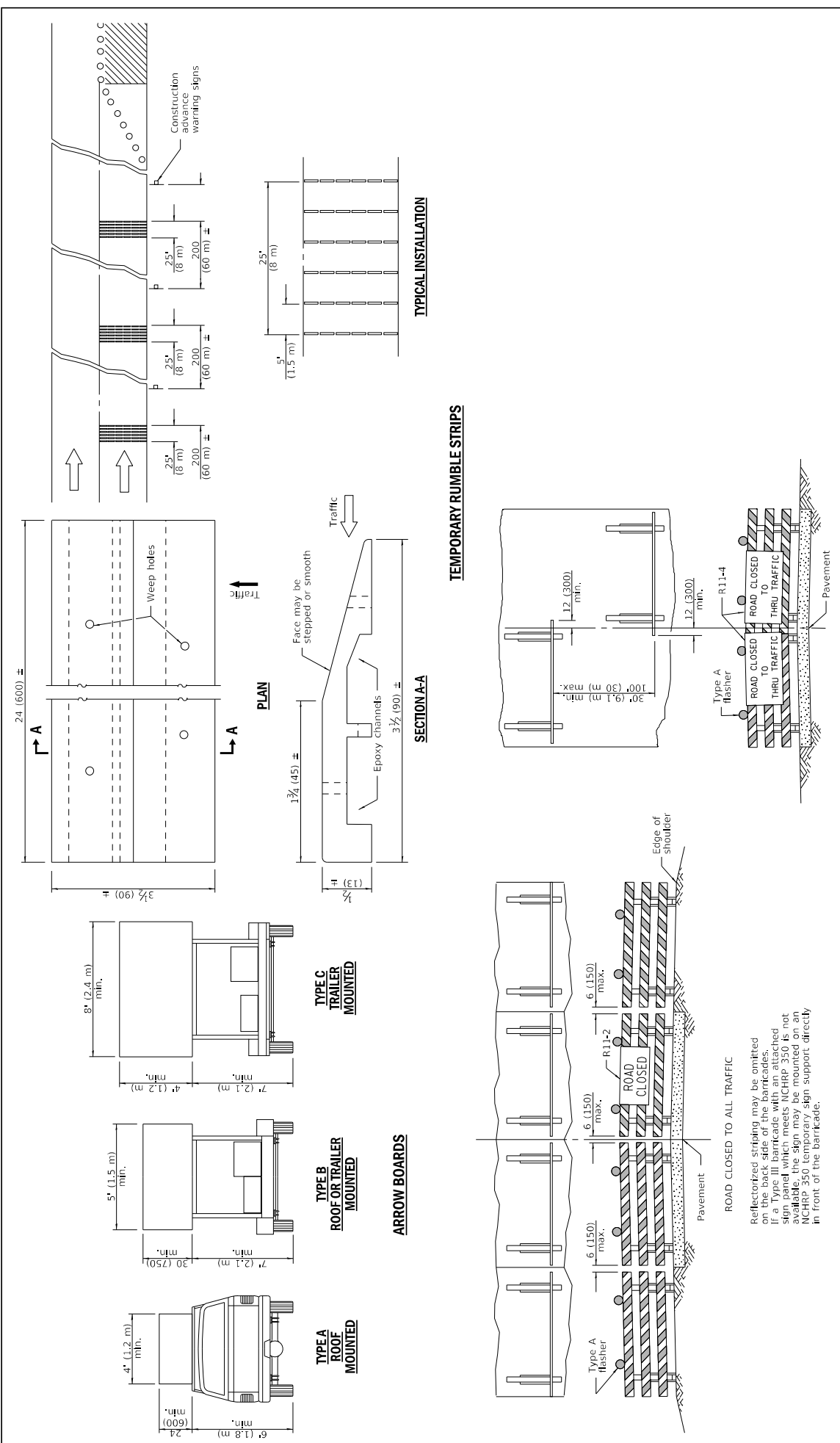
HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

**** R10-1108p shall only be used along roadways under the jurisdiction of the State.

TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

STANDARD 701901-08



TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

APPROVED January 1, 2019
Cynthia Carr
 ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
Sally Ely
 ENGINEER OF DESIGN AND ENVIRONMENT

TRAFFIC CONTROL DEVICES

STANDARD 701901-08

(Sheet 3 of 3)



1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER.
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BARRICADES, TYPE II OR TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER.
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY
- b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARDS. THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
 7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

[illegible]



**Ordinance without Purchase : Ordinance Approving an
Amendment to the Village's Solid Waste Contract with
Waste Management**

Summary

Staff recommends approval, subject to the final review and approval by the Village Attorney.

Recommended Motion

SUMMARY: In 2019, the Village approved an extension to the existing solid waste contract with WM. The current contract, which went into effect May 2019 and expires April 30, 2024, includes a provision that allows both parties to mutually agree to an extension. Attached is an amendment for a 3-Year extension with 2 one (1) year options to maintain the same service with WM.

ATTACHMENTS:

1. BOT Memo Solid Waste
2. Ordinance Solid Waste
3. WM Amendment 2.13.24

Trustee Liason

Trustee Cesario

Staff Contact

Christopher Stilling, Deputy Village
Manager



MEMORANDUM

DATE: March 14, 2024

TO: Dane Bragg, Village Manager

FROM: Christopher Stilling, Deputy Village Manager

SUBJECT: Amendment to Village's Refuse, Recycling and Landscape Waste Agreement

RECOMMENDATION

Staff recommends that the Village Board approve an Ordinance allowing the Village Manager to enter into a 3-year contract extension, with 2 one (1) year options with Waste Management (WM). The proposed rate structure provides the Village with pricing predictability over the next 3-years while still maintaining continuity of service for our residents. Furthermore, the Village is able to continue with a high level of service while still keeping our rates within or lower than the market average. Staff recommends that the contract be subject to the final review and approval by the Village Attorney.

BACKGROUND

In 2019, the Village approved an extension to the existing solid waste contract with WM. WM has been the Village's waste hauling contractor for over 30 years. The current contract, which went into effect May 2019 and expires April 30, 2024, includes a provision that allows both parties to mutually agree to an extension. Attached is an amendment for a 3-Year extension with 2 one (1) year options to maintain the same service with WM. Per the terms of the amendment, the Village will retain At Your Door (AYD) as well as offer food scraps to be included in the yard waste.

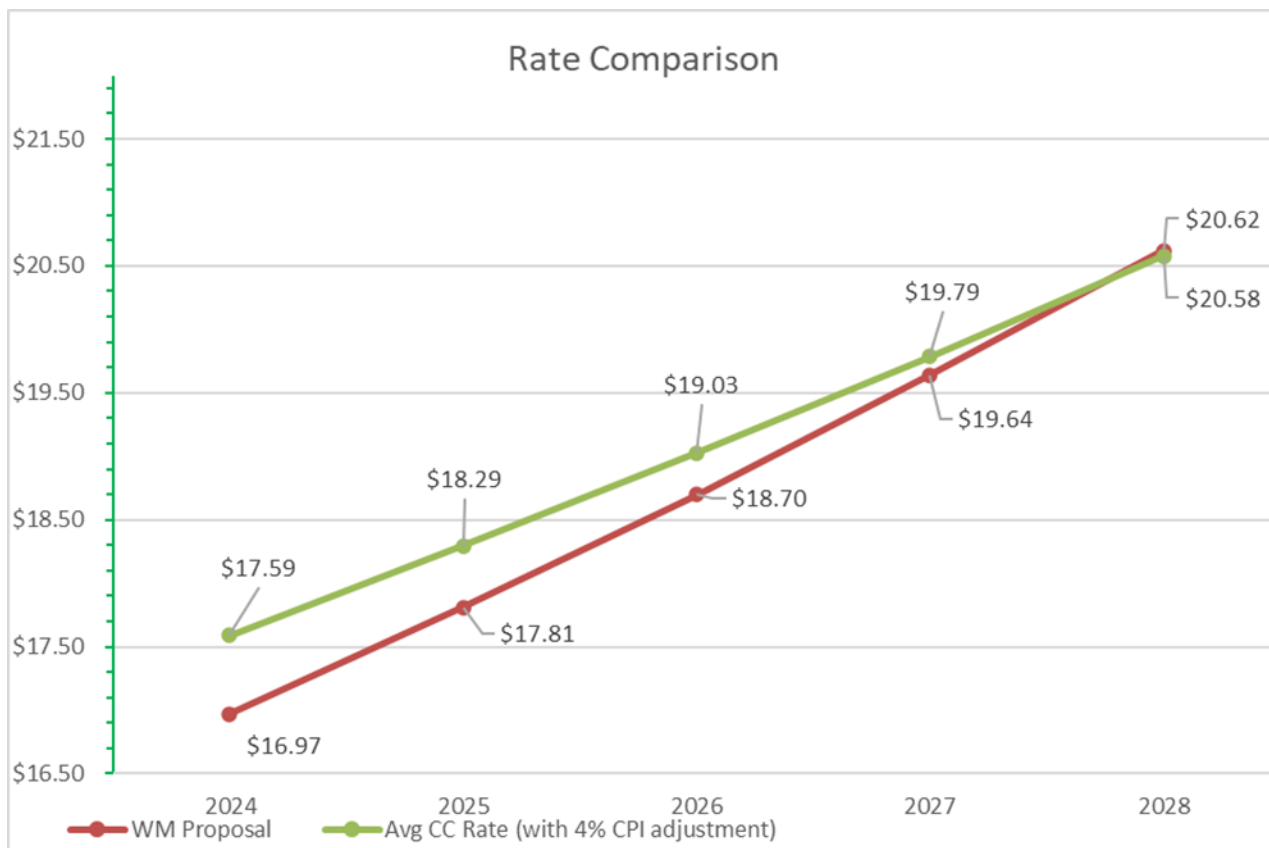
PROPOSED CONTRACT CHANGES

As noted, staff and WM have come to terms on a draft contract extension. The extension will include rate increases for monthly service as well as an increase to At Your Door (AYD). The extension will also allow, at no cost, food scraps to be included with yard waste. The table below highlights the changes.

In reviewing the new rates, staff has found that our rates are still less than comparable

S.F. Detached w/o Landscape Cart (Most Common)				
	Current	Year 1	Year 2	Year 3
Monthly	\$16.15	\$16.97 (4.83%)	\$17.81 (4.72%)	\$18.70 (4.76%)
AYD	\$1.40	\$1.49 (6.43%)	\$1.57 (5.37)	\$1.65 (5.1%)
Total	\$17.55	\$18.46	\$19.38	\$20.35
Annual Increase		\$0.91	\$0.92	\$0.97

communities. Furthermore, our rates have not increased in 3-years and staff believes the proposed rate increase in year-1 is very favorable given inflation the past 3-years. The chart below compares the new rate schedule with our comparables:



As noted, by staying with WM, the Village can retain AYD. To date, over 6,000 BG Households have utilized this service and we have a +90% satisfaction from residents. Furthermore, food scraps will be included, at no additional cost, as part of landscape waste. Through this new program, residents can comingle their food scraps with regular yard waste, provided that it is in a rigid container. Yard Waste and Food Scrap pickup occurs on April 1 and ends the second full week in December.

ORDINANCE NO. 2024 - ____

AN ORDINANCE AUTHORIZING THE VILLAGE MANAGER TO EXECUTE AMENDMENT #1 TO THE EXISTING AGREEMENT WITH WASTE MANAGEMENT FOR SOLID WASTE, RECYCLING AND LANDSCAPE WASTE DISPOSAL, VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS

WHEREAS, the Village of Buffalo Grove ("Village") is a Home Rule Unit by virtue of the Illinois Constitution of 1970; and,

WHEREAS, in 2019, the Village entered into an agreement with Waste Management ("Contractor") for solid waste, recycling and landscape waste disposal ("Agreement"), which is set to expire on May 1, 2024; and,

WHEREAS, the Agreement includes a provision that allows for the terms and conditions to be amended; and,

WHEREAS, the Contractor and the Village have agreed to terms and conditions outlined in a amended agreement effective May 1, 2024 ("Amendment") and attached hereto as Exhibit A; and,

WHEREAS, the President and Village Board of Trustees after due and careful consideration have concluded that the Amendment is in the best interest of the Village.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS:

Section 1. This Ordinance is made pursuant to and in accordance with the Village's Municipal Code and the Village's Home Rule powers. The preceding whereas clauses are hereby made a part of this Ordinance.

Section 2. The Corporate Authorities hereby grant approval of the Amendment and authorize the Village Manager to execute the Amendment, subject to the review and approval of the Village Attorney.

Section 3. This Ordinance shall not be codified.

AYES: _____

NAYS: _____

ABSENT: _____

PASSED: _____

APPROVED: _____

ATTEST:

Village Clerk

APPROVED:

Eric Smith, Village President

EXHIBIT A

Municipal Solid Waste, Recycling and Landscape Waste Amendment #1

**AMENDMENT #1 TO THE VILLAGE OF BUFFALO GROVE
MUNICIPAL SOLID WASTE, RECYCLING AND LANDSCAPE WASTE AGREEMENT**

This Amendment is entered into this ____ day of _____, 2024 by and between The Village of Buffalo Grove, Illinois, an Illinois Municipal Corporation (hereinafter the “VILLAGE”) and Waste Management Holdings Inc. (hereinafter the “CONTRACTOR”).

RECITALS

Whereas, the VILLAGE and the CONTRACTOR have previously entered into an Agreement dated March 21, 2019 (hereinafter the “AGREEMENT”)

Whereas, the VILLAGE and the CONTRACTOR find that it is in their best interests to amend the AGREEMENT.

WITNESSETH

In consideration of the mutual covenants and agreements hereinafter set forth the VILLAGE and the CONTRACTOR agree to amend the AGREEMENT as outlined below:

- A. The VILLAGE and the CONTRACTOR hereby agree that all other provisions of the Agreement not amended herein shall remain in full force and effect.
- B. Section I. d of the Agreement is hereby amended to read as follows:

I. DEFINITIONS

- d. Landscape Waste – shall mean leaves, grass, shrubbery clippings, similar garden waste, and food scraps. This material must be placed at the curb in biodegradable Kraft paper bags, or rigid sided containers. Rigid side containers shall be clearly identified by a 12-inch by 12-inch decal designed by the Village & periodically provided by the contractor to the Village as Contractor receives the decals for the Village’s distribution to residents. Containers cannot exceed 32-gallons and bag bags or containers must not weigh more than 50 lbs. Twigs and branches can be bundled in four foot long by two-foot diameter bundles, tied and left at the curb for pick-up. Branches must be less than three inches in diameter.

Section II. Term of the Agreement is hereby amended to read as follows:

II. TERM

- a. The initial term of this Agreement shall be for three (3) years commencing on May 1, 2024, and ending on April 30, 2027. The initial term of this agreement may be extended upon mutual agreement for an additional one-year term (Option 1) commencing on May 1, 2027 and ending on April 30, 2028. Additionally, the Village may agree to a second one-year term (Option 2) commencing on May 1, 2028 and ending on April 30, 2029.
- b. Agreement may be extended for up to an additional five (5) years upon the mutual agreement of Contractor and Village. At the end of any term the Village of Buffalo Grove reserves the right to extend this agreement for a period of up to one hundred and eighty (180) days for the purpose of securing a new agreement provided; however, that Contractor may increase rates by the combined average CPIU Chicago All Other for the last twelve months or six percent (6%), whichever is less, immediately prior to the commencement of the 180 day extension period. In the event the Village exercises its right to extend the Agreement for 180 days, the parties agree that Contractor is not required

to provide the Community Support payment described in Section VII for the year of the 180 day extension.

Section III. vi. Of the Agreement is hereby amended to read as follows:

III. SERVICES

- vi. Landscape Waste Collection Frequency, Days and Times. Contractor shall provide landscape waste collection services to Residential Units on a weekly basis beginning on April 1st of each year and concluding on the second full week of December each year. All Landscape Waste must be placed at the curb for collection no later than 6:00 a.m. on the scheduled day for collection. Residential Units must place Landscape Waste out on collection day in biodegradable Kraft paper bags or containers. The containers cannot exceed 32-gallons in size and 50 lbs.

Exhibit C-Pricing shall be replaced and read as follows:

Exhibit C-Pricing

<u>Single Family Unit</u>	May 1, 2024	May 1, 2025	May 1, 2026	Option 1 2027	Option 2 2029
Monthly fee per residential unit for unlimited solid waste, recycling and landscape collection with cart	\$18.14	\$19.05	\$20.00	*	*
Monthly fee per residential unit for unlimited solid waste, recycling with cart and landscape collection without cart	\$16.97	\$17.81	\$18.70	*	*
<u>Multi-Family Unit</u>					
Monthly fee per residential unit for unlimited solid waste collection in a central container	\$9.43	\$9.91	\$10.40	*	*
Monthly fee per residential unit for unlimited recycling in a central container	\$2.24	\$2.35	\$2.47	*	*
<u>Other Services</u>					
At Your Door Service monthly fee per residential unit	\$1.49	\$1.57	\$1.65	*	*
Additional refuse service per week per residential unit	\$7.62	\$8.00	\$8.40	*	*
Additional solid waste or recycling cart per residential unit	\$2.67	\$2.80	\$2.94	*	*
Senior discount (65 or older) residential unit	10%	10%	10%	*	*
White goods collection per item	\$40.00	\$40.00	\$40.00	*	*
Bulk items	1 item per week is free plus \$25.00 for each additional item	1 item per week is free plus \$25.00 for each additional item	1 item per week is free plus \$25.00 for each additional item	*	*
Fall leaf assistance	\$10.86/cubic yard plus \$145/hour	\$10.86/cubic yard plus \$145/hour	\$11.51/cubic yard plus \$145/hour	*	*
Emergency Collection	\$58/ton plus \$145/hour	\$58/ton plus \$145/hour	\$58/ton plus \$145/hour	*	*
Additional cart change out fee	\$35.00	\$35.00	\$35.00	*	*

*Costs for Option 1 and Option 2 to be negotiated per section II. Term.

All prices do not include the monthly Solid Waste Agency of Northern Cook County (SWANCC) fees.

EXECUTION

This Amendment is entered into as of the date first written above.

CONTRACTOR:

Waste Management Holdings, Inc.

By:_____

Title

VILLAGE:

The Village of Buffalo Grove

By:_____

Village Manager



Ordinance without Purchase : Ordinance Providing for Compensation of the Village Manager

Summary

N/A

Recommended Motion

SUMMARY: Consistent with Village Board direction, the attached ordinance establishes additional compensation for the Village Manager. Proper notice has been given in accordance with 5 ILCS 120/7.3, having been published and available on the Village's web site on March 11, 2024.

The Village Board approved the Employment Agreement Amended and Restated on December 5, 2022, providing for terms and conditions of his employment including compensation. The attached ordinance provides for additional performance compensation based on satisfactory achievement of goals in his 2023 performance evaluation.

ATTACHMENTS:

1. Ordinance Establishing Additional Compensation 2023

Trustee Liason
President Smith

Staff Contact
Dane Bragg, Village Manager

ORDINANCE NO. 2024-_____

**AN ORDINANCE ESTABLISHING VILLAGE MANAGER
PERFORMANCE BENEFIT**

WHEREAS, the Village of Buffalo Grove is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Buffalo Grove by Ordinance No. 2022-139 approved an Employment Agreement Amended and Restated 2022, dated December 7, 2022 between the Village of Buffalo Grove and Dane C. Bragg; and

WHEREAS, said amended Employment Agreement further establishes the terms of additional compensation and benefits. The Village Board wishes to provide compensation or benefits in addition to those enumerated in Section 4.D of the Agreement.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT and BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, LAKE and COOK COUNTIES, ILLINOIS, as follows:

Section 1. The foregoing recitals are hereby adopted and incorporated into and made a part of this Ordinance as if fully set forth herein.

Section 2. In support of his admirable performance for the year 2023, Dane C. Bragg, as Village Manager of the Village of Buffalo Grove, shall be awarded additional performance compensation in the amount of \$30,000.00, payable upon passage of this ordinance.

Section 4. The remaining terms and conditions of the Village Manager Employment Agreement shall remain in full force and effect.

Section 5. This ordinance shall be effective upon its passage and approval. This ordinance shall not be codified.

AYES: _____

NAYES: _____

ABSENT: _____

PASSED: _____, 2024.

APPROVED: _____, 2024.

APPROVED:

Village President

ATTEST:

Village Clerk



Ordinance with Purchase : 2024 Multi-Use Path Improvements Award

Summary

Staff recommends approval.

Recommended Motion

SUMMARY: Concurrent with the recommendation of the Village Attorney, staff recommends that the Village Board reject all bids, waive bids and authorize the Village Manager to execute a contract with Evans and Son Blacktop, Inc., for the 2024 Multi-Use Path Improvements, as further detailed in the attached memo.

ATTACHMENTS:

1. Reject-Waive-Award Evans Memo
2. Evans Ordinance
3. 4798.082 Bid Recommendation - Multi Use Path Project
4. 4798.082 Bid Tabulation & As Read Results - Multi Use Path
5. _4798.082 Contract Specifications - 2024 Multi Use Path FINAL

Trustee Liason

Trustee Stein

Staff Contact

Kyle Johnson, Village Engineer



MEMORANDUM

DATE: March 12, 2024

TO: Dane Bragg, Village Manager

FROM: Kyle Johnson, Deputy Public Works Director/Village Engineer

SUBJECT: 2024 Multi-Use Path Improvements Award

Recommendation

Concurrent with the recommendation of the Village Attorney, staff recommends that the Village Board reject all bids, waive bids and authorize the Village Manager to execute a contract with Evans and Son Blacktop, Inc., for the 2024 Multi-Use Path Improvements. The total contract amount would be set at \$72,919.00 and would include the base bid, alternates 1-3 and the owner's contingency.

Background

The 2024 Multi-Use Path Improvements were advertised for bids and opened on February 8th, 2024. The lowest bid was in the amount of \$66,290.00 from Evan and Son Blacktop, Inc. However, Evan and Son Blacktop is not an IDOT approved contractor which was a requirement of the bid. Based upon conversations with our Engineering Consultant who has a history of work with Evan and Son Blacktop and the limited impact of this project, they feel the firm is capable of effectively handling the work.

The project includes replacement of all deteriorated asphalt bike paths and bases (approximately 1,500 ft) within the Buffalo Creek Nature Preserve. Due to the size and scope of the project, staff recommends a contingency fund be created and controlled by the Village in the amount of \$6,629.00 (10.0% of the project cost). As bids came in below the engineers estimate Public Works staff will consult with the Village Manager prior to exceeding the low bid price of \$66,290.00. This project is entirely funded by Motor Fuel Tax Funds (MFT).

AN ORDINANCE AUTHORIZING A CONSTRUCTION CONTRACT WITH EVAN AND SON BLACKTOP, INC.

WHEREAS, the Village of Buffalo Grove is a home rule unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Village seeks to enter into a Construction Contract with Evan and Son Blacktop, Inc. for multi-use path replacement within the Buffalo Creek Nature Preserve,

NOW THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BUFFALO GROVE, COOK AND LAKE COUNTIES, ILLINOIS, as follows:

SECTION 1. The foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Village Manager is authorized to enter into a Construction Contract with Evan and Son Blacktop, Inc. for multi-use path replacement within the Buffalo Creek Nature Preserve at a price not to exceed \$72,919.00, pending attorney review.

SECTION 3. If any section, paragraph, clause or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any other provision of this Ordinance.

SECTION 4. This Ordinance shall be in full force and effect from and after its passage and approval and shall not be codified.

AYES: _____

NAYES: _____

ABSENT: _____

PASSED: _____, 2024

APPROVED: _____, 2024

APPROVED:

Eric N. Smith, Village President

ATTEST:

Janet Sirabian, Village Clerk

February 9, 2024

Mr. Kyle Johnson, PE, CFM
Deputy Public Works Director/Village Engineer
Village of Buffalo Grove
51 Raupp Boulevard
Buffalo Grove, Illinois 60089



625 Forest Edge Drive, Vernon Hills, IL 60061
TEL 847.478.9700 ■ FAX 847.478.9701

www.gha-engineers.com

Re: 2024 Multi Use Path Project
VoBG-2024-06
Bid Results and Recommendation for Award

Dear Mr. Johnson:

On Thursday, February 8, 2024, bid proposals for the above referenced project were received, opened, and publicly read aloud via a Microsoft Teams video conference. This project includes the reconstruction of sections of the existing hot-mix asphalt multi use path, and the installation of a new limestone path within the Buffalo Creek Nature Preserve.

As directed, the work considered was separated into a 'base bid' and four 'alternates'. Thus, five separate bid schedules were received from each contractor. Most of the proposed work was included in the base bid, and additional path segments were included in alternate 01, alternate 02, and alternate 03. Alternate 04 included the installation of a new limestone path along the creek.

Bid documents were solicited and available to contractors on the Village's website, and bids were received by six (6) contractors. As-read, the combined bid amounts ranged from \$97,584.00 to \$214,322.50; the Engineer's Opinion of Probable Cost (EOPC) was \$165,230.50. The as-read low bid of \$97,584.00 was received from Evans and Son Blacktop, Inc. of West Chicago, Illinois. The bids for the base bid ranged from \$40,425.50 to \$78,647.50; the EOPC was \$62,003.00. The bids for alternate 01 ranged from \$5,595.00 to \$14,740.00; the EOPC was \$7,020.00. The bids for alternate 02 ranged from \$10,834.00 to \$26,844.00; the EOPC was \$12,890.00. The bids for alternate 03 ranged from \$6,930.00 to \$18,640.00; the EOPC was \$8,727.50. The bids for alternate 04 ranged from \$30,390.00 to \$96,285.00; the EOPC was \$74,590.00.

Evans and Son Blacktop, Inc. has the experience and means to perform the work in accordance with the plans and specifications.

We recommend that the Village Board authorize the award of a construction contract for the 2024 Multi Use Path Project to Evans and Son Blacktop, Inc. in the amount of \$66,290.00. This includes the award of the base bid, alternate 01, alternate 02, and alternate 03.

If you have any questions or require additional information regarding the above, please do not hesitate to contact me at (847) 344-5719 or by email at ldeferville@gha-engineers.com.

Sincerely,
GEWALT HAMILTON ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read 'Lucas Deferville', is written over a horizontal line.

Lucas Deferville
Assistant Director of Construction & Survey Services

Encl.: Bid Summary

CC: Tom Wisniewski – Village of Buffalo Grove
Leo Morand, PE – Gewalt Hamilton Associates, Inc.

Client: Village of Buffalo Grove
Project: 2024 Multi Use Path Project (VoBG-2024-06)
GHA Project No: 4798.082

Project Manager: Lucas Deferville
Bid Opening Date: 2/8/2024
Bid Opening Location: Virtual

				Engineer's Opinion of Probable Cost		BID TABULATION											
						Evans and Son Blacktop, Inc West Chicago, IL		Chicagoland Paving Contractors, Inc Lake Zurich, IL		Patriot Maintenance Inc Mundelein, IL		Maneaval Construction Ingleside, IL		Everlast Blacktop Inc Elgin, IL		Schroeder Asphalt Services, Inc Huntley, IL	
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
20201200	Removal and Disposal of Unsuitable Material	25.0	CY	\$90.00	\$2,250.00	\$75.00	\$1,875.00	\$22.50	\$562.50	\$40.00	\$1,000.00	\$71.00	\$1,775.00	\$50.00	\$1,250.00	\$85.00	\$2,125.00
21001000	Geotechnical Fabric for Ground Stabilization	112.0	SY	\$4.00	\$448.00	\$15.00	\$1,680.00	\$1.00	\$112.00	\$20.00	\$2,240.00	\$2.00	\$224.00	\$2.00	\$224.00	\$5.00	\$560.00
30300001	Aggregate Subgrade Improvement	25.0	CY	\$100.00	\$2,500.00	\$93.00	\$2,325.00	\$22.50	\$562.50	\$40.00	\$1,000.00	\$103.00	\$2,575.00	\$80.00	\$2,000.00	\$85.00	\$2,125.00
35101400	Aggregate Base Course, Type B	45.0	TN	\$45.00	\$2,025.00	\$50.50	\$2,272.50	\$15.00	\$675.00	\$35.00	\$1,575.00	\$60.00	\$2,700.00	\$50.00	\$2,250.00	\$60.00	\$2,700.00
35800100	Preparation of Base	1,115.0	SY	\$4.00	\$4,460.00	\$2.00	\$2,230.00	\$1.50	\$1,672.50	\$1.00	\$1,115.00	\$1.00	\$1,115.00	\$2.00	\$2,230.00	\$3.50	\$3,902.50
40604060	Hot-Mix Asphalt Surface Course, IL-9.5, Mix "D", N50	195.0	TN	\$130.00	\$25,350.00	\$116.00	\$22,620.00	\$150.00	\$29,250.00	\$180.00	\$35,100.00	\$144.00	\$28,080.00	\$151.00	\$29,445.00	\$155.00	\$30,225.00
44000161	Hot-Mix Asphalt Surface Removal, 3"	1,115.0	SY	\$10.00	\$11,150.00	\$4.00	\$4,460.00	\$5.00	\$5,575.00	\$3.00	\$3,345.00	\$6.00	\$6,690.00	\$11.00	\$12,265.00	\$14.00	\$15,610.00
67100100	Mobilization	1.0	LS	\$3,400.00	\$3,400.00	\$737.00	\$737.00	\$5,890.50	\$5,890.50	\$1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$13,000.00	\$13,000.00	\$8,000.00	\$8,000.00
70102620	Traffic Control and Protection, Standard 701501	1.0	LS	\$2,300.00	\$2,300.00	\$1,106.00	\$1,106.00	\$100.00	\$100.00	\$3,500.00	\$3,500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00
-	General Landscape Restoration (Special)	560.0	SY	\$14.50	\$8,120.00	\$2.00	\$1,120.00	\$10.00	\$5,600.00	\$4.00	\$2,240.00	\$17.00	\$9,520.00	\$8.00	\$4,480.00	\$15.00	\$8,400.00

Total Base Bid:	\$62,003.00	\$40,425.50	\$50,000.00	\$52,115.00	\$57,679.00	\$69,144.00	\$78,647.50
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20201200	Removal and Disposal of Unsuitable Material	5.0	CY	\$90.00	\$450.00	\$98.00	\$490.00	\$22.50	\$112.50	\$40.00	\$200.00	\$183.00	\$915.00	\$50.00	\$250.00	\$75.00	\$375.00
21001000	Geotechnical Fabric for Ground Stabilization	10.0	SY	\$4.00	\$40.00	\$21.00	\$210.00	\$1.00	\$10.00	\$30.00	\$300.00	\$2.00	\$20.00	\$2.00	\$20.00	\$3.00	\$30.00
30300001	Aggregate Subgrade Improvement	5.0	CY	\$100.00	\$500.00	\$75.50	\$377.50	\$22.50	\$112.50	\$40.00	\$200.00	\$205.00	\$1,025.00	\$80.00	\$400.00	\$75.00	\$375.00
35101400	Aggregate Base Course, Type B	5.0	TN	\$45.00	\$225.00	\$62.50	\$312.50	\$15.00	\$75.00	\$35.00	\$175.00	\$180.00	\$900.00	\$50.00	\$250.00	\$50.00	\$250.00
35800100	Preparation of Base	90.0	SY	\$4.00	\$360.00	\$8.00	\$720.00	\$5.00	\$450.00	\$1.00	\$90.00	\$7.00	\$630.00	\$5.00	\$450.00	\$3.00	\$270.00
40604060	Hot-Mix Asphalt Surface Course, IL-9.5, Mix "D", N50	20.0	TN	\$130.00	\$2,600.00	\$187.00	\$3,740.00	\$250.00	\$5,000.00	\$200.00	\$4,000.00	\$167.00	\$3,340.00	\$170.00	\$3,400.00	\$140.00	\$2,800.00
44000161	Hot-Mix Asphalt Surface Removal, 3"	90.0	SY	\$10.00	\$900.00	\$7.50	\$675.00	\$10.00	\$900.00	\$3.00	\$270.00	\$12.00	\$1,080.00	\$71.00	\$6,390.00	\$13.00	\$1,170.00
67100100	Mobilization	1.0	LS	\$385.00	\$385.00	\$185.00	\$185.00	\$3,890.00	\$3,890.00	\$0.00	\$0.00	\$100.00	\$100.00	\$800.00	\$800.00	\$2,000.00	\$2,000.00
70102620	Traffic Control and Protection, Standard 701501	1.0	LS	\$255.00	\$255.00	\$737.00	\$737.00	\$100.00	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$800.00	\$800.00	\$2,000.00	\$2,000.00
-	General Landscape Restoration (Special)	90.0	SY	\$14.50	\$1,305.00	\$2.50	\$225.00	\$15.00	\$1,350.00	\$4.00	\$360.00	\$17.00	\$1,530.00	\$22.00	\$1,980.00	\$15.00	\$1,350.00

Total Alternate 01 Bid:	\$7,020.00	\$7,672.00	\$12,000.00	\$5,595.00	\$9,540.00	\$14,740.00	\$10,620.00
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20101200	Tree Root Pruning	3.0	EA	\$250.00	\$750.00	\$88.00	\$264.00	\$400.00	\$1,200.00	\$400.00	\$1,200.00	\$495.00	\$1,485.00	\$1,000.00	\$3,000.00	\$400.00	\$1,200.00
20201200	Removal and Disposal of Unsuitable Material	10.0	CY	\$90.00	\$900.00	\$96.50	\$965.00	\$22.50	\$225.00	\$40.00	\$400.00	\$91.00	\$910.00	\$50.00	\$500.00	\$75.00	\$750.00
21001000	Geotechnical Fabric for Ground Stabilization	30.0	SY	\$4.00	\$120.00	\$9.00	\$270.00	\$1.00	\$30.00	\$20.00	\$600.00	\$2.00	\$60.00	\$2.00	\$60.00	\$3.00	\$90.00
30300001	Aggregate Subgrade Improvement	10.0	CY	\$100.00	\$1,000.00	\$75.00	\$750.00	\$22.50	\$225.00	\$40.00	\$400.00	\$122.00	\$1,220.00	\$50.00	\$500.00	\$75.00	\$750.00
35101400	Aggregate Base Course, Type B	15.0	TN	\$45.00	\$675.00	\$50.00	\$750.00	\$15.00	\$225.00	\$35.00	\$525.00	\$77.00	\$1,155.00	\$50.00	\$750.00	\$50.00	\$750.00
35800100	Preparation of Base	180.0	SY	\$4.00	\$720.00	\$4.00	\$720.00	\$5.00	\$900.00	\$1.00	\$180.00	\$4.00	\$720.00	\$3.00	\$540.00	\$3.00	\$540.00
40604060	Hot-Mix Asphalt Surface Course, IL-9.5, Mix "D", N50	34.0	TN	\$130.00	\$4,420.00	\$125.00	\$4,250.00	\$150.00	\$5,100.00	\$200.00	\$6,800.00	\$134.00	\$4,556.00	\$151.00	\$5,134.00	\$140.00	\$4,760.00
44000161	Hot-Mix Asphalt Surface Removal, 3"	180.0	SY	\$10.00	\$1,800.00	\$7.50	\$1,350.00	\$7.50	\$1,350.00	\$3.00	\$540.00	\$7.00	\$1,260.00	\$71.00	\$12,780.00	\$13.00	\$2,340.00
67100100	Mobilization	1.0	LS	\$700.00	\$700.00	\$553.00	\$553.00	\$4,295.00	\$4,295.00	\$0.00	\$0.00	\$130.00	\$130.00	\$800.00	\$800.00	\$2,000.00	\$2,000.00
70102620	Traffic Control and Protection, Standard 701501	1.0	LS	\$500.00	\$500.00	\$737.00	\$737.00	\$100.00	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$800.00	\$800.00	\$2,000.00	\$2,000.00
-	General Landscape Restoration (Special)	90.0	SY	\$14.50	\$1,305.00	\$2.50	\$225.00	\$15.00	\$1,350.00	\$4.00	\$360.00	\$17.00	\$1,530.00	\$22.00	\$1,980.00	\$15.00	\$1,350.00

Total Alternate 02 Bid:	\$12,890.00	\$10,834.00	\$15,000.00	\$11,005.00	\$13,026.00	\$26,844.00	\$16,530.00
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20201200	Removal and Disposal of Unsuitable Material	5.0	CY	\$90.00	\$450.00	\$74.00	\$370.00	\$22.50	\$112.50	\$40.00	\$200.00	\$183.00	\$915.00	\$50.00	\$250.00	\$75.00	\$375.00
21001000	Geotechnical Fabric for Ground Stabilization	15.0	SY	\$4.00	\$60.00	\$7.50	\$112.50	\$1.00	\$15.00	\$20.00	\$300.00	\$2.00	\$30.00	\$2.00	\$30.00	\$3.00	\$45.00
30300001	Aggregate Subgrade Improvement	5.0	CY	\$100.00	\$500.00	\$37.00	\$185.00	\$22.50	\$112.50	\$40.00	\$200.00	\$205.00	\$1,025.00	\$50.00	\$250.00	\$75.00	\$375.00
35101400	Aggregate Base Course, Type B	10.0	TN	\$45.00	\$450.00	\$18.50	\$185.00	\$15.00	\$150.00	\$35.00	\$350.00	\$103.00	\$1,030.00	\$50.00	\$500.00	\$50.00	\$500.00
35800100	Preparation of Base	145.0	SY	\$4.00	\$580.00	\$5.00	\$725.00	\$3.50	\$507.50	\$1.00	\$145.00	\$5.00	\$725.00	\$2.00	\$290.00	\$3.00	\$435.00
40604060	Hot-Mix Asphalt Surface Course, IL-9.5, Mix "D", N50	25.0	TN	\$130.00	\$3,250.00	\$120.50	\$3,012.50	\$150.00	\$3,750.00	\$200.00	\$5,000.00	\$149.00	\$3,725.00	\$151.00	\$3,775.00	\$140.00	\$3,500.00
44000161	Hot-Mix Asphalt Surface Removal, 3"	145.0	SY	\$10.00	\$1,450.00	\$7.00	\$1,015.00	\$7.50	\$1,087.50	\$3.00	\$435.00	\$7.00	\$1,015.00	\$71.00	\$10,295.00	\$13.00	\$1,885.00
67100100	Mobilization	1.0	LS	\$500.00	\$500.00	\$369.00	\$369.00	\$3,040.00	\$3,040.00	\$0.00	\$0.00	\$130.00	\$130.00	\$800.00	\$800.00	\$2,000.00	\$2,000.00
70102620	Traffic Control and Protection, Standard 701501	1.0	LS	\$400.00	\$400.00	\$737.00	\$737.00	\$100.00	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$800.00	\$800.00	\$2,000.00	\$2,000.00
-	General Landscape Restoration (Special)	75.0	SY	\$14.50	\$1,087.50	\$8.50	\$637.50	\$15.00	\$1,125.00	\$4.00	\$300.00	\$17.00	\$1,275.00	\$22.00	\$1,650.00	\$15.00	\$1,125.00

Total Alternate 03 Bid:	\$8,727.50	\$7,348.50	\$10,000.00	\$6,930.00	\$9,870.00	\$18,640.00	\$12,240.00
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20200100	Earth Excavation	185.0	CY	\$50.00	\$9,250.00	\$40.00	\$7,400.00	\$55.00	\$10,175.00	\$120.00	\$22,200.00	\$45.00	\$8,325.00	\$50.00	\$9,250.00	\$125.00	\$23,125.00
20201200	Removal and Disposal of Unsuitable Material	10.0	CY	\$90.00	\$900.00	\$49.00	\$490.00	\$22.50	\$225.00	\$40.00	\$400.00	\$92.00	\$920.00	\$50.00	\$500.00	\$75.00	\$750.00
21001000	Geotechnical Fabric for Ground Stabilization	570.0	SY	\$4.00	\$2,280.00	\$7.00	\$3,990.00	\$1.00	\$570.00	\$10.00	\$5,700.00	\$2.00	\$1,140.00	\$2.00	\$1,140.00	\$3.00	\$1,710.00
30300001	Aggregate Subgrade Improvement	10.0	CY	\$100.00	\$1,000.00	\$54.00	\$540.00	\$22.50	\$225.00	\$40.00	\$400.00	\$122.00	\$1,220.00	\$80.00	\$800.00	\$75.00	\$750.00
31101600	Subbase Granular Material, Type B 8"	570.0	SY	\$16.00	\$9,120.00	\$17.00	\$9,690.00	\$16.50	\$9,405.00	\$10.00	\$5,700.00	\$20.00	\$11,400.00	\$9.00	\$5,130.00	\$21.00	\$11,970.00
67100100	Mobilization	1.0	LS	\$4,000.00	\$4,000.00	\$369.00	\$369.00	\$7,325.00	\$7,325.00	\$1,000.00	\$1,000.00	\$415.00	\$415.00	\$1,000.00	\$1,000.00	\$8,000.00	\$8,000.00
70102620	Traffic Control and Protection, Standard 701501	1.0	LS	\$2,750.00	\$2,750.00	\$737.00	\$737.00	\$100.00	\$100.00	\$3,500.00	\$3,500.00	\$0.00	\$0.00	\$800.00	\$800.00	\$5,000.00	\$5,000.00
-	General Landscape Restoration (Special)	420.0	SY	\$14.50	\$6,090.00	\$6.00	\$2,520.00	\$10.00	\$4,200.00	\$10.00	\$4,200.00	\$17.00	\$7,140.00	\$9.00	\$3,780.00	\$15.00	\$6,300.00
-	Clearing and Grubbing (Special)	1.0	LS	\$5,000.00	\$5,000.00	\$1,578.00	\$1,578.00	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00	\$2,200.00	\$2,200.00	\$4,000.00	\$4,000.00	\$25,000.00	\$25,000.00
-	Stabilized Limestone Pathway, 3"	570.0	SY	\$60.00	\$34,200.00	\$7.00	\$3,990.00	\$7.50	\$4,275.00	\$12.00	\$6,840.00	\$17.00	\$9,690.00	\$7.00	\$3,990.00	\$24.00	\$13,680.00

Total Alternate 04 Bid:	\$74,590.00	\$31,304.00	\$40,000.00	\$54,940.00	\$42,450.00	\$30,390.00	\$96,285.00
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Total Bid:	\$165,230.50	\$97,584.00	\$127,000.00	\$130,585.00	\$132,565.00	\$159,758.00	\$214,322.50
				As Read:	\$130,885.00		



COVER SHEET

Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Type of Funds

☒ Proposal Only ☐ Proposal and Plans ☐ Proposal only, plans are separate

Submitted/Approved

For Local Public Agency:

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

Official Title

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature & Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Buffalo Grove	Cook	24-00000-03-GM	Buffalo Creek Nature Preserve

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of www.vbg.org/bids

		Name of Office	
	until	10:00 AM	on 02/08/24
		Time	Date
Address			

Sealed proposals will be opened and read publicly at the office of a live, online meeting hosted by the Village

		Name of Office	
https://rb.gy/oj8ojw	at	10:00 AM	on 02/08/24
		Time	Date
Address			

DESCRIPTION OF WORK

Location	Project Length
Buffalo Creek Nature Preserve	N/A

Proposed Improvement

This project includes, but is not limited to, the following major work items: multi use path asphalt surface removal, aggregate base improvements, asphalt pathway paving, new limestone pathway, landscape restoration; and other associated improvements.

1. Plans and proposal forms will be available in the office of

www.vbg.org/bids
Office of the Purchasing Manager - (847) 459-2500

2. ☒ Prequalification

If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and two originals with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:

- Local Public Agency Formal Contract Proposal (BLR 12200)
- Schedule of Prices (BLR 12201)
- Proposal Bid Bond (BLR 12230) (if applicable)
- Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
- Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Buffalo Grove	Cook	24-00000-03-GM	Buffalo Creek Nature Preserve

PROPOSAL

1. Proposal of _____ Contractor's Name _____
 _____ Contractor's Address _____
2. The plans for the proposed work are those prepared by Gewalt Hamilton Associates, Inc.
 and approved by the Department of Transportation on _____.
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the " Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within _____ working days or by 06/07/24 unless additional time is granted in accordance with the specifications.
6. The successful bidder at the time of execution of the contract Will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.
7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.
8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.
9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.
10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds Will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: Village Treasurer of Buffalo Grove.
 The amount of the check is _____ (_____).

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number _____.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Buffalo Grove	Cook	24-00000-03-GM	Buffalo Creek Nature Preserve

CONTRACTOR CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense, or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Buffalo Grove	Cook	24-00000-03-GM	Buffalo Creek Nature Preserve

SIGNATURES

(If an individual)

Bidder Signature & Date

Business Address

City

State

Zip Code

(If a partnership)

Firm Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert Names of Officers

President

Attest:

Secretary

Secretary

Treasurer



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
	Base Bid				
20201200	Rem and Disp of Unsuit Matl	CY	25		
21001000	Geo Fabric For Ground Stab	SY	112		
30300001	Agg Subgrade Improvement	CY	25		
35101400	Agg Base Course, Type B	TN	45		
35800100	Preparation of Base	SY	1115		
40604060	HMA Surface Cse, IL-9.5, N50	TN	195		
44000161	HMA Surface Removal, 3"	SY	1115		
67100100	Mobilization	LS	1		
70102620	Traf Cont and Prot,Stan 701501	LS	1		
-	Gen Landscape Restor (SP)	SY	560		
Bidder's Total Proposal					

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
	ALTERNATE 01				
20201200	Rem and Disp of Unsuit Matl	CY	5		
21001000	Geo Fabric For Ground Stab	SY	10		
30300001	Agg Subgrade Improvement	CY	5		
35101400	Agg Base Course, Type B	TN	5		
35800100	Preparation of Base	SY	90		
40604060	HMA Surface Cse, IL-9.5, N50	TN	20		
44000161	HMA Surface Removal, 3"	SY	90		
67100100	Mobilization	LS	1		
70102620	Traf Cont and Prot,Stan 701501	LS	1		
-	Gen Landscape Restor (SP)	SY	90		
Bidder's Total Proposal					

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
	ALTERNATE 02				
20101200	Tree Root Pruning	EA	3		
20201200	Rem and Disp of Unsuit Matl	CY	10		
21001000	Geo Fabric For Ground Stab	SY	30		
30300001	Agg Subgrade Improvement	CY	10		
35101400	Agg Base Course, Type B	TN	15		
35800100	Preparation of Base	SY	180		
40604060	HMA Surface Cse, IL-9.5, N50	TN	34		
44000161	HMA Surface Removal, 3"	SY	180		
67100100	Mobilization	LS	1		
70102620	Traf Cont and Prot,Stan 701501	LS	1		
-	Gen Landscape Restor (SP)	SY	90		
Bidder's Total Proposal					

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
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Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
	ALTERNATE 03				
20201200	Rem and Disp of Unsuit Matl	CY	5		
21001000	Geo Fabric For Ground Stab	SY	15		
30300001	Agg Subgrade Improvement	CY	5		
35101400	Agg Base Course, Type B	TN	10		
35800100	Preparation of Base	SY	145		
40604060	HMA Surface Cse, IL-9.5, N50	TN	25		
44000161	HMA Surface Removal, 3"	SY	145		
67100100	Mobilization	LS	1		
70102620	Traf Cont and Prot,Stan 701501	LS	1		
-	Gen Landscape Restor (SP)	SY	75		
Bidder's Total Proposal					

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
	ALTERNATE 04				
20200100	Earth Excavation	CY	185		
20201200	Rem and Disp of Unsuit Matl	CY	10		
21001000	Geo Fabric For Ground Stab	SY	570		
30300001	Agg Subgrade Improvement	CY	10		
31101600	Subbase Gran Matl, Ty B 8"	SY	570		
67100100	Mobilization	LS	1		
70102620	Traf Cont and Prot,Stan 701501	LS	1		
-	Gen Landscape Restor (SP)	SY	420		
-	Clearing & Grubbing (SP)	LS	1		
-	Stabilized Limestone Path, 3"	SY	570		
Bidder's Total Proposal					

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.



Local Public Agency

Village of Buffalo Grove

County

Cook

Section Number

24-00000-03-GM

WE, _____ as PRINCIPAL, and

_____ as SURETY, are held jointly, severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LPA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LPA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LPA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ of _____ Day _____ Month and Year

Principal

Company Name

Signature & Date

By:

Title

Company Name

Signature & Date

By:

Title

(If Principal is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

Name of Surety

Signature of Attorney-in-Fact Signature & Date

By:

STATE OF IL

COUNTY OF

I _____, a Notary Public in and for said county do hereby certify that

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____ Month and Year .

(SEAL, if required by the LPA)

Notary Public Signature & Date

Date commission expires _____

Local Public Agency

County

Section Number

Village of Buffalo Grove

Cook

24-00000-03-GM

ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LPA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

--	--	--	--	--	--	--	--	--	--	--	--	--

Company/Bidder Name

--

Signature & Date

--

Title

--



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Buffalo Grove	Cook	Various	24-00000-03-GM

All contractors are required to complete the following certification

- ☐ For this contract proposal or for all bidding groups in this deliver and install proposal.
- ☐ For the following deliver and install bidding groups in this material proposal.

--

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidder's subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

1. Except as provided in paragraph 4 below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
2. The undersigned bidder further certifies, for work to be performed by subcontract, that each of its subcontractors either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
3. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

--

4. Except for any work identified above, if any bidder or subcontractor shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforces and positions of ownership. ☐

--

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or afterward may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder	Signature & Date		
Title			
Address	City	State	Zip Code



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Buffalo Grove	Cook	Various	24-00000-03-GM

I, _____ of _____, _____,
Name of Affiant City of Affiant State of Affiant
being first duly sworn upon oath, state as follows:

1. That I am the _____ of _____.
Officer or Position Bidder
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under the proposal described above, _____, will maintain a business office in the
Bidder
State of Illinois, which will be located in _____ County, Illinois.
County
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

Signature & Date

--

Print Name of Affiant

--

Notary Public

State of IL

County _____

Signed (or subscribed or attested) before me on _____ by
(date)

_____, authorized agent(s) of
(name/s of person/s)

Bidder

Notary Public Signature & Date

--

(SEAL)

My commission expires _____



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					

Total Uncompleted					
-------------------	--	--	--	--	--

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts



Affidavit of Availability

For the Letting of

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

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Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

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Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	2	3	4	Awards Pending	1
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

Notary

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Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts



Affidavit of Availability

For the Letting of

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

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	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
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Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

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	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					

Total Uncompleted					
-------------------	--	--	--	--	--

Notary

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Officer or Director

Title

Signature

Date

Company

Address

City

State

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Subscribed and sworn to before me

this _____ day of _____, _____

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My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts



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2300 South Dirksen Parkway/Room 322
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	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

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Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts



Affidavit of Availability

For the Letting of

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					

Total Uncompleted					
-------------------	--	--	--	--	--

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

EXHIBIT A - PUBLIC CONTRACT STATEMENT

This Public Contract Statement (the “**Contract Statement**”) has been executed by the below supplier, Contractor or vendor (collectively the “**Contractor**”) in order for the Village of Buffalo Grove to obtain certain information necessary prior to awarding a public contract. The Contract Statement shall be executed and notarized and submitted as part of the Bid Proposal.

CERTIFICATION OF CONTRACTOR/BIDDER

In order to comply with 720 Illinois Compiled Statutes 5/33 E-1 et seq., the Village of Buffalo Grove requires the following certification be acknowledged:

The Contractor certifies that it is not barred from bidding or supplying any goods, services or construction let by the Village of Buffalo Grove with or without bid, due to any violation of either Section 5/33 E-3 or 5/33 E-4 of Article 33E, Public Contracts, of the Chapter 720 of the Illinois Compiled Statutes, as amended. This act relates to interference with public contracting, bid rigging and rotating, kickbacks, and bidding.

CERTIFICATION RELATIVE TO 65 ILCS 5/11-42.1.1

In order to comply with 65 Illinois Compiled Statutes 5/11-42.1.1, the Village of Buffalo Grove requires the following certification:

The Contractor does hereby swear and affirm that it is not delinquent in the payment of any tax administered by the Illinois Department of Revenue unless it is contesting such tax in accordance with the procedures established by the appropriate revenue act, its liability for the tax or the amount of the tax. The undersigned further understands that making a false statement herein: (1) is a Class A misdemeanor, and (2) voids the contract and allows the Village to recover all amounts paid to it under the contract.

CONFLICT OF INTEREST

The Village of Buffalo Grove Municipal Code requires the following verification relative to conflict of interest and compliance with general ethics requirements of the Village:

The Contractor represents and warrants to the Village of Buffalo Grove as a term and condition of acceptance of their Bid Proposal that none of the following Village officials is either an officer or director of Contractor nor owns five percent (5%) or more of the Contractor: the Village President, the members of the Village Board of Trustees, the Village Clerk, the Village Treasurer, the members of the Zoning Board of Appeals and the Plan Commission, the Village Manager and his/her Assistant, or the heads of the various departments within the Village.

If the foregoing representation and warranty is inaccurate, state the name of the Village official who either is an officer or director of your business entity or owns five percent (5%) or more thereof: _____.

OTHER COMMITMENTS

Has your firm ever been debarred by a governmental agency in the State of Illinois within the last 7 years? If no, please check the box. ☐

I have read, understand and am able to fulfill the requirements of the contract documents. If yes, please check the box. ☐

I can provide insurance documents that meet the terms of the contract documents, which include original endorsements that explicitly name the Village of Buffalo Grove (and others per the contract documents). If yes, please check the box. ☐

In the past 7 years has your firm been involved in litigation, arbitration, or mediation with a governmental agency? If no, please check the box. ☐ If yes, please provide a brief description.

IN WITNESS WHEREOF, the below Contractor has signed and sealed this Contract Statement as of this ____ day of _____, 20__.

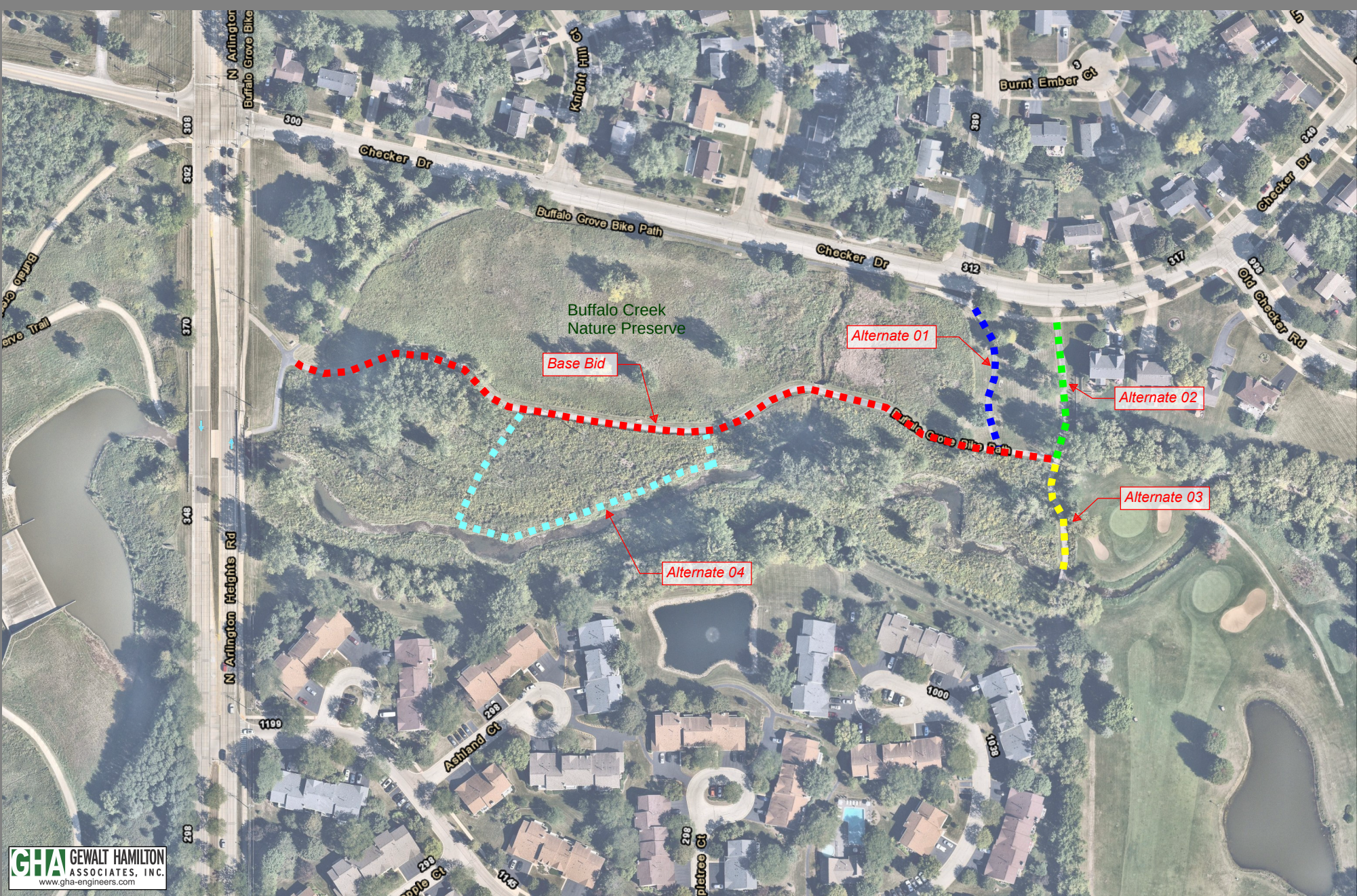
Print Name of Contractor

Signature

Print Title

Given under my hand and official seal, this ____ day of _____, 20__.

Notary Public



GHA GEWALT HAMILTON
ASSOCIATES, INC.
www.gha-engineers.com



1 in = 200 ft

2024 Multi Use Path Project

Village of Buffalo Grove

Description of Work
2024 Multi Use Path Project
Village of Buffalo Grove

This project includes existing asphalt paths within The Prairies at Buffalo Creek Nature Preserve owned, maintained and within the Village of Buffalo Grove property. The asphalt paths require removal and replacement due to cracking, trip hazards, settlements, and/or heaving, to protect the traveling public.

The following are approximate widths, lengths, and areas of all base bid and alternate paths in consideration:

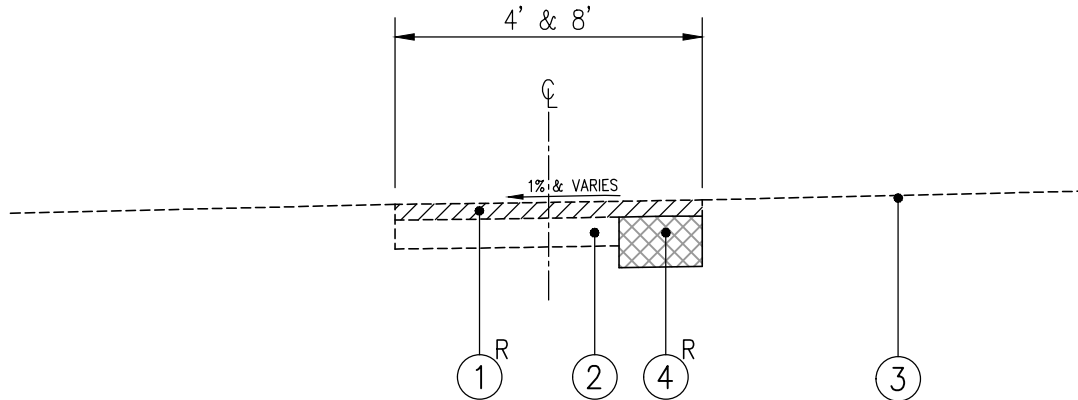
	Width (FT)	Length (FT)	Area (SY)
Base Bid (Path 1):	8	1250	1,115
Alternate 01 (Path 2):	4	200	90
Alternate 02 (Path 3):	8	200	180
Alternate 03 (Path 4):	8	160	145
<i>Total:</i>		<i>1810</i>	<i>1950</i>

The above segments will include existing pathway asphalt surface removal, removal and disposal of unsuitable material, preparation of base, new asphalt pathways, landscape restoration, and other associated improvements.

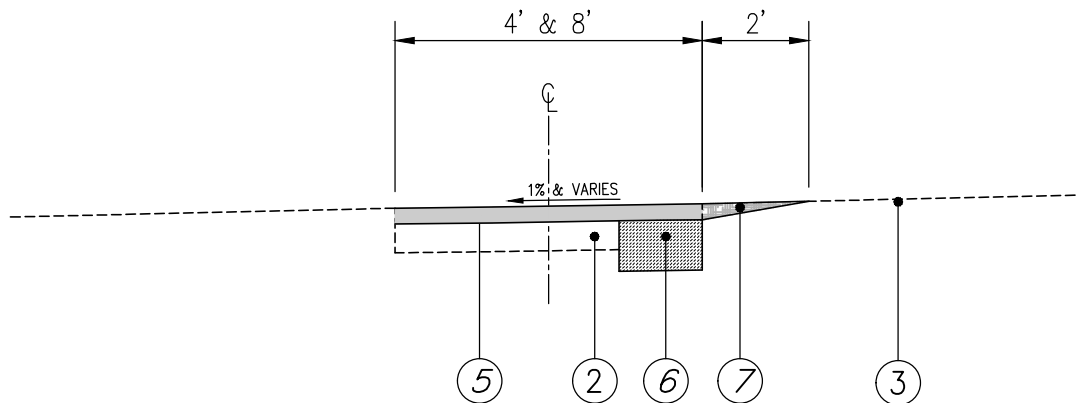
	Width (FT)	Length (FT)	Area (SY)
Alternate 04 (New Paths):	8	610	570
<i>Total:</i>		<i>610</i>	<i>570</i>

The above segments will include earth excavation, geotechnical fabric installation, subbase granular material, limestone aggregate placement, landscape restoration, and other associated improvements.

HMA PATH RESURFACING (SEE DESCRIPTION OF WORK)



EXISTING PAVEMENT SECTION



PROPOSED PAVEMENT SECTION

TYPICAL SECTION LEGEND

NO	DESCRIPTION
①	EXISTING BITUMINOUS PAVEMENT, VARIES
②	EXISTING AGGREGATE BASE COURSE, VARIES
③	EXISTING GROUND
④	UNSUITABLE MATERIAL (as required)
⑤	PROPOSED HMA SURFACE COURSE, 3"
⑥	PROPOSED AGGREGATE SUBGRADE & GEOTECHNICAL FABRIC (as required)
⑦	GENERAL LANDSCAPE RESTORATION
ⓧ ^R	ITEM TO BE REMOVED

HMA - MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
RESURFACING		
HMA Surface Course, Mix D, IL-9.5, N50 2"	4% @ 50 Gyr.	
QMP Designations: Quality Control/Quality Assurance (QC/QA)		

- The unit weight used to calculate all HMA Surface Mixture quantities is 112 lb/sy/in.
- The 'AC Type' for Polymerized HMA mixes shall be 'SBS/SBR PG 76-22' and for non-polymerized HMA the 'AC Type' shall be 'PG 64-22' unless modified by District One Special Provisions.
- For HMA full depth 'AC Type' see Special Provisions.
- For use of recycled materials see Special Provisions.
- Quality Management Program (QMP) identifies the particular quality control specification that applies to the HMA mixture.

SUMMARY OF QUANTITIES - BASE BID (PATH 1)

SP	ITEM NO	DESCRIPTION	UNIT	QUANTITY
	20201200	Removal and Disposal of Unsuitable Material	CY	25.0
	21001000	Geotechnical Fabric for Ground Stabilization	SY	112.0
	30300001	Aggregate Subgrade Improvement	CY	25.0
	35101400	Aggregate Base Course, Type B	TN	45.0
	35800100	Preparation of Base	SY	1,115.0
	40604060	Hot-Mix Asphalt Surface Course, IL-9.5, Mix "D", N50	TN	195.0
	44000161	Hot-Mix Asphalt Surface Removal, 3"	SY	1,115.0
	67100100	Mobilization	LS	1.0
	70102620	Traffic Control and Protection, Standard 701501	LS	1.0
*	-	General Landscape Restoration (Special)	SY	560.0

* Special Provision Required

SUMMARY OF QUANTITIES - ALTERNATE 01 (PATH 2)

SP	ITEM NO	DESCRIPTION	UNIT	QUANTITY
	20201200	Removal and Disposal of Unsuitable Material	CY	5.0
	21001000	Geotechnical Fabric for Ground Stabilization	SY	10.0
	30300001	Aggregate Subgrade Improvement	CY	5.0
	35101400	Aggregate Base Course, Type B	TN	5.0
	35800100	Preparation of Base	SY	90.0
	40604060	Hot-Mix Asphalt Surface Course, IL-9.5, Mix "D", N50	TN	20.0
	44000161	Hot-Mix Asphalt Surface Removal, 3"	SY	90.0
	67100100	Mobilization	LS	1.0
	70102620	Traffic Control and Protection, Standard 701501	LS	1.0
*	-	General Landscape Restoration (Special)	SY	90.0

* Special Provision Required

SUMMARY OF QUANTITIES - ALTERNATE 02 (PATH 3)

SP	ITEM NO	DESCRIPTION	UNIT	QUANTITY
	20101200	Tree Root Pruning	EA	3.0
	20201200	Removal and Disposal of Unsuitable Material	CY	10.0
	21001000	Geotechnical Fabric for Ground Stabilization	SY	30.0
	30300001	Aggregate Subgrade Improvement	CY	10.0
	35101400	Aggregate Base Course, Type B	TN	15.0
	35800100	Preparation of Base	SY	180.0
	40604060	Hot-Mix Asphalt Surface Course, IL-9.5, Mix "D", N50	TN	34.0
	44000161	Hot-Mix Asphalt Surface Removal, 3"	SY	180.0
	67100100	Mobilization	LS	1.0
	70102620	Traffic Control and Protection, Standard 701501	LS	1.0
*	-	General Landscape Restoration (Special)	SY	90.0

* Special Provision Required

SUMMARY OF QUANTITIES - ALTERNATE 03 (PATH 4)

SP	ITEM NO	DESCRIPTION	UNIT	QUANTITY
	20201200	Removal and Disposal of Unsuitable Material	CY	5.0
	21001000	Geotechnical Fabric for Ground Stabilization	SY	15.0
	30300001	Aggregate Subgrade Improvement	CY	5.0
	35101400	Aggregate Base Course, Type B	TN	10.0
	35800100	Preparation of Base	SY	145.0
	40604060	Hot-Mix Asphalt Surface Course, IL-9.5, Mix "D", N50	TN	25.0
	44000161	Hot-Mix Asphalt Surface Removal, 3"	SY	145.0
	67100100	Mobilization	LS	1.0
	70102620	Traffic Control and Protection, Standard 701501	LS	1.0
*	-	General Landscape Restoration (Special)	SY	75.0

* Special Provision Required

SUMMARY OF QUANTITIES - ALTERNATE 04 (NEW PATH)

SP	ITEM NO	DESCRIPTION	UNIT	QUANTITY
	20200100	Earth Excavation	CY	185.0
	20201200	Removal and Disposal of Unsuitable Material	CY	10.0
	21001000	Geotechnical Fabric for Ground Stabilization	SY	570.0
	30300001	Aggregate Subgrade Improvement	CY	10.0
	31101600	Subbase Granular Material, Type B 8"	SY	570.0
	67100100	Mobilization	LS	1.0
	70102620	Traffic Control and Protection, Standard 701501	LS	1.0
*	-	General Landscape Restoration (Special)	SY	420.0
*	-	Clearing and Grubbing (Special)	LS	1.0
*	-	Stabilized Limestone Pathway, 3"	SY	570.0

* Special Provision Required



Check Sheet for Recurring Special Provisions

Local Public Agency

County

Section Number

Village of Buffalo Grove

Cook

24-00000-03-GM

☐ Check this box for lettings prior to 01/01/2024.

The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Recurring Special Provisions

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2	☐	Subletting of Contracts (Federal-Aid Contracts)	62
3	☐	EEO	63
4	☐	Specific EEO Responsibilities Non Federal-Aid Contracts	73
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8	☐	Temporary Stream Crossings and In-Stream Work Pads	86
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27	☐	Restoring Bridge Approach Pavements Using High-Density Foam	138
28	☐	Portland Cement Concrete Inlay or Overlay	141
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Local Public Agency	County	Section Number
Village of Buffalo Grove	Cook	24-00000-03-GM

The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Local Roads And Streets Recurring Special Provisions

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LRS 3	☒ Work Zone Traffic Control Surveillance	155
LRS 4	☒ Flaggers in Work Zones	156
LRS 5	☒ Contract Claims	157
LRS 6	☒ Bidding Requirements and Conditions for Contract Proposals	158
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LRS 12	☒ Wages of Employees on Public Works	178
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LRS 19	☐ Reflective Crack Control Treatment	188



Local Public Agency

County

Section Number

Village of Buffalo Grove

Cook

24-00000-03-GM

The following Special Provision supplement the "Standard Specifications for Road and Bridge Construction", adopted

January 1, 2022

, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation of bids, and the Supplemental Specification and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of the above named section, and in case of conflict with any parts, or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

2024 Multi Use Path Project

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6. Notice to Bidders
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3. General Landscape Restoration (Special)
4. Clearing and Grubbing (Special)
5. Stabilized Limestone Pathway, 3"

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General Conditions

1. General Conditions

It is the policy of the Municipality and other governing agencies to set standards for the performance of road and bridge construction. This contract shall expressly adhere to the 'Standard Specifications for Road and Bridge Construction', latest edition, and the 'Standard Specifications for Water and Sewer Main Construction in Illinois', latest edition, unless otherwise specified herein.

2. Scope of Work

The provisions of Article 104.02 of the Standard Specifications are hereby amended as follows: **"The Village of Buffalo Grove (Village) expressly reserves the right to remove from or add to the project any portions thereof included in the 2024 Multi Use Path Project. Such additions or reductions, if any, shall be made in writing by the Village prior to execution of the Contract Documents. Any addition or reduction in the scope of work required by the Village prior to the execution of the Contract Documents shall not result in an adjustment to the contract or to the price originally bid."**

3. Definition of Village of Buffalo Grove

All references in the contract relating to the Department, Awarding Authority, Village of Buffalo Grove, Village etc. shall mean the Village of Buffalo Grove.

4. Clean Construction and Demolition Debris (CCDD) Material Disposal

Work under this item shall be performed in compliance with the Illinois Environmental Protection Agency (IEPA) guidelines in effect at the time of construction.

The Contractor will be required to make all arrangements for coordination and submission of the necessary documents with their chosen CCDD or other suitable disposal facility. Written confirmation of preliminary approval must be provided from the disposal facility and confirmed by the Owner as acceptable.

All surplus, clean material generated from the Contractor's activities must be disposed of at an IEPA permitted CCDD or otherwise acceptable facility. The Contractor is responsible for providing documentation to the Owner for each load hauled off-site showing the quantity of material and the location the material was disposed of.

Disposal of clean material not in compliance with these requirements will constitute breach of contract. If the Contractor fails to provide adequate documentation supporting the legal disposal of clean material according to this special provision, the Contractor shall be fined \$1,000 per load of material and will assume all liability associated with material disposed of not in compliance with this special provision.

No extra compensation will be allowed to the Contractor for any expenses incurred complying with these requirements including but not limited to: delays, inconvenience, or interruptions in the work resulting from compliance with these requirements. All costs associated with material disposal shall be included into the appropriate unit bid prices for the work.

5. JULIE Notification

The Contractor shall call the Joint Utility Locating Information for Excavators (JULIE) (1-800-892-0123 or 811), a minimum of forty-eight (48) hours in advance of work being done in the area in accordance with Article 107.39 of the Standard Specifications.

For utilities which are not members, excluding homeowners, the Contractor shall contact the owners directly. The Contractor will be required to cooperate with all utility companies and municipal agencies involved in connection with the removal, temporary relocation, reconstruction or abandonment by these agencies of any and all services.

No additional compensation will be allowed the Contractor for any expense incurred by complying with these requirements, or because of delays, inconvenience or interruptions in his work resulting from the failure of the municipal agencies or utility company to remove, relocate, reconstruct or abandon their services.

6. Notice to Bidders

All bid proposals must be submitted electronically through the Village's Vendor Registry online procurement system. **Hard copy bids will not be accepted.** As read results of the bids will be posted to the Village's webpage, www.vbg.org/bids as soon as possible following the bid opening. In order to submit a bid proposal, bidders

- a. Go to www.vbg.org/bids
- b. Select on the project description, '2024 Multi Use Path Project' and click the large red button at the top

- c. Log in to your account and enter your total bid.
- d. Include an attachment (up to 200 MB), the following bid documents only:
 - i. Local Public Agency Formal Contract Proposal
 - ii. Schedule of Prices
 - iii. Local Agency Proposal Bid Bond
- e. The following documents will be requested by the two (2) as read low bidders immediately following the bid opening:
 - i. Apprenticeship or Training Program Certification
 - ii. Affidavit of Illinois Business Office
 - iii. Affidavit of Availability
 - iv. Village of Buffalo Grove Public Contract Statements

All bids will be opened and read publicly via the Microsoft Teams video conferencing platform.

Please join on your computer, mobile app or room device

<https://rb.gy/oj8ojw>

Meeting ID: 270 741 646 536

Passcode: JFZXHb

7. Village Contractor Registration

All bidders are required to fully register with the Village of Buffalo Grove, including IRS Form W-9, at:

<https://vrapp.vendorregistry.com/Vendor/Register/Index/buffalo-grove-village-of-il-vendor-registration>

OR

www.vbg.org/bids

Select the link 'Register My Business'

Please contact Vendor Registry at (844) 802-9202 for assistance in the registration process.

The Village of Buffalo Grove reserves the right to reject any or all proposals if the bidder does not comply with the requirements as stated herein.

8. Completion Date

The Contractor shall commence the work to be performed under this contract, on or near Monday, Monday April 29, 2024. The work shall be prosecuted in such a manner and with such a supply of materials, equipment and labor as considered necessary to ensure its completion according to the time specified in the contract. The Contractor shall have ten (10) working days from the actual date the Contractor begins work to complete this project. All work shall be completed, regardless of what is awarded or the actual start date by **Friday, June 7, 2024**, including punch list items, as defined in Article 108.04 of the Standard Specifications.

In case of failure to complete the work on time, the provisions of Article 108.09 of the Standard Specifications shall apply following the calendar day schedule of deductions.

The estimated Village Board award date for this project is Monday, February 21, 2024.

9. Contract Sequencing

The Contractor shall notify the Engineer at least 72 hours in advance of beginning work and 48 hours prior to construction commencement on each subsequent segment. Construction operations shall be conducted in a manner such that streets will remain open to all traffic. At no time shall residents or business owners be kept out of their driveway over a weekend or holiday as defined in article 107.09 of the Standard Specifications.

Work shall be scheduled so that it is continuous on the various roadways. The Contractor and approved Subcontractor(s) shall, at all times, employ and provide sufficient labor, tools, equipment, and other incidental items for prosecuting the work to full completion in the manner and time required by the contract.

The proposed improvements included in Alternate 04 may require an IDNR permit. If awarded by the Village, the Contractor shall procure all permits, pay all charges and fees, and give all notices necessary in accordance with Article 107.04 of the Standard Specifications. No work shall be performed until all applicable permit requirements are fulfilled.

10. Construction Work Periods

Construction operations shall be completed in accordance with Article 107.09 of the Standard Specifications. All work shall be confined to the period beginning at 7:00 AM and ending at 6:00 PM on weekdays. No work shall be done on weekends or legal holiday periods as defined in Article 107.09 of the Standard Specifications.

Any work outside the allowed time periods specified including but not limited to, material deliveries, mobilization of equipment, warming up machinery, and mobilization of equipment, a penalty of \$1,000 per occurrence may be imposed.

11. Pre-Construction Meeting

Prior to commencing any construction operations, there shall be a pre-construction meeting. The Owner or Engineer will set the time and date of the meeting following Contract award.

The following shall be submitted by the Contractor for review at the pre-construction meeting:

A Progress Schedule in accordance with Article 108.02.

The 24-hour emergency phone number and contact information of the assigned Contractor's superintendent, or otherwise.

The name and 24-hour emergency phone number of the person in the direct employ of the Contractor who is responsible for administering the Traffic Control and Protection on the Contract

A list of subcontractors with contact information, including but not limited to name, phone number, and email address, and include quantity and type of work to be sublet for each respective subcontractor in accordance with Article 108.01 of the Standard Specifications.

A list of proposed sources of material.

Hot-mix asphalt and concrete mix designs, and respective quality control plans.

Any applicable shop drawing submittals.

12. Authority of the Engineer

Revise Article 105.01 Authority of Engineer to read:

"All work shall be done in accordance with the requirements of the Contract, the Engineer shall have the right, but not the obligation, to observe all work. The Engineer shall decide all questions that arise as to the interpretation of the Plans and Specifications and as to disputes and mutual rights between Contractors under the Specifications. The Engineer shall advise the Village of Buffalo Grove as to the quality and acceptability of materials furnished and work performed, rate of progress of the work, and acceptable fulfillment of the Contract. The Engineer

will determine the amount of materials furnished and work performed. The Engineer's advice and determinations shall be conditions precedent to the right of the Contractor to receive money due the Contractor under the Contract."

"The Engineer will notify the Contractor in writing if the work is to be suspended by the Village of Buffalo Grove wholly or in part due to the failure of the Contractor to carry out provisions of the contract; for failure to carry out orders; for such periods due to unsuitable weather; for conditions considered unsuitable for the prosecution of the work or for any other condition or reason deemed to be in the public interest."

"In case of failure on the part of the Contractor to execute work as directed by the Engineer, the Village of Buffalo Grove may, at the expiration of a period of 48 hours after giving notice in writing to the Contractor, proceed to execute such work as may be deemed necessary, and the cost thereof shall be deducted from compensation due or which may become due to the Contractor under the contract."

The Engineer shall not assume any of the responsibilities of the Contractor's superintendent or of subcontractors; shall not expedite the work for the Contractor; and shall not advise on, or issue directions concerning aspects of construction means, methods, techniques, sequences or procedures, or safety precautions in connection with the work.

13. Status of Utilities (D-1)

Effective: June 1, 2016
Revised: January 1, 2020

Utility companies and/or municipal owners located within the construction limits of this project have provided the following information regarding their facilities and the proposed improvements. The tables below contain a description of specific conflicts to be resolved and/or facilities which will require some action on the part of the Department's contractor to proceed with work. Each table entry includes an identification of the action necessary and, if applicable, the estimated duration required for the resolution.

UTILITIES TO BE ADJUSTED

Conflicts noted below have been identified by following the suggested staging plan included in the contract. The company has been notified of all conflicts and will be required to obtain the necessary permits to complete their work; in some instances, resolution will be a function of the construction staging. The responsible agency must relocate, or complete new installations as noted below; this work has been deemed necessary to be complete for the Department's contractor to then work in the stage under which the item has been listed.

No conflicts to be resolved.

UTILITIES TO BE WATCHED AND PROTECTED

The areas of concern noted below have been identified by following the suggested staging plan included for the contract. The information provided is not a comprehensive list of all remaining utilities, but those which during coordination were identified as ones which might require the Department's contractor to take into consideration when making the determination of the means and methods that would be required to construct the proposed improvement. In some instances, the contractor will be responsible to notify the owner in advance of the work to take place so necessary staffing on the owner's part can be secured.

No facilities requiring extra consideration.

The following contact information is what was used during the preparation of the plans as provided by the owner of the facility.

Agency/Company Responsible to Resolve Conflict	Name of Contact	Phone	E-mail address
AT&T Distribution	Janet Ahern Hector Garcia	(630) 573-6414 (630) 573-5465	Ja1763@att.com Hq2929@att.com
Comcast	Reena Thomas	(224) 229-5862	Reena_Thomas@comcast.com
ComEd	Terri Bleck		Terri.bleck@comed.com
Nicor Gas	Charles Parrott	(630) 388-3319	gasmaps@aglresources.com

The above represents the best information available to the Department and is included for the convenience of the bidder. The days required for conflict resolution should be considered in the bid as this information has also been factored into the timeline identified for the project when setting the completion date. The applicable portions of the Standard Specifications for Road and Bridge Construction shall apply.

Estimated duration of time provided above for the first conflicts identified will begin on the date of the executed contract regardless of the status of the utility relocations. The responsible agencies will be working toward resolving subsequent conflicts in conjunction with contractor activities in the number of days noted.

The estimated relocation duration must be part of the progress schedule submitted by the contractor. A utility kickoff meeting will be scheduled between the Department, the Department's contractor and the utility companies when necessary. The Department's contractor is responsible for contacting J.U.L.I.E. prior to all excavation work.

14. Existing Hardscape

Any damage to existing hardscape from tracked equipment or due to the Contractor's negligence, workmanship, or neglect shall be replaced at the Contractor's expense. It is recommended rubber tired or rubber-tracked equipment is used. Any unwarranted disturbance to the existing hardscape to remain will warrant repairs made joint to joint and in conformance with the contract documents. The Engineer and Village shall determine the limits of removal and replacement, and all work shall be completed to their satisfaction.

Access to the project site shall be permitted only from Checker Drive. The Contractor shall protect existing facilities by means and methods acceptable to the Engineer. All costs associated to comply with this specification shall be considered as included in the unit prices bid and no additional compensation shall be allowed.

15. Protection of Mailboxes

The Contractor shall take all necessary precautions when working near mailboxes within or adjacent to the project limits. If at the Contractor's discretion, a mailbox will interfere with construction operations, a temporary mailbox shall be located per the United States Postal Service requirements and the permanent mailbox reinstalled following said operation. At no time shall a resident be without a mailbox or not receive mail due to a mailbox being removed, replaced or damaged. The Contractor shall replace, at no additional cost to the Owner, any mailbox or post which has been damaged by the Contractor's operations due to neglect, misconduct or poor workmanship. The cost of all materials required and all labor necessary to comply with this specification herein will not be paid for separately but shall be considered as included in the unit prices bid and no additional compensation shall be allowed.

The Contractor must maintain access for both residents and mail carriers to all mailboxes throughout the duration of the project.

16. Saw Cutting

The Contractor shall be required to perform a perpendicularly straight joint by full-depth machine sawing of all proposed items to be removed prior to removal operations to prevent damage or spalling to existing hardscape to remain. Simple or partial depth scoring shall not be permitted. Saw cut locations may or may not be shown on the plans, however, shall be required in the field. All sawcut slurry, regardless of the amount, shall be promptly removed to prevent tracking. Any slurry tracked or left on surfaces to remain shall be thoroughly cleaned or replaced, at the direction of the Village or Engineer, by the Contractor at no additional cost to the Village.

The Contractor shall replace, at no additional cost to the Village, any hardscape, outside of the limit of improvements, damaged by the Contractor's operations due to neglect, misconduct, or poor workmanship.

17. Use of Fire Hydrants

The indiscriminate use of fire hydrants is strictly prohibited. The Contractor can obtain non-potable water in bulk at no charge at the Buffalo Grove Public Works Department, 51 Raupp Blvd. The Contractor shall provide a water truck or containment and driver to obtain and transport the water. All water obtained from the Village shall be used for this project only. If deemed necessary, the Village reserves the right to restrict or refuse the use of Village water. The Contractor will be responsible for executing the required paperwork and follow all requirements of the Village. If it is determined that the Contractor or its subcontractors operate or use a Village fire hydrant, a monetary penalty of \$1,000 per occurrence that will be imposed.

18. Dust Control

The Contractor shall be required to control dust or air-borne dirt resulting from construction operations by utilizing a mechanical street sweeper on all pavement within or adjacent to the project work zone throughout the duration of the project. The resulting debris shall be disposed of off-site in accordance with Article 202.03 of the Standard Specifications. Individual fire hydrant use shall not be permitted to control dust at specific locations. The Contractor shall provide dust control operations daily or as directed by the Engineer.

The cost of this work shall be included in the unit prices bid and no additional compensation shall be allowed to control dust as specified herein.

19. Traffic Control Plan

Effective: September 30, 1985

Revised: January 1, 2007

Traffic Control shall be according to the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highway Standards contained in the plans, and the Special Provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control.

Delays to the Contractor caused by complying with these requirements will be considered included in the cost of the contract, and no additional compensation will be allowed.

Standards

701006, 701301, 701501, 701801 and 701901

Details

701006-05 Off-Rd Operations, 2L, 2W, 15' to 24" From Pavement Edge

701301-04 Lane Closure, 2L, 2W, Short Time Operations

701501-06 Urban Lane Closure 2L, 2W, Undivided

701801-06 Sidewalk, Corner or Crosswalk Closure

701901-08 Traffic Control Devices

TC-10 Traffic Control and Protection for Side Roads, Intersections and Driveways

Special Provisions

Dist 1 - Maintenance of Roadways

LRS 3 – Work Zone Traffic Control Surveillance

LRS 4 – Flaggers in Work Zones

BDE – Work Zone Traffic Control Devices

20. Maintenance of Roadways

Effective: September 30, 1985

Revised: November 1, 1996

Beginning on the date that the Contractor begins work on this project, he shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided for in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

21. Use of the Work Site

Contractor shall use the Work Site solely to complete the Work and such related activities as may be authorized or directed by the Village. Except as provided herein, Contractor shall not (nor shall Contractor cause or permit any employee or person under Contractor's control) to display or broadcast commercial, political, or religious messages or advertisements of any nature at the Work Site or in connection with the Work. The foregoing shall not be construed to prohibit the following at the Work Site or in connection with the Work: (a) the use of equipment, materials, or other items (e.g. personnel uniforms and clothing) that identify the Contractor (such as by displaying the Contractor's name, logo, slogan, contact information, or similar messages) or that identify the maker or supplier of such equipment, material, or item; or (b) the use or display of signs, flags, cones, traffic control devices, markers, or other similar devices that reasonably relate to the Work, Work Site safety, public safety, or regulatory compliance; or (c) personal speech, religious practice, or expression by any individual performing Work or at the Work Site; or (d) upon written approval or direction of the Village, the display of information regarding the sponsor of the Work or funding sources for the Work.

In addition, Contractor shall not (nor shall Contractor require or permit its personnel, subcontractors, or subcontractors' personnel to) conduct any prohibited political activity at the Work Site or while performing the Work. Contractor and its personnel or subcontractors (including any subcontractor's personnel) shall not intentionally or knowingly use the Work Site or any other property or resources of the Village in connection with any prohibited political activity. For purposes of this section, the term "prohibited political activity" shall have the meaning set forth in Section 5 of the State Officials and Employees Ethics Act, 5 ILCS 430/1-5.

22. Indemnification

To the fullest extent permitted by law, the Contractor agrees to defend, pay on behalf of, indemnify, and hold harmless the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village against any and all claims, demands, suits or loss, including all costs connected therewith, and for any damages which may be asserted, claimed or recovered against or from the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village, by reason of personal injury, including bodily injury and death, and/or property damage, whether damage to property of the Village or of a third party, including loss of use thereof, which arises out of or is in any way connected or associated with the Contract and the Work.

For this project, the Village also hired a Consultant, Gewalt Hamilton Associates. The Contractor shall indemnify the Consultant in the same manner as the Village, as stated above.

23. Insurance Requirements

12.04.080 - Insurance.

A. Required Coverages and Limits. Unless otherwise provided by franchise, license, or similar agreement, each Contractor occupying right-of-way or constructing any facility in the right-of-way shall secure and maintain the following liability insurance policies insuring the Contractor as named insured and naming the Village, and its elected and appointed officers, officials, agents, and employees and Gewalt Hamilton Associates, Inc. and employees as additional insureds on the policies listed in subsection (A)(1) and (A)(2) of this section:

1. Commercial general liability insurance, including premises-operations, explosion, collapse, and underground hazard (commonly referred to as "X," "C," and "U" coverages) and products-completed operations coverage with limits not less than:
 - a. Five million dollars for bodily injury or death to each person,
 - b. Five million dollars for property damage resulting from any one accident, and
 - c. Five million dollars for all other types of liability;
2. Automobile liability for owned, non-owned and hired vehicles with a combined single limit of one million dollars for personal injury and property damage for each accident;
3. Worker's compensation with statutory limits; and
4. Employer's liability insurance with limits of not less than one million dollars per employee and per accident.

If the Contractor is not providing such insurance to protect the contractors and subcontractors performing the work, then such contractors and subcontractors shall comply with this section.

B. Excess or Umbrella Policies. The coverages required by this section may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that

when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.

- C. **Copies Required.** The Contractor shall provide copies of any of the policies including all endorsements or certificates required by this section to the Village within ten calendar days following receipt of a written request therefor from the Village.

- D. Maintenance and Renewal of Required Coverages. The insurance policies required by this section shall contain the following endorsement:

"It is hereby understood and agreed that this policy may not be canceled nor the intention not to renew be stated until thirty (30) calendar days after receipt by the Village, by registered mail or certified mail, return receipt requested, of a written notice addressed to the Village Manager of such intent to cancel or not to renew."

Within ten (10) calendar days after receipt by the Village of said notice, and in no event later than ten (10) calendar days prior to said cancellation, the Contractor shall obtain and furnish to the Village evidence of replacement insurance policies meeting the requirements of this section.

- E. Self-Insurance. A Contractor may self-insure all or a portion of the insurance coverage and limit requirements required by subsection A of this section. A Contractor that self-insures is not required, to the extent of such self-insurance, to comply with the requirement for the naming of additional insureds under subsection A of this section, or the requirements of subsections B through D of this section. A Contractor that elects to self-insure shall provide to the Village evidence sufficient to demonstrate its financial ability to self-insure the insurance coverage and limit requirements required under subsection A of this section, such as evidence that the Contractor is a "private self-insurer" under the Workers Compensation Act.
- F. Effect of Insurance and Self-Insurance on Contractor's Liability. The legal liability of the Contractor to the Village and any person for any of the matters that are the subject of the insurance policies or self-insurance required by this section shall not be limited by such insurance policies or self-insurance or by the recovery of any amounts thereunder.
- G. Insurance Companies. All insurance provided pursuant to this section shall be effected under valid and enforceable policies, issued by insurers legally able to conduct business with the licensee in the State of Illinois. All insurance carriers and surplus line carriers shall be rated "A-" or better and of a class size "X" or higher by A.M. Best Company.
- H. Verification of Coverage. **Contractor shall furnish the Village with certificates of insurance naming the Village, its officials, agents, employees, and volunteers as additional insured's and with original endorsements, affecting coverage required herein.** The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the Village before any work commences. The Village reserves the right to request full certified copies of the insurance policies and endorsements.
- I. Subcontractors. Contractor shall include all subcontractors as insured's under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage's for subcontractors shall be subject to all of the requirements stated herein.
- J. Assumption of Liability. The contractor assumes liability for all injury to or death of any person or persons including employees of the contractor, any subcontractor, any supplier or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to the Contract.
- K. Workers' Compensation and Employers' Liability Coverage. The insurer shall agree to waive all rights of subrogation against the Village of Buffalo Grove, its officials, employees, agents and volunteers for losses arising from work performed by Contractor for the municipality.
- L. Failure to Comply. In the event the Contractor fails to obtain or maintain any insurance coverage's required under this contract, The Village may purchase such insurance coverage's and charge the expense thereof to the Contractor.

Nothing contained herein is intended to constitute, nor shall it constitute a waiver of the rights, defenses and/or other immunities provided or available to the Village under law including, but not limited to, the Local Governmental and Governmental Employees Tort Immunity Act.

24. Accidents

In the event of any accident of any kind that involves the general public or property of the Village or a third party, the Contractor shall immediately notify the Village by phone as well as provide Notice of the same. The Notice shall include a full accounting of all details of the

accident. The Contractor shall furnish the Village with copies of all reports of such accidents at the same time that the reports are forwarded to any other interested parties.

25. No Assignment

If the Contractor sublets or assigns any part of the Work then the Contractor shall not under any circumstances be relieved of its liabilities hereunder. All transactions of the Village shall be with the Contractor. Subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence. The Contractor shall not assign, transfer, convey, sell or otherwise dispose of the whole or any part of this Contract to any person, firm or corporation without written consent of the Village or authorized representative.

26. Default

The following shall constitute a default an “**Event of Default**” by the Contractor under this Contract:

- A. If the Contractor shall fail to strictly observe or perform one or more of the terms, conditions, covenants and agreements of this Contract;
- B. If there shall be placed on any property owned by the Village any mechanics', materialmens' or suppliers' lien;
- C. If there shall be instituted any proceeding against the Contractor seeking liquidation, dissolution or similar relief and the same shall not be dismissed within forty-five (45) calendar days;
- D. If there shall be appointed any trustee, receiver or liquidator of the Contractor and such appointment shall not have been vacated within forty-five (45) calendar days; and
- E. If the Contractor fails to maintain or obtain any and all permits, licenses and the like, if any, required by the Village, State or Federal governments for the Work.

Upon any Event of Default the Village shall have the option of (i) terminating the Contract; (ii) pursuing any remedy available to it at law or in equity; or (iii) pursuing both simultaneously. In addition, upon an Event of Default, the Village may withhold payments due to the Contractor until it has hired a replacement of the Contractor and deducted all costs of hiring a replacement.

27. Delays

The Contractor shall not be liable in damages for delays in performance when such delay is the result of fire, flood, strike, acts of God, or by any other circumstances which are beyond the control of the Contractor; provided, however, under such circumstances the Village may, at its option, cancel the Contract.

28. Compliance With Laws

The Contractor shall comply with all applicable laws, regulations and rules promulgated by any federal, state, local, or other governmental authority or regulatory body pertaining to all aspects of the Work, now in effect, or which may become in effect during the performance of the Work. The scope of the laws, regulations, and rules referred to in this paragraph includes, but is in no way limited to, the Illinois Human Rights Act, Illinois Equal Pay Act of 2003, Occupational Safety & Health Act along with the standards and regulations promulgated pursuant thereto (including but not limited to those safety requirements involving work on elevated platforms), all forms of traffic regulations, public utility, Interstate and Intrastate Commerce Commission regulations, Workers' Compensation Laws, Public Construction Bond Act, Public Works Preference Act, Employment of Illinois Workers on Public Works Act, USA Security Act, federal Social Security Act (and any of its titles), and any other law, rule or regulation of the Illinois Department of Labor, Department of Transportation, Illinois Environmental Protection Act, Illinois Department of Natural Resources, Illinois Department of Human Rights, Human Rights Commission, EEOC, and the Village of Buffalo Grove. Notwithstanding the following, the Contractor shall particularly note that:

A. NO DISCRIMINATION – The Contractor shall comply with the provisions of the Illinois Public Works Employment Discrimination Act and the Illinois Human Rights Act/Equal Opportunity Clause which, pursuant to Illinois law, are deemed to be part of this Contract.

B. FREEDOM OF INFORMATION - The Contractor agrees to furnish all documentation related to the Contract, the Work and any documentation related to the Village required under an Illinois Freedom of Information Act (ILCS 140/1 et. seq.) ("FOIA") request within five (5) calendar days after the Village issues Notice of such request to the Contractor. The Contractor agrees to defend, indemnify and hold harmless the Village, and agrees to pay all reasonable costs connected therewith (including, but not limited to attorney's and witness fees, filing fees and any other expenses) for the Village to defend any and all causes, actions, causes of action, disputes, prosecutions, or conflicts arising from Contractor's actual or alleged violation of FOIA or the Contractor's failure to furnish all documentation related to a FOIA request within five (5) calendar days after Notice from the Village for the same. Furthermore, should the Contractor request that the Village utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Contractor agrees to pay all costs connected therewith (such as attorneys' and witness fees, filing fees and any other expenses) to defend the denial of the request. This defense shall include, but not be limited to, any challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction.

C. ILLINOIS WORKERS ON PUBLIC WORKS ACT - To the extent applicable, the Contractor shall comply with the Illinois Workers on Public Works Act, 30 ILCS 570/1 et seq., and shall provide to the Village any supporting documentation necessary to show such compliance.

D. NOT A BLOCKED PERSON - The Contractor affirms and covenants that neither the Contractor nor any individual employed by the Contractor for this Work or under this Contract is a person forbidden from doing business with a unit of local government under Executive Order No. 13224 (Sept 23, 2001), 66 Fed.Reg. 49,079 (Sept 23, 2001) or is a person registered on the Specially Designated Nationals and Blocked Persons List. The Contractor shall indemnify the Village from all costs associated with failure to comply with this paragraph.

E. SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS ACT - The Contractor knows, understands and acknowledges its obligations under the Substance Abuse Prevention on Public Works Act (820 ILCS 265/1 et seq.), and shall comply and require all subcontractors and lower tiered contractors to comply with the requirements and provisions thereof.

29. No Waiver of Rights

A waiver by the Village of any Event of Default or any term of provision of this Contract shall not be a waiver of the same Event of Default, another Event of Default or any other term or provision of this Contract.

30. Termination of the Contract

Voluntary Termination. Notwithstanding any other provision hereof, the Village may terminate this Contract during the Initial Term with or without cause, at any time upon thirty (30) calendar days prior written notice to the Contractor.

Termination for Breach. Either party may terminate this Contract upon written notice to the other party following material breach of a material provision of this Contract by the other party if the breaching party does not cure such breach within fifteen (15) calendar days of receipt of written notice of such breach from the non-breaching party.

31. Controlling Law and Venue

This Contract is entered into in the State of Illinois, for work to be performed in the State of Illinois and shall be governed by and construed in accordance with the laws of the State of Illinois. Any legal matters or dispute shall be resolved in the Circuit Court of Cook County and the Parties hereby submit to the jurisdiction of such Circuit Court. This Contract shall be construed without regard to any presumption or other rule requiring construction against the Party causing the Contract to be drafted.

32. Miscellaneous

A. AMENDMENT – This Contract may be amended only in writing executed by both Parties.

B. NO RECORDING – This Contract, or a memorandum thereof, may not be recorded in any form by either Party. If either Party records this Contract, or a memorandum thereof, they shall immediately file a release of the same.

C. SECTION HEADINGS – The headings in the Contract are intended for convenience only and shall not be taken into consideration in any construction or interpretation of the Contract.

- D. NO THIRD PARTY BENEFICIARIES** – This Contract does not confer any rights or benefits on any third party.
- E. BINDING EFFECT** – This Contract shall be binding and inure to the benefit of the Parties hereto, their respective legal representatives, heirs and successors-in-interest.
- F. ENTIRE AGREEMENT** – This Contract supersedes all prior agreements and understandings and constitutes the entire understanding between the Parties relating to the subject matter hereof.
- G. SEVERABILITY** - If any term, condition or provision of the Contract is adjudicated invalid or unenforceable, the remainder of the Contract shall not be affected and shall remain in full force and effect, to the fullest extent permitted by law.
- H. TORT IMMUNITY DEFENSES** - Nothing contained in this Contract is intended to constitute nor shall constitute a waiver of the rights, defenses, and immunities provided or available to the Village under the Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10 *et seq.*

33. Application For Payment

At least once each month, the Engineer will make a written estimate of the quantity of work performed in accordance with the Contract, and the value thereof at the contract unit prices according to Article 109.02 of the Standard Specifications. For each pay period, the quantity cut off will be the first Saturday of each month. During the second week, the Engineer and Contractor will agree to the quantities completed to-date. The Contractor shall submit an agreed upon invoice electronically to the Engineer by the end of the working day of the third Monday of the month. The Village will begin their payment process and will result in the review of the payment at the next regularly scheduled Village Board meeting. Prior to the release of payment, the Contractor shall submit electronically, all certified payroll reports, applicable waivers, and a notarized and signed clarifying statement for Village Attorney review and subsequent approval. Prior to the release of the check, hard-copies of all applicable waivers and the clarifying statement shall be received by the Village.

All payments under this Contract must be approved by the Village Board at a regularly scheduled meeting. The Village reserves the right to request any receipts, invoices, proof of payments as the Village, in its sole discretion, may deem necessary to justify the payment requested prior to paying the requested payment. A Final Lien Waiver from the Contractor, its subcontractors, and all material suppliers shall be furnished with the final application for payment.

The Contractor acknowledges that the Village is a unit of local government and that all payments under the Contract are subject to the Local Government Prompt Payment Act, 50 ILCS 505 *et seq.* To that extent, the Village shall have forty-five calendar (45) days from receipt of a bill or invoice to pay the same before it is considered late under the Contract. Interest, if any, charged for any late payments will be subject to the interest rate caps specified in the Prompt Payment Act.

34. Retainage and Waivers

The Village of Buffalo Grove has the option to retain from the amount due to the Contractor a maximum of ten percent (10%) from each pay request. The Contractor may request the retainage be reduced and provide reasoning for such reduction in writing to the Village. The Village has the option to accept or deny the request and shall be considered final. The retainage may be held until the Village determines the project to be final and accepted, at which time any warranty or maintenance period shall commence.

The Contractor shall submit, for each pay request submittal, original partial or final waivers from all subcontractors and material suppliers for the work payment is requested from the Village; trailing waivers will not be permitted. The Village will not remit payment to the Contractor until all original hard-copies of waivers for the work the Contractor is requesting payment for are received and reviewed. To help expedite the process, the Village is willing to review draft waivers after the invoice has been submitted for the pay request. When the draft waivers are reviewed and found acceptable, and the check is cut according to the Village's Warrant schedule, then the check and final waivers can be exchanged accordingly.

35. Certified Payroll Reports

Pursuant to PA 100-1177 the Illinois Department of Labor (IDOL) has activated an electronic database (Payroll Portal) capable of accepting and retaining certified payrolls submitted under the State of Illinois Prevailing Wage Act (820 ILCS/130/1). All contractors and subcontractors completing work for the Village of Buffalo Grove pursuant to the Act must submit all certified payroll through the IDOL Payroll Portal.

The Village is an Illinois unit of local government and the Work hereunder is subject to the Illinois Prevailing Wage Act, 820 ILCS 130/0.01, et seq. Consequently, the Contractor and each subcontractor shall submit with their application for payment(s) the email certification received from their IDOL Payroll Portal submittal with each of their pay requests. Any delay in processing the payments due to a lack of aforementioned email certification shall not be an event of default by the Village and shall not excuse any delay by the Contractor who shall proceed with the Work as if no delay in payment has occurred. The Contractor and Village shall agree to take any further steps not outlined above to ensure compliance with the Prevailing Wage Act. Upon two business days' Notice, the Contractor and each subcontractor shall make available to the Village their records to confirm compliance with the Prevailing Wage Act. Finally, to ensure compliance with Prevailing Wage Act, the Contractor and each subcontractor shall keep for a period of not less than 5 years after the Work has been completed records of all laborers, mechanics, and other workers employed by them for the Work; the records shall include each worker's name, address, telephone number, classification or classifications, the hourly wages paid in each period, the number of hours worked each day, the starting and ending times of work each day and, when available, last four digits of the social security number. The Contractor shall provide a list of every name, address, phone number and email of every sub-contractor for the Work.

If the contractor must submit the payroll to the Village of Buffalo Grove for reasons outside of their control, the Village requests that the Contractor submit all certified payroll reports, including subcontractors, and EEO reporting be sent electronically in separate files for each respective Contractor/subcontractor with the weeks ending date in the file name to kjohnson@vbg.org (i.e. Contractor Name Week Ending.pdf) as shown in the sample letter in Exhibit D.

The Contractor is responsible for providing all records in accordance with the Illinois Department of Labor's (IDOL) requirements pertaining to the Prevailing Wage Act on the standard IDOL form. Only the last four (4) digits of the employee's social security number will be required; the remaining digits shall be "X" or redacted. To complete the certified payroll request for release of payment, the Contractor must supply a signed and notarized written statement that all necessary documentation has been turned over for the pay period pertaining to that payment requested.

Under P.A. 98-0328, the public body must retain copies of the certified payroll for 5 years rather than 3 years as was the case previously. The Illinois Department of Labor (IDOL) has created model certified payroll forms which can be found at the IDOL website www.illinois.gov/idol. the new form consists of three pages identified as the "certified transcript of payroll affidavit" and "certified transcript of payroll instructions". The new forms on the IDOL website can be filled in online and then printed out. under P.A. 98-0482, contractors and subcontractors will have to provide additional information with respect to working hours, wage rates, overtime rates and fringe benefits. The IDOL's model certified payroll forms are the most current forms for compliance with P.A. 98-0482 and should be used in public works contracts.

36. Monetary Penalties

All work shall be completed in accordance with the Contract Documents in a reasonable and timely manner. For each occurrence that work is not completed in a reasonable and timely manner, a monetary penalty will be deducted from the final pay application. The Contractor shall make themselves and all subcontractors aware of the following deficiency and deductions:

Description	Penalty	Per Occurrence
Failure to Sweep Roadway	\$2,000	Calendar Day
Failure to Maintain Trench	\$250	Calendar Day
Failure to Adhere to Period of Establishment Requirements	\$250	Calendar Day
Distributing Unapproved Resident Notices	\$100	Household
Failure to Distribute Notices in a Timely Manner	\$100	Household
Failure to Distribute Notice to Resident	\$100	Household
Failure to Provide Access in a Timely Manner	\$250	Household Per Day
Failure to Provide Weekly Update to Engineer	\$1,000	Per Occurrence
Failure to Attend a Scheduled Weekly Meeting	\$1,000	Per Occurrence
Failure to Respond in a Timely Manner to a Resident	\$250	Calendar Day
Failure to Ramp Roadway or Driveway	\$250	Household/Roadway Per Day
Use of Fire Hydrant or Valve	\$1,000	Each

Failure to Provide Maintenance of Roadway in a Timely Manner as Determined by the Engineer	\$1,000	Calendar Day
Entering Private Property	\$500	Per Occurrence
Failure to Provide Portable Facilities	\$100	Calendar Day
Illicit Discharge of Silt or Construction Debris	\$1,000	Per Occurrence
Failure to Submit Shop Drawings on Time	\$500	Per Occurrence
Failure to Maintain Erosion and/or Sediment Control Devices	\$1,000	Per Occurrence
Working Outside Allowable Work Hours	\$1,000	Per Occurrence

At the discretion of the Engineer and without notice, the Contractor shall have deducted the monetary penalty amount as listed above for each occurrence on the final pay application.

37. Public Notification

The Contractor shall be required to provide and distribute letters to residents or business owners anytime access will be affected to a home or utility service is interrupted. This general condition shall only apply when access will be directly affected for greater than four (4) hours, or as directed by the Engineer. Public notification shall not be required for every residence within the project limits.

Letters shall be typed on standard 8.5" x 11" paper and an envelope may or may not be used. All letters, including those written and distributed by a subcontractor, shall be printed on the General Contractor's letterhead and shall include the name, address, and telephone number of the General Contractor's person in charge.

Letters shall be taped to a non-painted surface using painters tape or approved equal, and will be placed in as many locations as needed to ensure they will be visible to residents. Distributing letters via mailbox is discouraged, however, must be compliant with all United States Postal Service federal regulations. Notification letters shall include but is not limited to the following:

- Exact day and time work is to begin that will affect access (weather permitting).
- How the resident will know they may resume normal access to their property.
- The anticipated length of the closure (no more than one week will be permitted).
- Specific location where parking is permitted, both overnight and during the working day (as signed and normally permitted during daytime).
- The Village of Buffalo Grove Police Department has been notified that overnight parking will be permitted. (It shall be the responsibility of the Contractor to confirm this with the Village.)
- The Contractor will go door-to-door the moment prior to work is to begin to ensure all accommodations are made.
- General Contractor's person in charge name and contact information for additional information or specific requests.
- If applicable, provide Resident flushing procedures (following reconnection of the water service, resident to flush inside of the house via the bath or utility sink for ten minutes prior to consumption).

Notification letters shall be distributed a minimum of 24 hours prior to access being affected or otherwise. If this requirements is not met, work shall not commence. **All letters must be approved by the Village or Engineer prior to and for each individual distribution.** Additional letters may be required when weather or other unforeseen circumstances change the schedule. When requested, the Contractor is required to return or provide correspondence from a resident within 24 hours.

Under special circumstances, the Village, may choose to write a notification letter and the Contractor shall still be responsible for delivering the letter as specified herein. An example of a resident notification letter can be found in Appendix A.

The Contractor must comply with all of the above-mentioned statements otherwise a monetary penalty of \$100 per household, per calendar day shall be imposed.

38. Maintenance Bond

The Contractor will be required to post a Maintenance Bond for a period of One Year (1-yr) from date of final acceptance by the Village. Final acceptance will be the date the Final Payment is made to the Contractor. The bond shall be in a form acceptable to the Village in the amount of 10% (ten percent) of the awarded contract value. Unless under emergency situations, the Village will offer the Contractor the ability to fix

or repair any item prior to the bond being called. If the Contractor elects to perform the repairs themselves, all work must be complete within 14 calendar days of notice from the Village or the Village reserves the right to perform the repairs themselves.

The Maintenance Bond shall cover all necessary repairs or replacements as deemed necessary by the Village due to poor workmanship, failed materials, settlement of trenches, excessively spalled, chert popped or cracked concrete, storm and water main failures, restoration establishment, and other items as completed by the Contractor.

All required pavement repairs shall be from curb line to the nearest cold joint. Pavement repairs shall have all joints routed and filled with crack seal material including along the edge of pavement 1 month after installation.

If the Contractor elects to not perform the repairs or does not perform them in the time allotted the Village will perform the work and collect from the bond any damages incurred by the Village to perform the repairs.

Special Provisions

1. Tree Root Pruning

This work shall include all labor, material, and equipment necessary to prune existing tree roots in accordance with Section 201 of the Standard Specifications and as specified herein.

Following the complete removal of a sidewalk section, all exposed tree roots shall be pruned or ground down to a depth of twelve (12) inches below the existing path subgrade. This work shall not commence until an approved self-propelled, walk behind stump grinder is on site. Additional hand work may be required with a saw or axe. No roots shall be ripped, pulled, or torn.

The resulting material from tree root pruning operations shall be removed and disposed of off-site according to Article 202.03

This work will be measured in place and paid for at the contract unit price per (EA) for TREE ROOT PRUNING, which price shall include all labor, material, and equipment required to complete the work as specified herein. Tree root pruning will be measured for payment as each per tree, regardless of how many actual tree roots are pruned for each.

2. Aggregate Base Course, Type B

This work shall include all labor, material, and equipment necessary to furnish and place aggregate base course on a prepared subgrade or subbase in accordance with Section 351 of the Standard Specifications and as specified herein.

Following asphalt surface removal, the subgrade shall be prepared according to Section 301, except Article 301.12 will not apply. Any void resulting from tree root pruning operations as specified herein and additional aggregate material shall be placed and compacted to meet the proposed adjacent lines and grades as directed by the Engineer.

The material used for this item shall be exclusively IDOT certified Class B course aggregate material meeting the gradation of CA-6 in accordance with Section 1004 of the Standard Specifications. Crushed concrete may be used as specified herein but shall be an IDOT approved material.

All aggregate shall be compacted to 95% modified proctor density conforming to ASTM D-1557 or AASHTO T-180.

This work will be measured in place and paid for at the contract unit price per ton (TN) for AGGREGATE BASE COURSE, TYPE B, which price shall include all labor, material, and equipment required to complete the work as specified herein.

3. General Landscape Restoration (Special)

This work shall include all labor, material, and equipment necessary to furnish, place, and maintain pulverized topsoil, seed, fertilizer nutrients, and erosion control blanket in accordance with Section(s) 211, 250, and 251 of the Standard Specifications and as specified herein.

Pulverized topsoil shall be placed to a maximum depth of four (4) inches and not be placed until the area has been shaped, trimmed, and finished to the lines and grades as directed by the Engineer. All irregularities, depressions, or high points in the surface shall be filled or smoothed out before topsoil is placed. The surface of the topsoil shall be blended to match the existing terrain and adjacent hardscape, and be free from clods, stones, sticks, and debris.

The Contractor shall furnish and place IDOT Class 1A salt tolerant lawn mixture, produced and tested in the current year, be of good quality, and free of weeds. Nitrogen and potassium fertilizer nutrients shall be applied at a 1:1 ratio in accordance with Article 250.04 of the Standard Specifications (phosphorus is not permitted). Within 24 hours of seed placement, erosion control blanket shall be installed in accordance with Article 251.04 of the Standard Specifications.

It is recommended that the Contractor water the area every other day at a rate of three (3) gallons per square yard, however, it is the sole and exclusive responsibility of the Contractor to make required adjustments to the watering rate or schedule.

To be acceptable for final payment, the landscaped areas shall undergo a 30-day period of establishment beginning on the last day that seed is sowed. During this period, the Contractor shall be responsible for, at no additional cost to the Village, watering, removing weeds and maintaining the seeded areas and repairing any damage to the seeded areas due to but not limited to, errant vehicles, severe weather or all other causes. At the end of the 30-day period of establishment, the Owner or Engineer will inspect the landscaped area and if deemed

unsatisfactory, the Contractor shall be required to provide means and methods necessary to establish a live, healthy turf area. Should the seed not germinate because of prevailing cool weather, the period of establishment may be adjusted as determined by the Engineer. It shall be the sole and exclusive responsibility of the Contractor, not the Engineer, for maintaining and monitoring the landscape restoration during the period of establishment. If the placed landscape restoration has not been approved by the Owner or Engineer sixty (60) calendar days following installation, the Contractor will incur a monetary penalty of \$250 per calendar day.

Planting times shall be performed when the ambient temperature has been between 45°F and 80°F for a minimum of seven (7) consecutive days and is forecasted to be the same for the next five (5) days according to the National Weather Service.

The Contractor shall provide the Engineer with proper documentation on the landscaping materials supplied to the project such as topsoil source, topsoil certification, fertilizer bags, seed tags, and seed bags.

Upon placement of topsoil, seed, fertilizer nutrients, and mulch, 75 percent of each respective pay item will be paid. Upon final acceptance of the topsoil, seed, fertilizer nutrients, and mulch placed, the remaining 25 percent of each respective pay item will be paid.

The Village may postpone permanent seeding operations if deemed necessary. In such an event, the completion date may be extended accordingly.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for GENERAL LANDSCAPE RESTORATION (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

4. Clearing and Grubbing (Special)

This work shall include all labor, material, and equipment necessary to remove and dispose of all obstructions marked by the Engineer in accordance with Section 201 and 202 of the Standard Specifications and as specified herein.

Clearing shall consist of the removal and disposal of all obstructions such as fences, walls, foundations, buildings, accumulations of rubbish of whatever nature and existing structures, the removal of which is not otherwise provided for in Article 501.05; all logs, shrubs, bushes, saplings, grass, weeds, other underbrush vegetation and stumps of a diameter less than 6 in.

All saplings, bushes and roots shall be removed to a depth of not less than 12 in. below the elevation of the subgrade, the finished grade surface, or the ground line, and at least below the bottom of the subbase material.

Materials shall be disposed of off-site according to Article 202.03 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per lump sum (LS) for CLEARING AND GRUBBING (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

5. Stabilized Limestone Pathway, 3"

This item shall include all labor, material, and equipment necessary to furnish and place one course of aggregate in accordance with Section 402 of the Standard Specifications and at the direction of the Engineer.

The new aggregate surface course shall be limited to limestone screenings, gradation FA 5, in accordance with Article 1003.04 of the Standard Specifications. Any material deemed incompatible according to Article 1003.01(d) of the Standard Specifications will be rejected.

The aggregate surface course shall be constructed according to Articles 351.05(a) and 351.05(b) except that the bearing ratio requirements and the use of a central mixing plant to add moisture will be waived.

Water may be added at the job site to obtain density. The aggregate shall be compacted to not less than 95% of the standard density.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for STABILIZED LIMESTONE PATHWAY, of the depth specified, which shall include all labor, materials, and equipment required to complete the work as specified herein.

IDOT District One - Special Provisions

1. Friction Aggregate (D-1)

Effective: January 1, 2011

Revised: December 1, 2021

Revise Article 1004.03(a) of the Standard Specifications to read:

"1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA). The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	<u>Allowed Alone or in Combination</u> ^{5/} : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA Low ESAL	Stabilized Subbase or Shoulders	<u>Allowed Alone or in Combination</u> ^{5/} : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{1/} Crushed Concrete
HMA High ESAL Low ESAL	Binder IL-19.0 or IL-19.0L SMA Binder	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete ^{3/}
HMA High ESAL Low ESAL	C Surface and Binder IL-9.5 IL-9.5FG or IL-9.5L	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/} Crushed Concrete ^{3/}
HMA High ESAL	D Surface and Binder IL-9.5 or IL-9.5FG	<u>Allowed Alone or in Combination</u> ^{5/} : Crushed Gravel Carbonate Crushed Stone (other than Limestone) ^{2/} Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag ^{4/}

Use	Mixture	Aggregates Allowed								
		<u>Other Combinations Allowed:</u> <table><tr><th>Up to...</th><th>With...</th></tr><tr><td>25% Limestone</td><td>Dolomite</td></tr><tr><td>50% Limestone</td><td>Any Mixture D aggregate other than Dolomite</td></tr><tr><td>75% Limestone</td><td>Crushed Slag (ACBF) or Crushed Sandstone</td></tr></table>	Up to...	With...	25% Limestone	Dolomite	50% Limestone	Any Mixture D aggregate other than Dolomite	75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone
Up to...	With...									
25% Limestone	Dolomite									
50% Limestone	Any Mixture D aggregate other than Dolomite									
75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone									
HMA High ESAL	E Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crushed Gravel Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone. <u>Other Combinations Allowed:</u> <table><tr><th>Up to...</th><th>With...</th></tr><tr><td>50% Dolomite^{2/}</td><td>Any Mixture E aggregate</td></tr><tr><td>75% Dolomite^{2/}</td><td>Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone</td></tr><tr><td>75% Crushed Gravel^{2/}</td><td>Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag</td></tr></table>	Up to...	With...	50% Dolomite ^{2/}	Any Mixture E aggregate	75% Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone	75% Crushed Gravel ^{2/}	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag
Up to...	With...									
50% Dolomite ^{2/}	Any Mixture E aggregate									
75% Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone									
75% Crushed Gravel ^{2/}	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag									
HMA High ESAL	F Surface IL-9.5 SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> ^{5/ 6/} : Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone. <u>Other Combinations Allowed:</u> <table><tr><th>Up to...</th><th>With...</th></tr><tr><td>50% Crushed Gravel^{2/} or Dolomite^{2/}</td><td>Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone</td></tr></table>	Up to...	With...	50% Crushed Gravel ^{2/} or Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone				
Up to...	With...									
50% Crushed Gravel ^{2/} or Dolomite ^{2/}	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone									

- 1/ Crushed steel slag allowed in shoulder surface only.
 2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80.
 3/ Crushed concrete will not be permitted in SMA mixes.
 4/ Crushed steel slag shall not be used as binder.
 5/ When combinations of aggregates are used, the blend percent measurements shall be by volume."
 6/ Combining different types of aggregate will not be permitted in SMA Ndesign 80."

2. Ground Tire Rubber (GTR) Modified Asphalt Binder (D-1)

Effective: June 26, 2006
Revised: December 1, 2021

Add the following to the end of article 1032.05 of the Standard Specifications:

“(c) Ground Tire Rubber (GTR) Modified Asphalt Binder. A quantity of 10.0 to 14.0 percent GTR (Note 1) shall be blended by dry unit weight with a PG 64-28 to make a GTR 70-28 or a PG 58-28 to make a GTR 64-28. The base PG 64-28 and PG 58-28 asphalt binders shall meet the requirements of Article 1032.05(a). Compatible polymers may be added during production. The GTR modified asphalt binder shall meet the requirements of the following table.

Test	Asphalt Grade GTR 70-28	Asphalt Grade GTR 64-28
Flash Point (C.O.C.), AASHTO T 48, °F (°C), min.	450 (232)	450 (232)
Rotational Viscosity, AASHTO T 316 @ 275 °F (135 °C), Poises, Pa·s, max.	30 (3)	30 (3)
Softening Point, AASHTO T 53, °F (°C), min.	135 (57)	130 (54)
Elastic Recovery, ASTM D 6084, Procedure A (sieve waived) @ 77 °F, (25 °C), aged, ss, 100 mm elongation, 5 cm/min., cut immediately, %, min.	65	65

Note 1. GTR shall be produced from processing automobile and/or light truck tires by the ambient grinding method. GTR shall not exceed 1/16 in. (2 mm) in any dimension and shall contain no free metal particles or other materials. A mineral powder (such as talc) meeting the requirements of AASHTO M 17 may be added, up to a maximum of four percent by weight of GTR to reduce sticking and caking of the GTR particles. When tested in accordance with Illinois modified AASHTO T 27, a 50 g sample of the GTR shall conform to the following gradation requirements:

Sieve Size	Percent Passing
No. 16 (1.18 mm)	100
No. 30 (600 µm)	95 ± 5
No. 50 (300 µm)	> 20

Add the following to the end of Note 1. of article 1030.03 of the Standard Specifications:

“A dedicated storage tank for the Ground Tire Rubber (GTR) modified asphalt binder shall be provided. This tank must be capable of providing continuous mechanical mixing throughout by continuous agitation and recirculation of the asphalt binder to provide a uniform mixture. The tank shall be heated and capable of maintaining the temperature of the asphalt binder at 300 °F to 350 °F (149 °C to 177 °C). The asphalt binder metering systems of dryer drum plants shall be calibrated with the actual GTR modified asphalt binder material with an accuracy of ± 0.40 percent.”

3. **Hot-Mix Asphalt (D-1)**

Effective: January 1, 2022

Revised: August 1, 2022

Replace Article 1030.09(g)(1) of the Standard Specifications with the following:

“(1) The Contractor shall sample approximately 150 lb (70 kg) of mix as required for the Department’s random mixture verification tests according to Article 1030.09(h)(1).”

Replace the second sentence of Article 1030.09(h)(1) of the Standard Specifications with the following:

“The Engineer will randomly identify one sample for each 3,000 tons (2,720 metric tons) of mix, with a minimum of one sample per mix. If the remaining mix quantity is 600 tons (544 metric tons) or less, the quantity will be combined with the previous 3,000 tons (2,720 metric tons) in the Engineer’s random sample identification. If the required tonnage of a mixture for a single pay item is less than 250 tons (225 metric tons) in total, the Engineer will waive mixture verification tests.”

Add the following to the end of the third paragraph of Article 1030.09(h)(2) of the Standard Specifications:

“The HMA maximum theoretical specific gravity (G_{mm}) will be based on the Department mixture verification test. If there is more than one Department mixture verification G_{mm} test, the G_{mm} will be based on the average of the Department test results.”

4. **Hot-Mix Asphalt Binder and Surface Course (D-1)**

Effective: November 1, 2019

Revised: December 1, 2021

Revise Article 1004.03(c) to read:

“(c) Gradation. The coarse aggregate gradations shall be as listed in the following table.

Use	Size/Application	Gradation No.
Class A-1, A-2, & A-3	3/8 in. (10 mm) Seal	CA 16 or CA 20
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & A-3	Cover Coat	CA 14
HMA High ESAL	IL-19.0; Stabilized Subbase IL-19.0	CA 11 ^{1/}
	SMA 12.5 ^{2/}	CA 13 ^{4/} , CA 14, or CA 16
	SMA 9.5 ^{2/}	CA 13 ^{3/4/} or CA 16 ^{3/}
	IL-9.5	CA 16, CM 13 ^{4/}
	IL-9.5FG	CA 16
HMA Low ESAL	IL-19.0L	CA 11 ^{1/}
	IL-9.5L	CA 16

- 1/ CA 16 or CA 13 may be blended with the CA 11.
- 2/ The coarse aggregates used shall be capable of being combined with the fine aggregates and mineral filler to meet the approved mix design and the mix requirements noted herein.
- 3/ The specified coarse aggregate gradations may be blended.
- 4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve.”

Revise Article 1004.03(e) of the Supplemental Specifications to read:

“(e) Absorption. For SMA the coarse aggregate shall also have water absorption
≤ 2.0 percent.”

Revise the “High ESAL” portion of the table in Article 1030.01 to read:

“High ESAL	Binder Courses	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75, SMA 12.5, Stabilized Subbase IL-19.0
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	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5"
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Revise Note 2. and add Note 6 to Article 1030.02 of the Standard Specifications to read:

"Item	Article/Section
(g)Performance Graded Asphalt Binder (Note 6)	1032
(h)Fibers (Note 2)	

Note 2. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 6. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be a SBS PG 76-22 for IL-4.75, except where modified herein.."

Revise table in Article 1030.05(a) of the Standard Specifications to read:

"MIXTURE COMPOSITION (% PASSING)" ^{1/}												
Sieve Size	IL-19.0 mm		SMA 12.5		SMA 9.5		IL-9.5mm		IL-9.5FG		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max	min	max
1 1/2 in. (37.5 mm)												
1 in. (25 mm)		100										
3/4 in. (19 mm)	90	100		100								
1/2 in. (12.5 mm)	75	89	80	100		100		100		100		100
3/8 in. (9.5 mm)				65	90	100	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	60	75 ^{5/}	90	100
#8 (2.36 mm)	20	42	16	24 ^{4/}	16	32 ^{4/}	34 ^{5/}	52 ^{2/}	45	60 ^{6/}	70	90
#16 (1.18 mm)	15	30					10	32	25	40	50	65
#30 (600 μm)			12	16	12	18			15	30		
#50 (300 μm)	6	15					4	15	8	15	15	30
#100 (150 μm)	4	9					3	10	6	10	10	18
#200 (75 μm)	3.0	6.0	7.0	9.0 ^{3/}	7.5	9.5 ^{3/}	4.0	6.0	4.0	6.5	7.0	9.0 ^{3/}
#635 (20 μm)			≤ 3.0		≤ 3.0							

Ratio Dust/Asphalt Binder		1.0		1.5		1.5		1.0		1.0		1.0
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- 1/ Based on percent of total aggregate weight.
- 2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign = 90.
- 3/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.
- 4/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.
- 5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.
- 6/ When the mixture is used as a binder, the maximum shall be increased by 0.5 percent passing."

Revise Article 1030.05(b) of the Standard Specifications to read:

(b) Volumetric Requirements. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 and SMA mixtures it shall be 3.5 percent and for Stabilized Subbase it shall be 3.0 percent at the design number of gyrations. The voids in the mineral aggregate (VMA) and voids filled with asphalt binder (VFA) of the HMA design shall be based on the nominal maximum size of the aggregate in the mix and shall conform to the following requirements.

Mix Design	Voids in the Mineral Aggregate (VMA), % Minimum for Ndesign				
	30	50	70	80	90
IL-19.0		13.5	13.5		13.5
IL-9.5		15.0	15.0		
IL-9.5FG		15.0	15.0		
IL-4.75 ^{1/}		18.5			
SMA-12.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
SMA-9.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
IL-19.0L	13.5				
IL-9.5L	15.0				

- 1/ Maximum draindown shall be 0.3 percent according to Illinois Modified AASHTO T 305.
- 2/ The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30°F.
- 3/ Applies when specific gravity of coarse aggregate is ≥ 2.760 .
- 4/ Applies when specific gravity of coarse aggregate is < 2.760 .
- 5/ For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone"

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

"IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions greater than or equal to 2.0 percent, or which contain steal slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours."

Add after third sentence of Article 1030.09(b) to read:

“ If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the QC/QA document "Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure.”

Revise Table 1 and Note 4/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

	Breakdown/Intermediate Roller (one of the following)	Final Roller (one or more of the following)	Density Requirement
IL-9.5, IL-9.5FG, IL-19.0 ^{1/}	V _D , P, T _B , 3W, O _T , O _B	V _S , T _B , T _F , O _T	As specified in Section 1030
IL-4.75 and SMA ^{3/ 4/}	T _B , 3W, O _T	T _F , 3W	As specified in Section 1030
Mixtures on Bridge Decks ^{2/}	T _B	T _F	As specified in Articles 582.05 and 582.06.

“4/ The Contractor shall provide a minimum of two steel-wheeled tandem rollers (T_B), and/or three-wheel (3W) rollers for breakdown, except one of the (T_B) or (3W) rollers shall be 84 inches (2.14 m) wide and a weight of 315 pound per linear inch (PLI) (5.63 kg/mm) and one of the (T_B) or (3W) rollers can be substituted for an oscillatory roller (O_T). T_F rollers shall be a minimum of 280 lb/in. (50 N/mm). The 3W and T_B rollers shall be operated at a uniform speed not to exceed 3 mph (5 km/h), with the drive roll for T_B rollers nearest the paver and maintain an effective rolling distance of not more than 150 ft (45 m) behind the paver.”

Add the following after the fourth paragraph of Article 406.13 (b):

“The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design’s G_{mb}.”

Revise first paragraph of Article 1030.10 of the Standard Specifications to read:

“A test strip of 300 ton (275 metric tons), except for SMA mixtures it will be 400 ton (363 metric ton), will be required for each mixture on each contract at the beginning of HMA production for each construction year according to the Manual of Test Procedures for Materials “Hot Mix Asphalt Test Strip Procedures”. At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results.”

Revise third paragraph of Article 1030.10 of the Standard Specifications to read:

“When a test strip is constructed, the Contractor shall collect and split the mixture according to the document “Hot-Mix Asphalt Test Strip Procedures”. The Engineer, or a representative, shall deliver split sample to the District Laboratory for verification testing. The Contractor shall complete mixture tests stated in Article 1030.09(a). Mixture sampled shall include enough material for the Department to conduct mixture tests detailed in Article 1030.09(a) and in the document “Hot-Mix Asphalt Mixture Design Verification Procedure” Section 3.3. The mixture test results shall meet the requirements of Articles 1030.05(b) and 1030.05(d), except Hamburg wheel tests will only be conducted on High ESAL mixtures during production.”

5. Hot-Mix Asphalt – Mixture Design Verification and Production (D-1)

Effective: January 1, 2019
Revised: December 1, 2021

Add to Article 1030.05 (d)(3) of the Standard Specifications to read:

“ During mixture design, prepared samples shall be submitted to the District laboratory by the Contractor for verification testing. The required testing, and number and size of prepared samples submitted, shall be according to the following tables.

High ESAL – Required Samples for Verification Testing

Mixture	Hamburg Wheel and I-FIT Testing ^{1/2/}
Binder	total of 3 - 160 mm tall bricks
Surface	total of 4 - 160 mm tall bricks

Low ESAL – Required Samples for Verification Testing	
Mixture	I-FIT Testing ^{1/2/}
Binder	1 - 160 mm tall brick
Surface	2 - 160 mm tall bricks

- 1/ The compacted gyratory bricks for Hamburg wheel and I-FIT testing shall be 7.5 ± 0.5 percent air voids.
- 2/ If the Contractor does not possess the equipment to prepare the 160 mm tall brick(s), twice as many 115 mm tall compacted gyratory bricks will be acceptable.

Revise the fourth paragraph of Article 1030.10 of the Standard Specifications to read:

"When a test strip is not required, each HMA mixture shall still be sampled on the first day of production: I-FIT and Hamburg wheel testing for High ESAL; I-FIT testing for Low ESAL. Within two working days after sampling the mixture, the Contractor shall deliver gyratory cylinders to the District laboratory for Department verification testing. The High ESAL mixture test results shall meet the requirements of Articles 1030.05(d)(3) and 1030.05(d)(4). The Low ESAL mixture test results shall meet the requirements of Article 1030.05(d)(4). The required number and size of prepared samples submitted for the Hamburg wheel and I-FIT testing shall be according to the "High ESAL - Required Samples for Verification Testing" table in Article 1030.05(d)(3) above."

Add the following to the end of Article 1030.10 of the Standard Specifications to read:

"Mixture sampled during first day of production shall include approximately 60 lb (27 kg) of additional material for the Department to conduct Hamburg wheel testing and approximately 80 lb (36 kg) of additional material for the Department to conduct I-FIT testing. Within two working days after sampling, the Contractor shall deliver prepared samples to the District laboratory for verification testing. The required number and size of prepared samples submitted for the Hamburg wheel and I-FIT testing shall be according to the "High ESAL - Required Samples for Verification Testing" table in Article 1030.05(d)(3) above."

BDE SPECIAL PROVISIONS
For the January 19 and March 8, 2024 Lettings

The following special provisions indicated by a "check mark" are applicable to this contract and will be included by the Project Coordination and Implementation Section of the Bureau of Design & Environment (BDE).

File Name	#		Special Provision Title	Effective	Revised
	80099	1	☐ Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
	80274	2	☐ Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
	80192	3	☐ Automated Flagger Assistance Devices	Jan. 1, 2008	April 1, 2023
	80173	4	☐ Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	☐ Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
*	80241	6	☐ Bridge Demolition Debris	July 1, 2009	
*	50531	7	☐ Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	50261	8	☐ Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80449	9	☐ Cement, Type IL	Aug. 1, 2023	
	80384	10	☒ Compensable Delay Costs	June 2, 2017	April 1, 2019
*	80198	11	☐ Completion Date (via calendar days)	April 1, 2008	
*	80199	12	☐ Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80453	13	☐ Concrete Sealer	Nov. 1, 2023	
	80261	14	☒ Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80434	15	☐ Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
*	80029	16	☐ Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Mar. 2, 2019
	80229	17	☐ Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80452	18	☐ Full Lane Sealant Waterproofing System	Nov. 1, 2023	
	80447	19	☐ Grading and Shaping Ditches	Jan. 1, 2023	
	80433	20	☐ Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80443	21	☐ High Tension Cable Median Barrier Removal	April 1, 2022	
	80456	22	☒ Hot-Mix Asphalt	Jan. 1, 2024	
	80446	23	☐ Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
	80438	24	☐ Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	Sept. 2, 2021
	80045	25	☐ Material Transfer Device	June 15, 1999	Jan. 1, 2022
	80450	26	☐ Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	
	80441	27	☐ Performance Graded Asphalt Binder	Jan. 1, 2023	
	80451	28	☐ Portland Cement Concrete	Aug. 1, 2023	
*	34261	29	☐ Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80455	30	☐ Removal and Disposal of Regulated Substances	Jan. 1, 2024	
	80445	31	☒ Seeding	Nov. 1, 2022	
	80448	32	☐ Source of Supply and Quality Requirements	Jan. 2, 2023	
	80340	33	☐ Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	34	☐ Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397	35	☐ Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	36	☒ Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80437	37	☐ Submission of Payroll Records	April 1, 2021	Nov. 2, 2023
	80435	38	☐ Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
	80410	39	☐ Traffic Spotters	Jan. 1, 2019	
*	20338	40	☐ Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429	41	☐ Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	42	☐ Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80302	43	☐ Weekly DBE Trucking Reports	June 2, 2012	Nov. 1, 2021
	80454	44	☐ Wood Sign Support	Nov. 1, 2023	
	80427	45	☒ Work Zone Traffic Control Devices	Mar. 2, 2020	
*	80071	46	☐ Working Days	Jan. 1, 2002	

Highlighted items indicate a new or revised special provision for the letting.

An * indicates the special provision requires additional information from the designer, which needs to be submitted separately. The Project Coordination and Implementation Section will then include the information in the applicable special provision.

The following special provisions are in the 2024 Supplemental Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80436	Blended Finely Divided Minerals	Articles 1010.01 & 1010.06	April 1, 2021	
80440	Waterproofing Membrane System	Article 1061.05	Nov. 1, 2021	

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017

Revised: April 1, 2019

Revise Article 107.40(b) of the Standard Specifications to read:

“(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.

- (1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.
- (2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.
- (3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days.”

Revise Article 107.40(c) of the Standard Specifications to read:

“(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.

- (1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.

Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).

- (2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the

Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

- (3) Reduced Rate of Production Delay. The Contractor will be compensated for the reduced productivity for labor and equipment time in excess of the 25 percent threshold for that portion of the delay in excess of seven calendar days. Determination of compensation will be in accordance with Article 104.02, except labor and material additives will not be permitted.

Payment for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be determined according to Article 109.13."

Revise Article 108.04(b) of the Standard Specifications to read:

"(b) No working day will be charged under the following conditions.

- (1) When adverse weather prevents work on the controlling item.
- (2) When job conditions due to recent weather prevent work on the controlling item.
- (3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.
- (4) When delays caused by utility or railroad adjustments prevent work on the controlling item.
- (5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.
- (6) When any condition over which the Contractor has no control prevents work on the controlling item."

Revise Article 109.09(f) of the Standard Specifications to read:

- "(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead

other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

The above Basis of Payment is an essential element of the contract and the claim cost recovery of the Contractor shall be so limited.”

Add the following to Section 109 of the Standard Specifications.

“109.13 Payment for Contract Delay. Compensation for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be allowed when such costs result from a delay meeting the criteria in the following table.

Contract Type	Cause of Delay	Length of Delay
Working Days	Article 108.04(b)(3) or Article 108.04(b)(4)	No working days have been charged for two consecutive weeks.
Completion Date	Article 108.08(b)(1) or Article 108.08(b)(7)	The Contractor has been granted a minimum two week extension of contract time, according to Article 108.08.

Payment for each of the various costs will be according to the following.

- (a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.
- (b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.
 - (1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to \$5,000,000	One Project Superintendent
Over \$ 5,000,000 - up to \$25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk
Over \$25,000,000 - up to \$50,000,000	One Project Manager, One Project Superintendent, One Engineer, and

	One Clerk
Over \$50,000,000	One Project Manager, Two Project Superintendents, One Engineer, and One Clerk

(2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.

(c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

When an extended traffic control adjustment is paid under this provision, an adjusted unit price as provided for in Article 701.20(a) for increase or decrease in the value of work by more than ten percent will not be paid.

Upon payment for a contract delay under this provision, the Contractor shall assign subrogation rights to the Department for the Department's efforts of recovery from any other party for monies paid by the Department as a result of any claim under this provision. The Contractor shall fully cooperate with the Department in its efforts to recover from another party any money paid to the Contractor for delay damages under this provision."

80384

CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)

Effective: June 1, 2010

Revised: November 1, 2014

The reduction of emissions of particulate matter (PM) for off-road equipment shall be accomplished by installing retrofit emission control devices. The term “equipment” refers to diesel fuel powered devices rated at 50 hp and above, to be used on the jobsite in excess of seven calendar days over the course of the construction period on the jobsite (including rental equipment).

Contractor and subcontractor diesel powered off-road equipment assigned to the contract shall be retrofitted using the phased in approach shown below. Equipment that is of a model year older than the year given for that equipment’s respective horsepower range shall be retrofitted:

Effective Dates	Horsepower Range	Model Year
June 1, 2010 ^{1/}	600-749	2002
	750 and up	2006
June 1, 2011 ^{2/}	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006
June 1, 2012 ^{2/}	50-99	2004
	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006

1/ Effective dates apply to Contractor diesel powered off-road equipment assigned to the contract.

2/ Effective dates apply to Contractor and subcontractor diesel powered off-road equipment assigned to the contract.

The retrofit emission control devices shall achieve a minimum PM emission reduction of 50 percent and shall be:

- Included on the U.S. Environmental Protection Agency (USEPA) *Verified Retrofit Technology List* (<http://www.epa.gov/cleandiesel/verification/verif-list.htm>), or verified by the California Air Resources Board (CARB) (<http://www.arb.ca.gov/diesel/verdev/vt/cvt.htm>); or
- Retrofitted with a non-verified diesel retrofit emission control device if verified retrofit emission control devices are not available for equipment proposed to be used on the project, and if the Contractor has obtained a performance certification from the retrofit

device manufacturer that the emission control device provides a minimum PM emission reduction of 50 percent.

Note: Large cranes (Crawler mounted cranes) which are responsible for critical lift operations are exempt from installing retrofit emission control devices if such devices adversely affect equipment operation.

Diesel powered off-road equipment with engine ratings of 50 hp and above, which are unable to be retrofitted with verified emission control devices or if performance certifications are not available which will achieve a minimum 50 percent PM reduction, may be granted a waiver by the Department if documentation is provided showing good faith efforts were made by the Contractor to retrofit the equipment.

Construction shall not proceed until the Contractor submits a certified list of the diesel powered off-road equipment that will be used, and as necessary, retrofitted with emission control devices. The list(s) shall include (1) the equipment number, type, make, Contractor/rental company name; and (2) the emission control devices make, model, USEPA or CARB verification number, or performance certification from the retrofit device manufacturer. Equipment reported as fitted with emissions control devices shall be made available to the Engineer for visual inspection of the device installation, prior to being used on the jobsite.

The Contractor shall submit an updated list of retrofitted off-road construction equipment as retrofitted equipment changes or comes on to the jobsite. The addition or deletion of any diesel powered equipment shall be included on the updated list.

If any diesel powered off-road equipment is found to be in non-compliance with any portion of this special provision, the Engineer will issue the Contractor a diesel retrofit deficiency deduction.

Any costs associated with retrofitting any diesel powered off-road equipment with emission control devices shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed. The Contractor's compliance with this notice and any associated regulations shall not be grounds for a claim.

Diesel Retrofit Deficiency Deduction

When the Engineer determines that a diesel retrofit deficiency exists, a daily monetary deduction will be imposed for each calendar day or fraction thereof the deficiency continues to exist. The calendar day(s) will begin when the time period for correction is exceeded and end with the Engineer's written acceptance of the correction. The daily monetary deduction will be \$1,000.00 for each deficiency identified.

The deficiency will be based on lack of diesel retrofit emissions control.

If a Contractor accumulates three diesel retrofit deficiency deductions for the same piece of equipment in a contract period, the Contractor will be shutdown until the deficiency is corrected.

Such a shutdown will not be grounds for any extension of the contract time, waiver of penalties, or be grounds for any claim.

80261

HOT-MIX ASPHALT (BDE)

Effective: January 1, 2024

Revise the second paragraph of Articles 1030.07(a)(11) and 1030.08(a)(9) of the Standard Specifications to read:

“When establishing the target density, the HMA maximum theoretical specific gravity (G_{mm}) will be based on the running average of four available Department test results for that project. If less than four G_{mm} test results are available, an average of all available Department test results for that project will be used. The initial G_{mm} will be the last available Department test result from a QMP project. If there is no available Department test result from a QMP project, the Department mix design verification test result will be used as the initial G_{mm} .”

In the Supplemental Specifications, replace the revision for the end of the third paragraph of Article 1030.09(h)(2) with the following:

“When establishing the target density, the HMA maximum theoretical specific gravity (G_{mm}) will be the Department mix design verification test result.”

Revise the tenth paragraph of Article 1030.10 of the Standard Specifications to read:

“Production is not required to stop after a test strip has been constructed.”

80456

SEEDING (BDE)

Effective: November 1, 2022

Revise Article 250.07 of the Standard Specifications to read:

“250.07 Seeding Mixtures. The classes of seeding mixtures and combinations of mixtures will be designated in the plans.

When an area is to be seeded with two or more seeding classes, those mixtures shall be applied separately on the designated area within a seven day period. Seeding shall occur prior to placement of mulch cover. A Class 7 mixture can be applied at any time prior to applying any seeding class or added to them and applied at the same time.

TABLE 1 - SEEDING MIXTURES		
Class - Type	Seeds	lb/acre (kg/hectare)
1 Lawn Mixture 1/	Kentucky Bluegrass Perennial Ryegrass <i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue)	100 (110) 60 (70) 40 (50)
1A Salt Tolerant Lawn Mixture 1/	Kentucky Bluegrass Perennial Ryegrass <i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue) <i>Festuca brevipila</i> (Hard Fescue) <i>Puccinellia distans</i> (Fults Saltgrass or Salty Alkaligrass)	60 (70) 20 (20) 20 (20) 20 (20) 60 (70)
1B Low Maintenance Lawn Mixture 1/	Turf-Type Fine Fescue 3/ Perennial Ryegrass Red Top <i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue)	150 (170) 20 (20) 10 (10) 20 (20)
2 Roadside Mixture 1/	<i>Lolium arundinaceum</i> (Tall Fescue) Perennial Ryegrass <i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue) Red Top	100 (110) 50 (55) 40 (50) 10 (10)
2A Salt Tolerant Roadside Mixture 1/	<i>Lolium arundinaceum</i> (Tall Fescue) Perennial Ryegrass <i>Festuca rubra</i> ssp. <i>rubra</i> (Creeping Red Fescue) <i>Festuca brevipila</i> (Hard Fescue) <i>Puccinellia distans</i> (Fults Saltgrass or Salty Alkaligrass)	60 (70) 20 (20) 30 (20) 30 (20) 60 (70)
3 Northern Illinois Slope Mixture 1/	<i>Elymus canadensis</i> (Canada Wild Rye) 5/ Perennial Ryegrass Alsike Clover 4/ <i>Desmanthus illinoensis</i> (Illinois Bundleflower) 4/ 5/ <i>Schizachyrium scoparium</i> (Little Bluestem) 5/ <i>Bouteloua curtipendula</i> (Side-Oats Grama) 5/ <i>Puccinellia distans</i> (Fults Saltgrass or Salty Alkaligrass) Oats, Spring Slender Wheat Grass 5/ Buffalo Grass 5/ 7/	5 (5) 20 (20) 5 (5) 2 (2) 12 (12) 10 (10) 30 (35) 50 (55) 15 (15) 5 (5)
3A Southern Illinois Slope Mixture 1/	Perennial Ryegrass <i>Elymus canadensis</i> (Canada Wild Rye) 5/ <i>Panicum virgatum</i> (Switchgrass) 5/ <i>Schizachyrium scoparium</i> (Little Blue Stem) 5/ <i>Bouteloua curtipendula</i> (Side-Oats Grama) 5/ <i>Dalea candida</i> (White Prairie Clover) 4/ 5/ <i>Rudbeckia hirta</i> (Black-Eyed Susan) 5/ Oats, Spring	20 (20) 20 (20) 10 (10) 12 (12) 10 (10) 5 (5) 5 (5) 50 (55)

Class – Type		Seeds	lb/acre (kg/hectare)
4	Native Grass 2/ 6/	<i>Andropogon gerardi</i>	4 (4)
		(Big Blue Stem) 5/	
		<i>Schizachyrium scoparium</i>	5 (5)
		(Little Blue Stem) 5/	
		<i>Bouteloua curtipendula</i>	5 (5)
		(Side-Oats Grama) 5/	
		<i>Elymus canadensis</i>	1 (1)
		(Canada Wild Rye) 5/	
		<i>Panicum virgatum</i> (Switch Grass) 5/	1 (1)
		<i>Sorghastrum nutans</i> (Indian Grass) 5/	2 (2)
4A	Low Profile Native Grass 2/ 6/	Annual Ryegrass	25 (25)
		Oats, Spring	25 (25)
		Perennial Ryegrass	15 (15)
		<i>Schizachyrium scoparium</i>	5 (5)
		(Little Blue Stem) 5/	
		<i>Bouteloua curtipendula</i>	5 (5)
		(Side-Oats Grama) 5/	
		<i>Elymus canadensis</i>	1 (1)
		(Canada Wild Rye) 5/	
		<i>Sporobolus heterolepis</i>	0.5 (0.5)
4B	Wetland Grass and Sedge Mixture 2/ 6/	Annual Ryegrass	25 (25)
		Oats, Spring	25 (25)
		Wetland Grasses (species below) 5/	6 (6)
		<u>Species:</u>	<u>% By Weight</u>
		<i>Calamagrostis canadensis</i> (Blue Joint Grass)	12
		<i>Carex lacustris</i> (Lake-Bank Sedge)	6
		<i>Carex slipata</i> (Awl-Fruited Sedge)	6
		<i>Carex stricta</i> (Tussock Sedge)	6
		<i>Carex vulpinoidea</i> (Fox Sedge)	6
		<i>Eleocharis acicularis</i> (Needle Spike Rush)	3
		<i>Eleocharis obtusa</i> (Blunt Spike Rush)	3
		<i>Glyceria striata</i> (Fowl Manna Grass)	14
		<i>Juncus effusus</i> (Common Rush)	6
		<i>Juncus tenuis</i> (Slender Rush)	6
		<i>Juncus torreyi</i> (Torrey's Rush)	6
		<i>Leersia oryzoides</i> (Rice Cut Grass)	10
		<i>Scirpus acutus</i> (Hard-Stemmed Bulrush)	3
		<i>Scirpus atrovirens</i> (Dark Green Rush)	3
		<i>Bolboschoenus fluviatilis</i> (River Bulrush)	3
		<i>Schoenoplectus tabernaemontani</i> (Softstem Bulrush)	3
		<i>Spartina pectinata</i> (Cord Grass)	4

Class – Type	Seeds	lb/acre (kg/hectare)
5	Forb with Annuals Mixture 2/ 5/ 6/	Annuals Mixture (Below) Forb Mixture (Below)
		1 (1) 10 (10)
	Annuals Mixture - Mixture not exceeding 25 % by weight of any one species, of the following:	
	<i>Coreopsis lanceolata</i> (Sand Coreopsis) <i>Leucanthemum maximum</i> (Shasta Daisy) <i>Gaillardia pulchella</i> (Blanket Flower) <i>Ratibida columnifera</i> (Prairie Coneflower) <i>Rudbeckia hirta</i> (Black-Eyed Susan)	
	Forb Mixture - Mixture not exceeding 5 % by weight PLS of any one species, of the following:	
	<i>Amorpha canescens</i> (Lead Plant) 4/ <i>Anemone cylindrica</i> (Thimble Weed) <i>Asclepias tuberosa</i> (Butterfly Weed) <i>Aster azureus</i> (Sky Blue Aster) <i>Symphyotrichum leave</i> (Smooth Aster) <i>Aster novae-angliae</i> (New England Aster) <i>Baptisia leucantha</i> (White Wild Indigo) 4/ <i>Coreopsis palmata</i> (Prairie Coreopsis) <i>Echinacea pallida</i> (Pale Purple Coneflower) <i>Eryngium yuccifolium</i> (Rattlesnake Master) <i>Helianthus mollis</i> (Downy Sunflower) <i>Heliopsis helianthoides</i> (Ox-Eye) <i>Liatris aspera</i> (Rough Blazing Star) <i>Liatris pycnostachya</i> (Prairie Blazing Star) <i>Monarda fistulosa</i> (Prairie Bergamot) <i>Parthenium integrifolium</i> (Wild Quinine) <i>Dalea candida</i> (White Prairie Clover) 4/ <i>Dalea purpurea</i> (Purple Prairie Clover) 4/ <i>Physostegia virginiana</i> (False Dragonhead) <i>Potentilla arguta</i> (Prairie Cinquefoil) <i>Ratibida pinnata</i> (Yellow Coneflower) <i>Rudbeckia subtomentosa</i> (Fragrant Coneflower) <i>Silphium laciniatum</i> (Compass Plant) <i>Silphium terebinthinaceum</i> (Prairie Dock) <i>Oligoneuron rigidum</i> (Rigid Goldenrod) <i>Tradescantia ohimensis</i> (Spiderwort) <i>Veronicastrum virginicum</i> (Culver's Root)	

Class – Type		Seeds	lb/acre (kg/hectare)
5A	Large Flower Native Forb Mixture 2/ 5/ 6/	Forb Mixture (see below)	5 (5)
	<u>Species:</u>	<u>% By Weight</u>	
	<i>Aster novae-angliae</i> (New England Aster)	5	
	<i>Echinacea pallida</i> (Pale Purple Coneflower)	10	
	<i>Helianthus mollis</i> (Downy Sunflower)	10	
	<i>Heliopsis helianthoides</i> (Ox-Eye)	10	
	<i>Liatris pycnostachya</i> (Prairie Blazing Star)	10	
	<i>Ratibida pinnata</i> (Yellow Coneflower)	5	
	<i>Rudbeckia hirta</i> (Black-Eyed Susan)	10	
	<i>Silphium laciniatum</i> (Compass Plant)	10	
	<i>Silphium terebinthinaceum</i> (Prairie Dock)	20	
	<i>Oligoneuron rigidum</i> (Rigid Goldenrod)	10	
5B	Wetland Forb 2/ 5/ 6/	Forb Mixture (see below)	2 (2)
	<u>Species:</u>	<u>% By Weight</u>	
	<i>Acorus calamus</i> (Sweet Flag)	3	
	<i>Angelica atropurpurea</i> (Angelica)	6	
	<i>Asclepias incarnata</i> (Swamp Milkweed)	2	
	<i>Aster puniceus</i> (Purple Stemmed Aster)	10	
	<i>Bidens cernua</i> (Beggarticks)	7	
	<i>Eutrochium maculatum</i> (Spotted Joe Pye Weed)	7	
	<i>Eupatorium perfoliatum</i> (Boneset)	7	
	<i>Helenium autumnale</i> (Autumn Sneeze Weed)	2	
	<i>Iris virginica shrevei</i> (Blue Flag Iris)	2	
	<i>Lobelia cardinalis</i> (Cardinal Flower)	5	
	<i>Lobelia siphilitica</i> (Great Blue Lobelia)	5	
	<i>Lythrum alatum</i> (Winged Loosestrife)	2	
	<i>Physostegia virginiana</i> (False Dragonhead)	5	
	<i>Persicaria pensylvanica</i> (Pennsylvania Smartweed)	10	
	<i>Persicaria lapathifolia</i> (Curlytop Knotweed)	10	
	<i>Pychanthemum virginianum</i> (Mountain Mint)	5	
	<i>Rudbeckia laciniata</i> (Cut-leaf Coneflower)	5	
	<i>Oligoneuron riddellii</i> (Riddell Goldenrod)	2	
	<i>Sparganium eurycarpum</i> (Giant Burreed)	5	
6	Conservation Mixture 2/ 6/	<i>Schizachyrium scoparium</i> (Little Blue Stem) 5/ <i>Elymus canadensis</i> (Canada Wild Rye) 5/ Buffalo Grass 5/ 7/ Vernal Alfalfa 4/ Oats, Spring	5 (5) 2 (2) 5 (5) 15 (15) 48 (55)
6A	Salt Tolerant Conservation Mixture 2/ 6/	<i>Schizachyrium scoparium</i> (Little Blue Stem) 5/ <i>Elymus canadensis</i> (Canada Wild Rye) 5/ Buffalo Grass 5/ 7/ Vernal Alfalfa 4/ Oats, Spring <i>Puccinellia distans</i> (Fults Saltgrass or Salty Alkaligrass)	5 (5) 2 (2) 5 (5) 15 (15) 48 (55) 20 (20)
7	Temporary Turf Cover Mixture	Perennial Ryegrass Oats, Spring	50 (55) 64 (70)

Notes:

- 1/ Seeding shall be performed when the ambient temperature has been between 45 °F (7 °C) and 80 °F (27 °C) for a minimum of seven (7) consecutive days and is forecasted to be the same for the next five (5) days according to the National Weather Service.
- 2/ Seeding shall be performed in late fall through spring beginning when the ambient temperature has been below 45 °F (7 °C) for a minimum of seven (7) consecutive days and ending when the ambient temperature exceeds 80 °F (27 °C) according to the National Weather Service.
- 3/ Specific variety as shown in the plans or approved by the Engineer.
- 4/ Inoculation required.
- 5/ Pure Live Seed (PLS) shall be used.
- 6/ Fertilizer shall not be used.
- 7/ Seed shall be primed with KNO_3 to break dormancy and dyed to indicate such.

Seeding will be inspected after a period of establishment. The period of establishment shall be six (6) months minimum, but not to exceed nine (9) months. After the period of establishment, areas not exhibiting 75 percent uniform growth shall be interseeded or reseeded, as determined by the Engineer, at no additional cost to the Department.”

80445

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: November 2, 2017

Revised: April 1, 2019

Replace the second paragraph of Article 109.12 of the Standard Specifications with the following:

“This mobilization payment shall be made at least seven days prior to the subcontractor starting work. The amount paid shall be at the following percentage of the amount of the subcontract reported on form BC 260A submitted for the approval of the subcontractor’s work.

Value of Subcontract Reported on Form BC 260A	Mobilization Percentage
Less than \$10,000	25%
\$10,000 to less than \$20,000	20%
\$20,000 to less than \$40,000	18%
\$40,000 to less than \$60,000	16%
\$60,000 to less than \$80,000	14%
\$80,000 to less than \$100,000	12%
\$100,000 to less than \$250,000	10%
\$250,000 to less than \$500,000	9%
\$500,000 to \$750,000	8%
Over \$750,000	7%”

80391

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports 1106.02”

Revise the third paragraph of Article 701.14 of the Standard Specifications to read:

“For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer’s specifications.”

Revise the first paragraph of Article 701.15 of the Standard Specifications to read:

“**701.15 Traffic Control Devices.** For devices that must meet crashworthiness standards, the Contractor shall provide a manufacturer’s self-certification or a FHWA eligibility letter for each Category 1 device and a FHWA eligibility letter for each Category 2 and Category 3 device used on the contract. The self-certification or letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device.”

Revise the first six paragraphs of Article 1106.02 of the Standard Specifications to read:

“**1106.02 Devices.** Work zone traffic control devices and combinations of devices shall meet crashworthiness standards for their respective categories. The categories are as follows.

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 1 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 2 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact

attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

Category 4 includes portable or trailer-mounted devices such as arrow boards, changeable message signs, temporary traffic signals, and area lighting supports. It is preferable for Category 4 devices manufactured after December 31, 2019 to be MASH-16 compliant; however, there are currently no crash tested devices in this category, so it remains exempt from the NCHRP 350 or MASH compliance requirement.

For each type of device, when no more than one MASH-16 compliant is available, an NCHRP 350 or MASH-2009 compliant device may be used, even if manufactured after December 31, 2019.”

Revise Articles 1106.02(g), 1106.02(k), and 1106.02(l) to read:

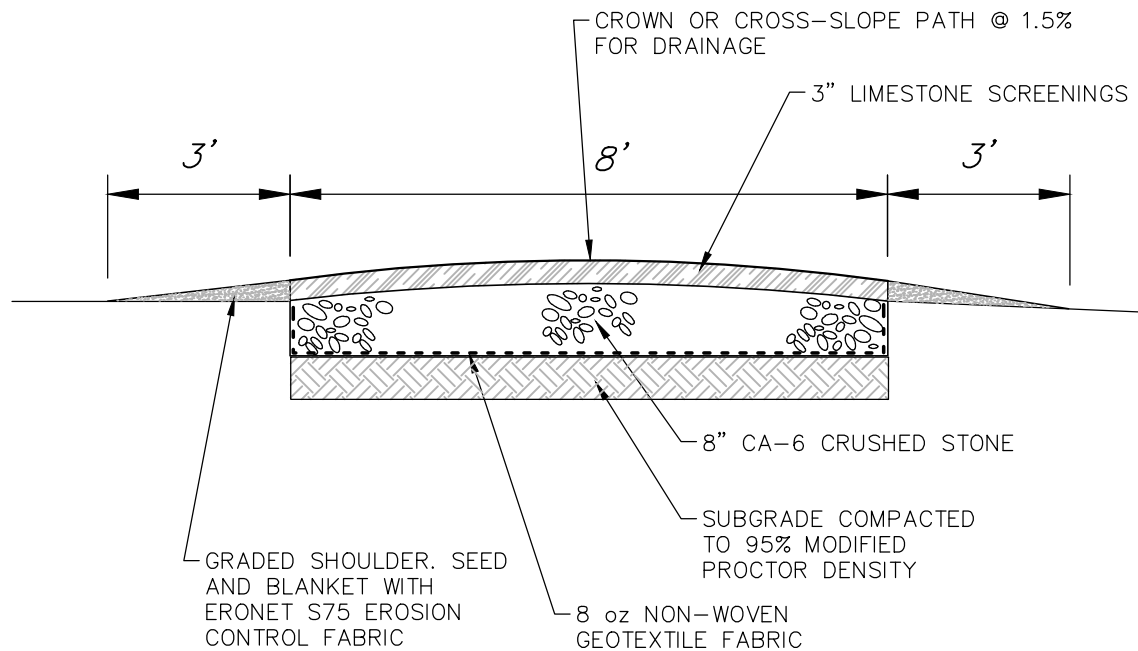
“(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(k) Temporary Water Filled Barrier. The water filled barrier shall be a lightweight plastic shell designed to accept water ballast and be on the Department’s qualified product list.

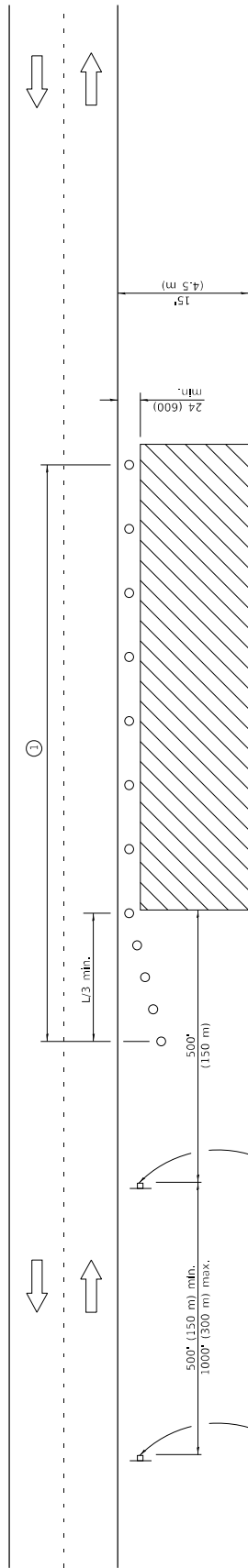
Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings.

(l) Movable Traffic Barrier. The movable traffic barrier shall be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis.”



AGGREGATE PATH



For contract construction projects

W20-110(0)-48

For maintenance and utility projects

W21-110(0)-48

TYPICAL APPLICATIONS

Utility operations
Culvert extensions
Side slope changes
Guardrail installation and maintenance
Detritus installation
Landscaping operations
Shoulder repair
Sign installation and maintenance

SYMBOLS

Work area
Skin
Cone, drum or barricade

GENERAL NOTES

This Standard is used where any vehicles, equipment, workers or their activities will encroach in the area 15' (4.5 m) to 24' (600) from the edge of pavement.

Calculate L as follows:

SPEED LIMIT
English (Metric)
40 mph (70 km/h) $L = \frac{WS^2}{60}$ $L = \frac{WS^2}{150}$
or less:
45 mph (80 km/h) $L = \frac{WS^2}{60}$ $L = \frac{WS^2}{150}$
or greater:

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

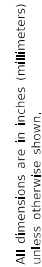
All dimensions are in inches (millimeters) unless otherwise shown.

OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

STANDARD 701006-05

	ISSUED 1-1-97	
	PASSED January 2014 ENGINEER OF SAFETY ENGINEERING APPROVED January 2014 ENGINEER OF DESIGN AND ENVIRONMENT	2014 2014

DATE	REVISIONS
1-1-14	Revised workers sign number to agree with current MUTCD.
1-1-13	Omitted text "WORKERS" sign.



DATE	REVISIONS	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS STANDARD 701301-04
1-1-11	Revised flagger sign.	
1-1-09	Switched units to English (metric).	

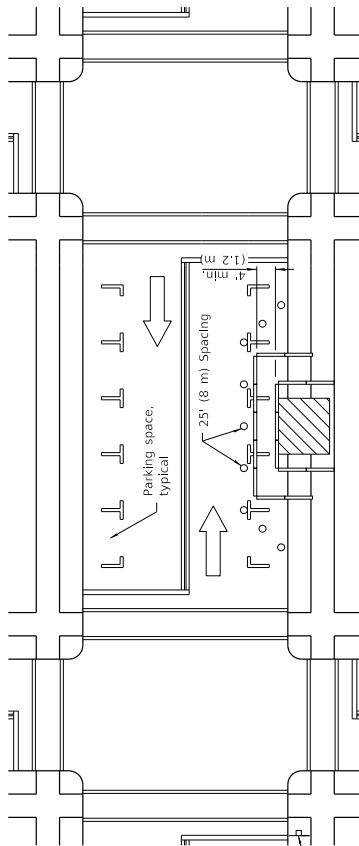
SYMBOLS

Work area
Sign on portable or permanent support
Flagger with traffic control sign

TYPICAL APPLICATIONS

Marking patches
Field survey
String line
Utility operations
Cleaning up debris on pavement

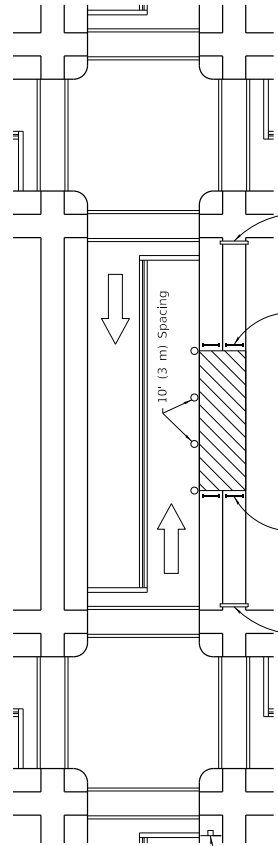
 Illinois Department of Transportation	ISSUED	1-1-97
	PASSED January 1, 2011  ENGINEER OF SAFETY ENGINEERING	APPROVED January 1, 2011 



W20-1103(10)-48 for contract construction projects

Or
W20-1101-48 for maintenance and utility projects

SIDEWALK DIVERSION



W20-1103(10)-48 for contract construction projects

Or
W20-1101-48 for maintenance and utility projects

SIDEWALK CLOSURE

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade

GENERAL NOTES

- This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.
- This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.
- Temporary facilities shall be detectable and accessible.
- The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.
- The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.
- Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701801.
- All dimensions are in inches (millimeters) unless otherwise shown.

① Omit whenever duplicated by road work traffic control.

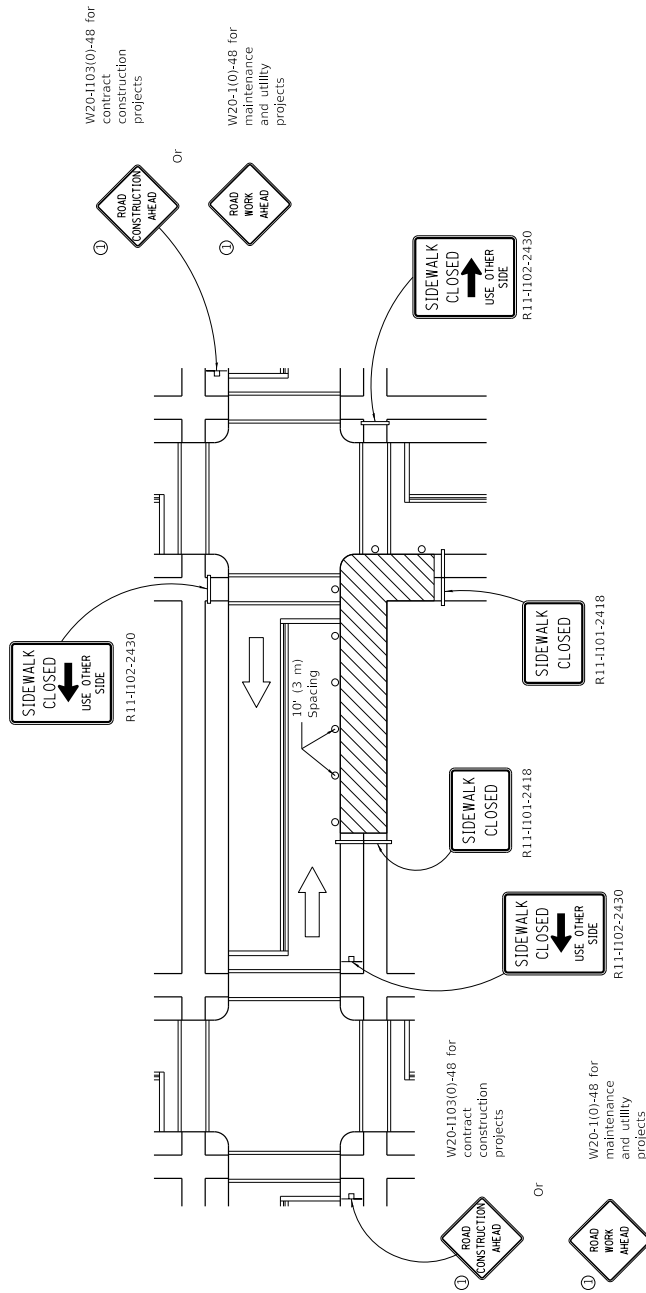
PASSED		ISSUED 1-1-07	
APPROVED		APPROVED	
ENGINEER OF SAFETY ENGINEERING		ENGINEER OF SAFETY ENGINEERING	
2016		2016	
APRIL 1, 2016		APRIL 1, 2016	
ILLINOIS DEPARTMENT OF TRANSPORTATION		ILLINOIS DEPARTMENT OF TRANSPORTATION	
ENGINEER OF DESIGN AND ENVIRONMENT		ENGINEER OF DESIGN AND ENVIRONMENT	

DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of plan views. Renamed Std.

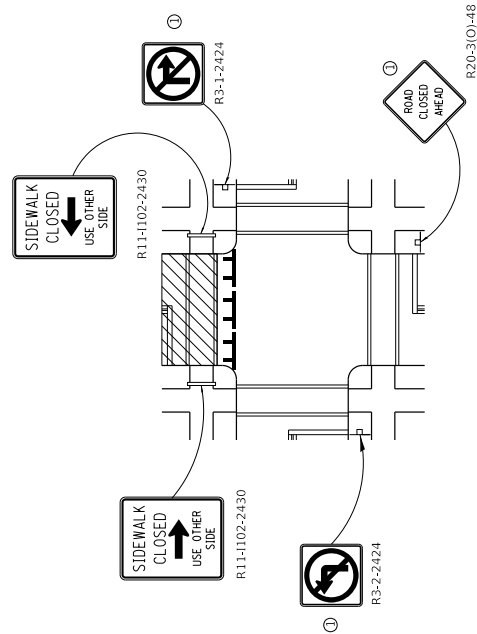
SIDEWALK, CORNER OR CROSSWALK CLOSURE

STANDARD 701801-06

(Sheet 1 of 2)



CORNER CLOSURE



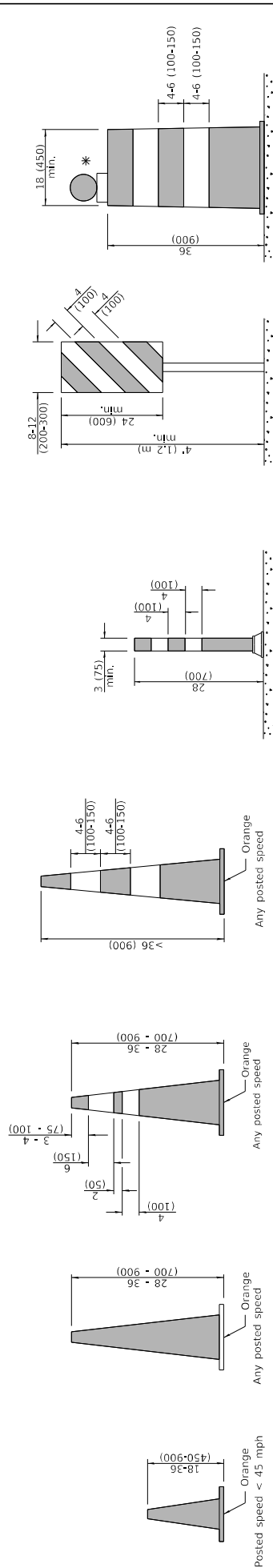
CROSSWALK CLOSURE

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

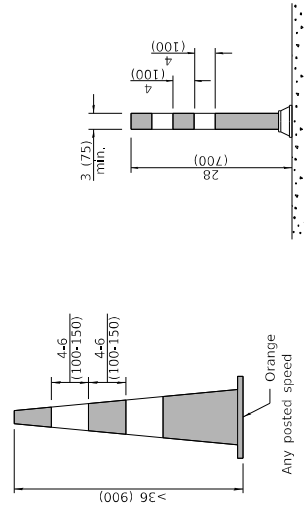
STANDARD 701801-06

	PASSED April 1, 2016 ENGINEER OF SAFETY ENGINEERING APPROVED April 1, 2016 ENGINEER OF DESIGN AND ENVIRONMENT	
	ISSUED 1-1-07	
	2016	
	2016	

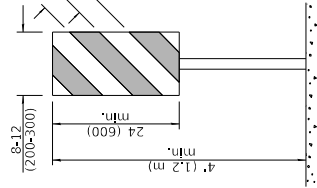


CONES

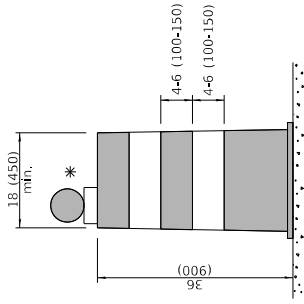
DAY OR NIGHTTIME USE



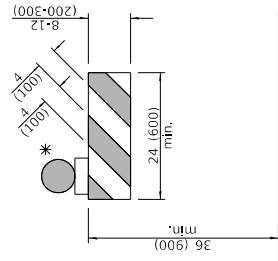
TUBULAR MARKER



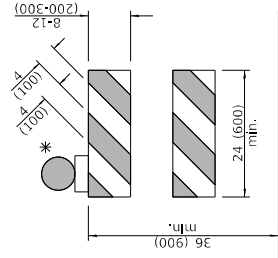
VERTICAL PANEL POST MOUNTED



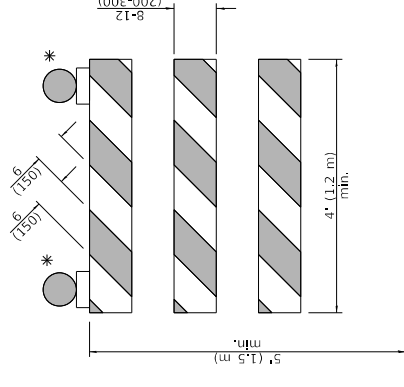
DRUM



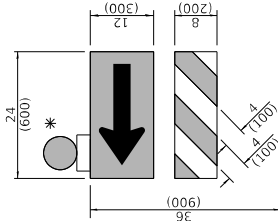
TYPE I BARRICADE



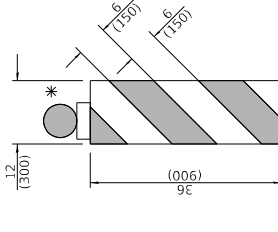
TYPE II BARRICADE



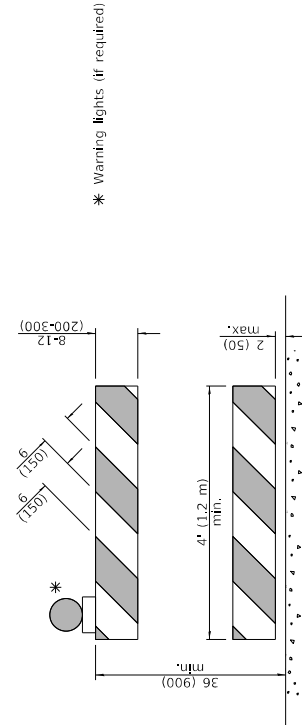
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

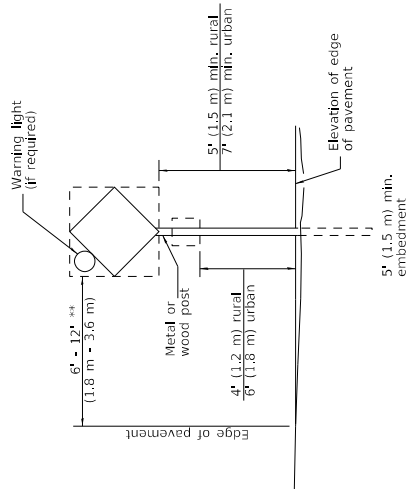
GENERAL NOTES

All heights shown shall be measured above the pavement surface.
All dimensions are in inches (millimeters) unless otherwise shown.

		ISSUED 1-1-13
APPROVED	January 1, 2019	
ENGINEER OF SAFETY PROG. AND ENGINEERING	January 1, 2019	
APPROVED	January 1, 2019	
ENGINEER OF DESIGN AND ENVIRONMENT	January 1, 2019	

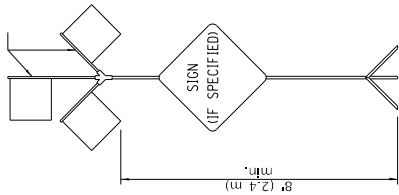
TRAFFIC CONTROL DEVICES (Sheet 1 of 3)		
DATE	REVISIONS	
1-1-19	Revised cone usage and added cones >36" (900 m) height.	
1-1-18	Revised END WORK ZONE SPEED LIMIT sign from orange to white background.	

STANDARD 701901-08



POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



HIGH LEVEL WARNING DEVICE

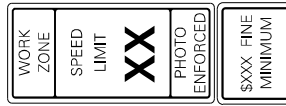
shall be sufficient completely above the devices.

SIGNS ON TEMPORARY SUPPORTS

ROAD
CONSTRUCTION
NEXT X MILES
G20-1104(0)-6036

END
CONSTRUCTION
G20-1105(0)-6024

WORK LIMIT SIGNING



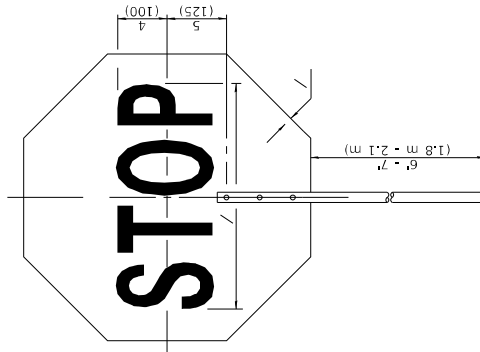
R2-1-3648

R2-1106p-3618



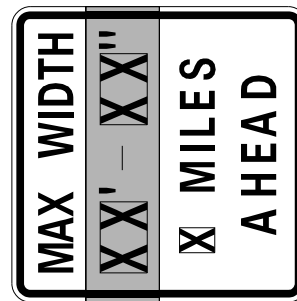
G20-1103-6036

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS



FRONT SIDE

REVERSE SIDE



W12-1103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



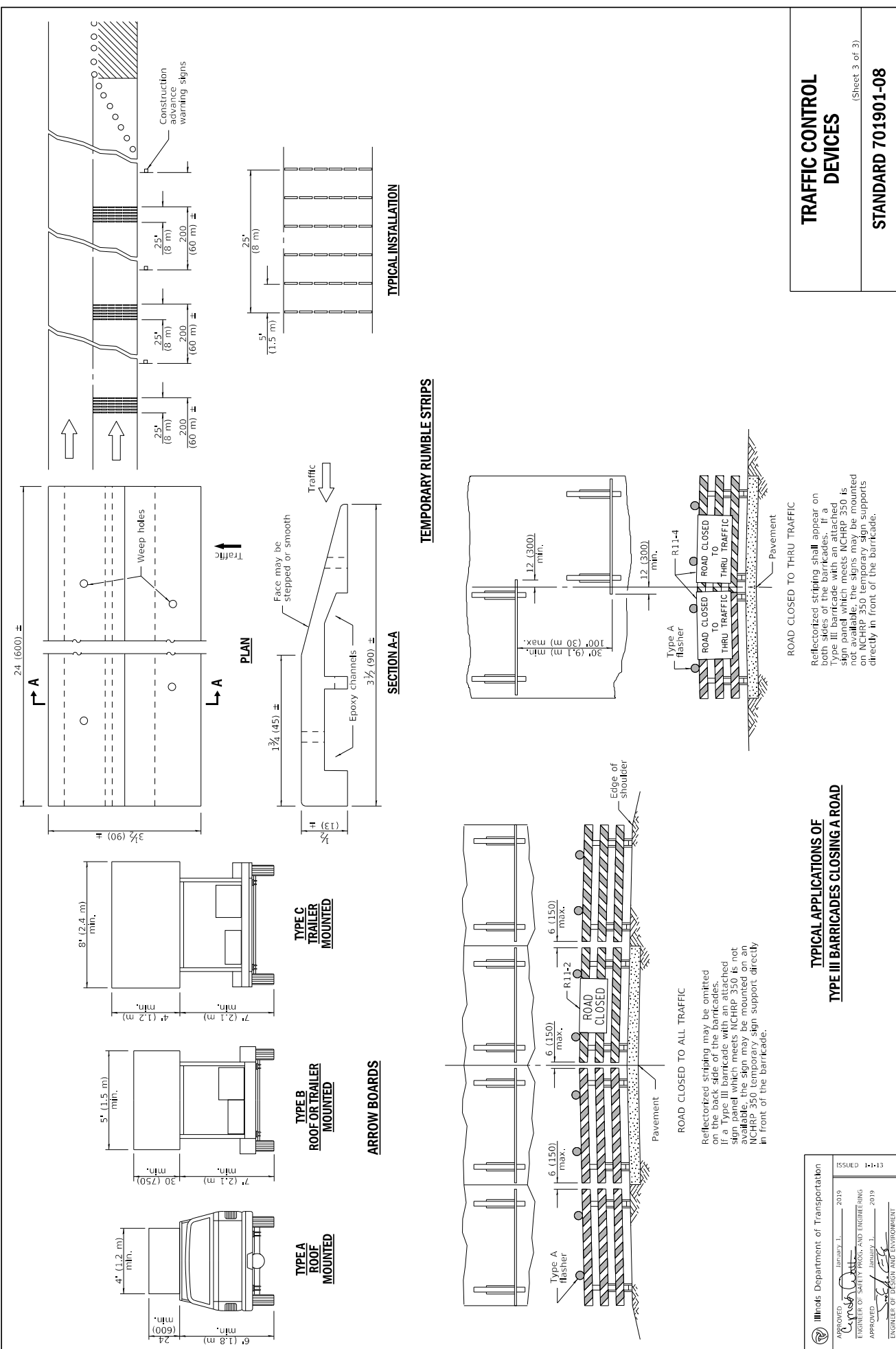
Cynthia Carter
Sally Ely

FLAGGER TRAFFIC CONTROL SIGN

TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

STANDARD 701901-08





1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER.
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT AT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BARRICADES, TYPE II OR TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER.
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT AT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
- THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY
- b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARDS. THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
 7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

(USE NAME) ■ (NAME) DESIGNED ■ L.H.A. DRAWN ■ REVISED ■ CHECKED ■ DATE ■	REVISED ■ A. HANCOCK 12-12-96 REVISED ■ T. TOMPACHER 01-06-00 REVISED ■ A. SCHUTZ 12-01-13 CHECKED ■ DATE 6-6-99	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS TC-10 CONTRACT NO.	PLAN SHEET NO. COUNTY SECTION TC-10 CONTRACT NO.
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Referral : Pre-Application Discussion for Athletic Field Renovations at BG High School at 1100 W Dundee Rd

Summary

Staff recommends discussion and referral to the Planning & Zoning Commission

Recommended Motion

SUMMARY: School District 214 is looking renovate their athletic fields at BG High School at 1100 W Dundee Road. District 214 is finalizing their plans and are seeking comments from the Village Board along with a referral to the Planning & Zoning Commission. The developer will provide the Village Board with an overview of their concept plan at the March 18th Village Board meeting.

ATTACHMENTS:

1. BOT Memo - BGHS Referral
2. Plan Set BGHS

Trustee Liason

Trustee Weidenfeld

Staff Contact

Nicole Woods, Community Development Director

MEMORANDUM

DATE: March 18, 2024

TO: Dane Bragg, Village Manager

FROM: Nicole Woods, Director of Community Development
Kelly Purvis, Deputy Director of Community Development

SUBJECT: **Pre-Application Discussion** - Proposed improvements at Buffalo Grove High School
– 1100 Dundee Road

Background

School District 214 is requesting feedback from the Board of Trustees on proposed site improvement plans for Buffalo Grove High School (BGHS). The overall project will include substantial improvements to the functionality of the existing fields, stormwater, and accessibility. The project will be completed in multiple phases.

D214 held two neighborhood meetings on February 13 and February 15, 2024. There were approximately 20 attendees at each meeting. The project team provided an overview of the project and attendees asked several questions related to programming of the fields, the materials being used (turf vs grass), field maintenance, stormwater, construction schedule and site lighting. There were no concerns or objections expressed regarding the overall project.

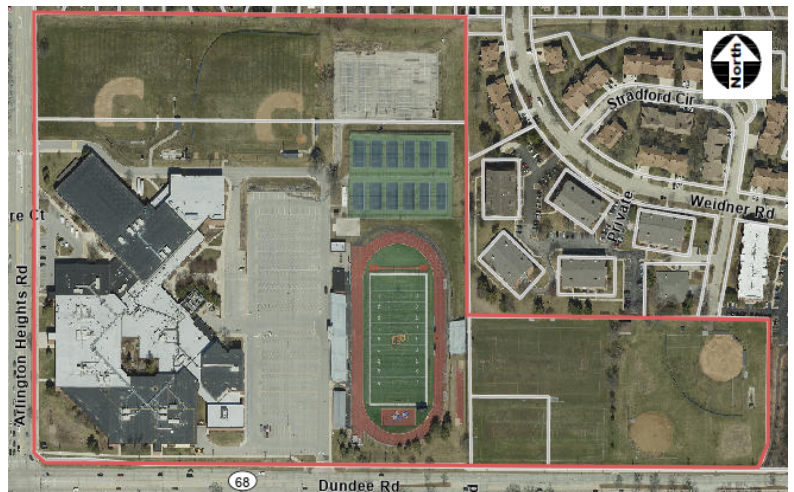


Figure 1. Site Aerial Buffalo Grove High School Campus

In order for the project to proceed, approval of an amendment to the special use, a preliminary plan, and a variation for fence heights will be needed. The petitioner is seeking comments from the Village Board along with a referral to the Planning & Zoning Commission. The following memorandum provides a brief summary of their project.

Proposed Plan

The Buffalo Grove High School Campus is a little over 45-acres in area and zoned R-1 and R-E One-Family Dwelling Districts. As previously noted, the project will be completed in multiple phases. D214 would like to proceed with approvals for Phase One and Phase Two of the project, which will be isolated to the areas north of the school building and the stadium. Phase Three of the project would tentatively consist of improvements to the stadium including replacement of the track and

field materials, and a new visitors restroom/concession facility. The full scope for phase three is still under consideration at this time.

Phase One:

Phase one will be limited to the 7.22-acre area currently improved with a baseball and softball field. The existing baseball and softball fields will be removed and, in their place, the following improvements are proposed to be constructed: a new varsity softball field with modern safety netting, enclosed dugouts, and dedicated spectator seating; a new ticket booth and fencing for controlled access, alongside a concession building, a

welcoming plaza and restroom facilities; 10 new tennis courts with spectator seating and an artificial turf multi-sport field. The School District would like to have phase one of the project under construction in the summer/fall of 2024.

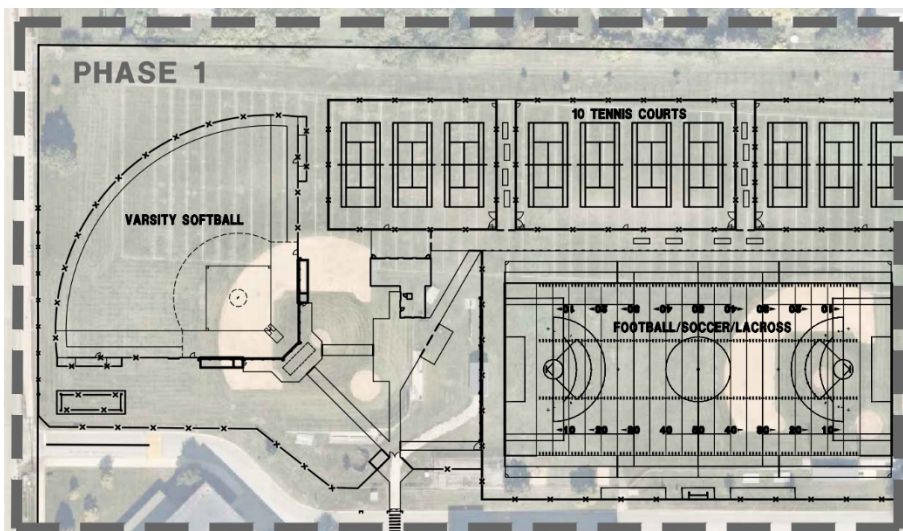


Figure 2. Phase One Site Improvement Plan

Phase Two:

Phase two of the project will include approximately 6-acres in area, east of the baseball fields and north of the stadium. The area is currently improved with a surface parking lot/retention basin and 12 tennis courts. A new varsity baseball field with safety netting, enclosed dugouts and dedicated spectator seating and a new surface parking lot with 105 spaces are proposed. Phase two is expected to be under construction in the summer/fall of 2025.

Parking:

A parking analysis prepared by Gewalt Hamilton Associates, Inc. (GHA) has been included in the referral packet. The BGHS campus is served by 655 parking spaces in four parking lots, one of which is solely for school administration. Pursuant to the Village Code, BGHS is required to have 578 parking stalls on site, based upon 2023-2024 enrollment of 1,957 students and a total of 251 faculty and teachers. Phase two of the project will include the removal of the northernmost parking lot (179 spaces) and the construction of a new surface parking lot with approximately 105 parking spaces (net loss 74 spaces). Following completion of phase two, the BGHS Campus will retain 581 parking stalls, which complies with the Village Code requirements. The parking analysis also concluded

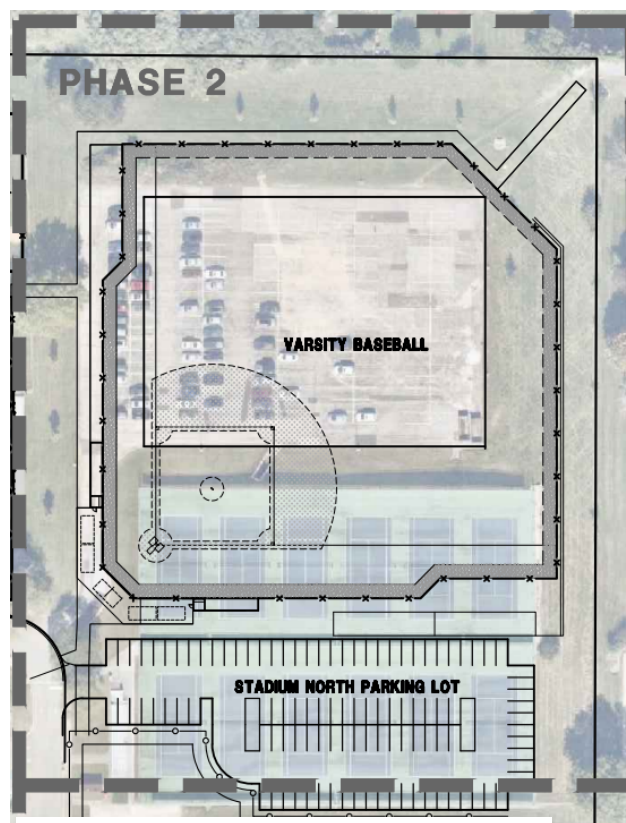


Figure 3. Phase Two Site Improvement Plan

that at peak demand, approximately 525 parking stalls will be needed, leaving 10% of the parking supply unoccupied. Accommodation may be needed for large events.

Variations:

Village Code limits fence height in residential districts to no taller than 6 feet. New 30-foot-tall safety fencing is proposed behind the bases on the softball and baseball fields and at both ends of the multi-sport field. In addition, a 10-foot chain link fence will surround each grouping of tennis courts. The Village Code does not provide any exceptions for safety fencing or fencing associated with recreational fields or courts, where taller fencing may be necessary. Staff is supportive of the fence variations as the fences are a safety feature and are typical for recreational facilities.

Landscaping:

A preliminary landscape plan has been provided for phase one and two of the project. The plan includes the installation of a significant number of new trees, shrubs and perennials/ornamental grasses. The landscape plan will be reviewed by the Village Forester as part of the formal application process.



Figure 4. Aerial of Phase One & Two Improvements

Lighting:

Site lighting is proposed near the multi-sport field. A photometric plan and light fixture cut sheet will be required as part of the formal application. It is anticipated that the lighting will comply with Village requirements.

Noise:

D102 has indicated that they will be installing speakers on the varsity softball and baseball fields as well as the multi-sport field. A noise analysis will be required as part of the formal application.

Stormwater:

The project will include extensive site regrading and enhanced stormwater management systems. At this time, there are minimal concerns as it relates to stormwater provisions. The proposed project has accounted for the necessary stormwater provisions and is currently in the MWRD permitting process.

Action Requested

D102 is seeking comments from the Village Board related to the proposed plan. Should the Board conceptually support the plan, the item can be referred to the Planning and Zoning Commission for discussion of specific details including parking, landscaping, and other zoning requirements. Based on the current configuration, the following approvals will be required:

- An Amendment to the Special Use
- Preliminary Plan
- Fence Variations for fence height

Project Description and Narrative Statement

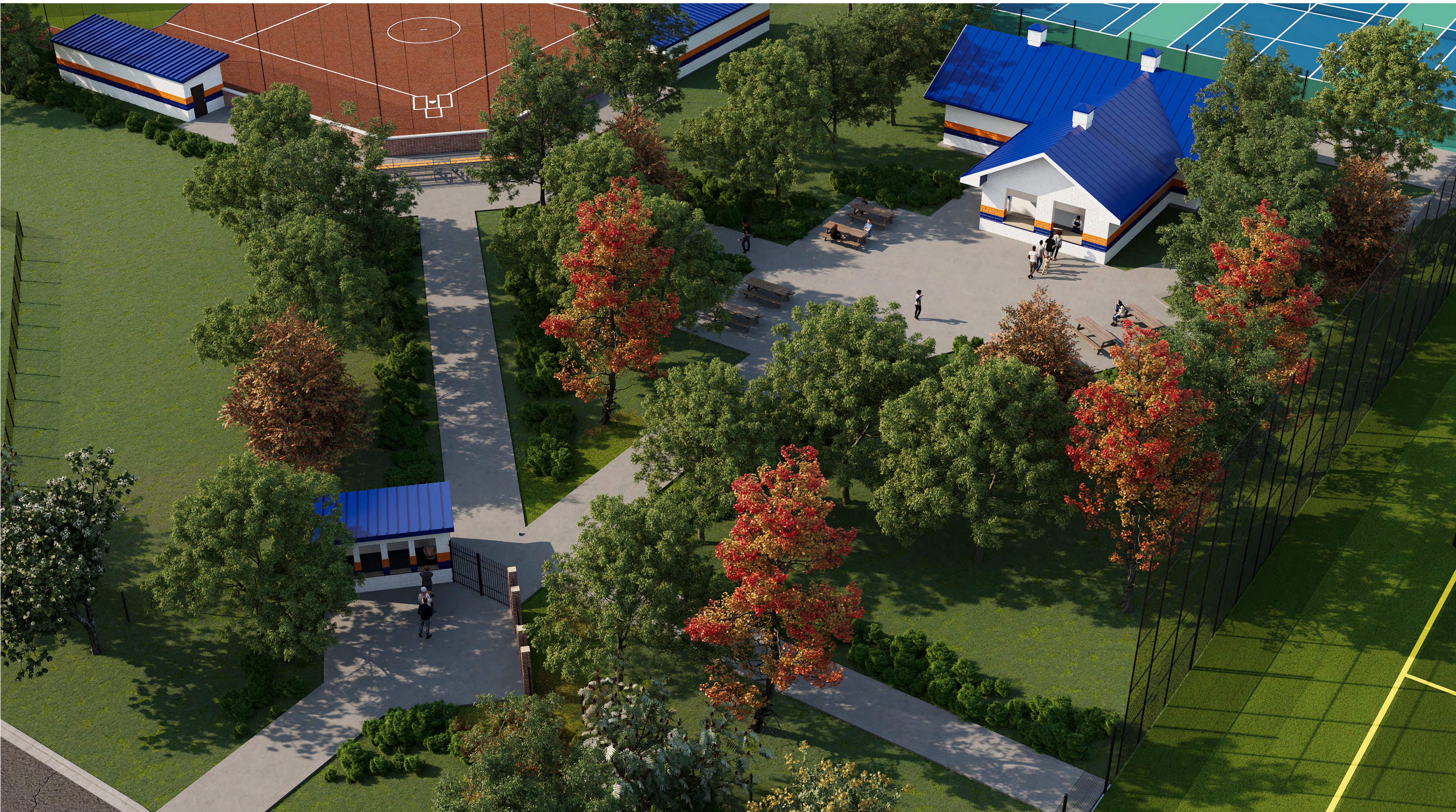
Buffalo Grove High School Athletic Field Renovations Phase 1 & 2

Township High School District 214 is embarking on a significant upgrade to the area of the existing baseball fields and stormwater retention basin on the north side of Buffalo Grove High School. This area, known as the "north shelf", was initially shaped by the disposal of excavation spoils from the school's original construction in 1972, and has seen little change since. Currently, after rainfall, the poor drainage system results in the fields remaining waterlogged for up to two weeks, leading to disruptions in the schedules of athletic teams and the mandatory physical education classes for the school's 2,000 students. Moreover, the site's compliance with the Americans with Disabilities Act (ADA) is compromised due to inadequate grading around the fields, which poses accessibility challenges for spectators. Addressing these issues through the proposed renovations will not only resolve the longstanding problems associated with drainage and accessibility but will also significantly enhance the functionality and inclusivity of the school's outdoor facilities.

The renovation project is designed to tackle the existing issues through comprehensive site regrading and the installation of advanced stormwater management systems. Beyond addressing these foundational concerns, the project ambitiously seeks to transform the area into an attractive hub for both athletes, students, and spectators. Key enhancements include the creation of premier varsity softball and baseball fields, equipped with brick backstops and modern safety netting, enclosed dugouts, and dedicated spectator seating. Enhancing visitor convenience and the overall experience, the plan incorporates a new ticket booth and strategic fencing for improved access control, alongside a concessions building with a welcoming plaza and restroom facilities—thereby introducing essential amenities to this segment of the campus. Additionally, the introduction of new tennis courts with areas specifically allocated for spectators and an artificial turf multi-sport field caters to the needs of the burgeoning athletics program and physical education classes, marking a significant step forward in fostering an inclusive and vibrant sports culture.



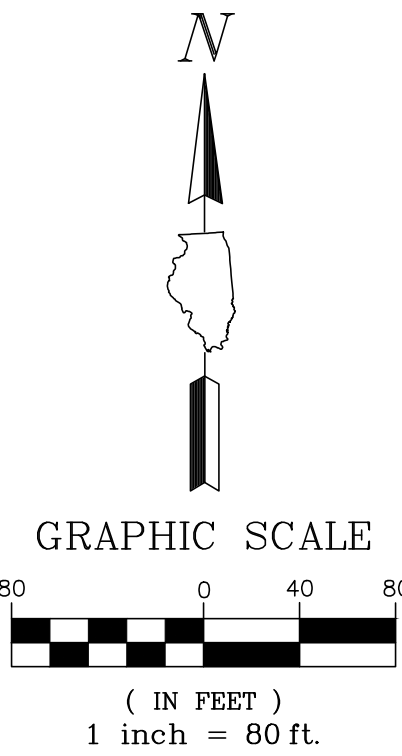
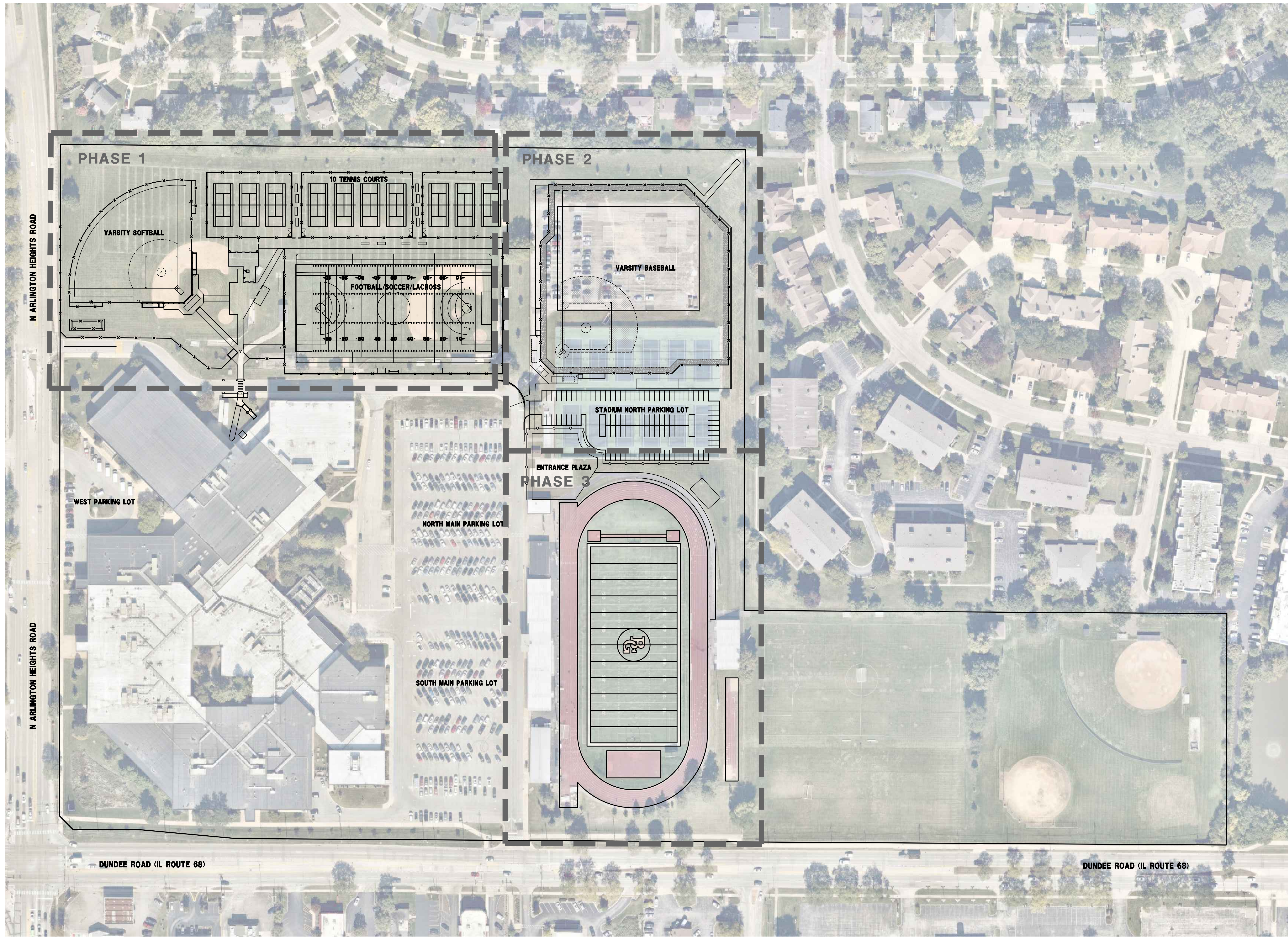
AERIAL VIEW OF PHASE 1 & 2

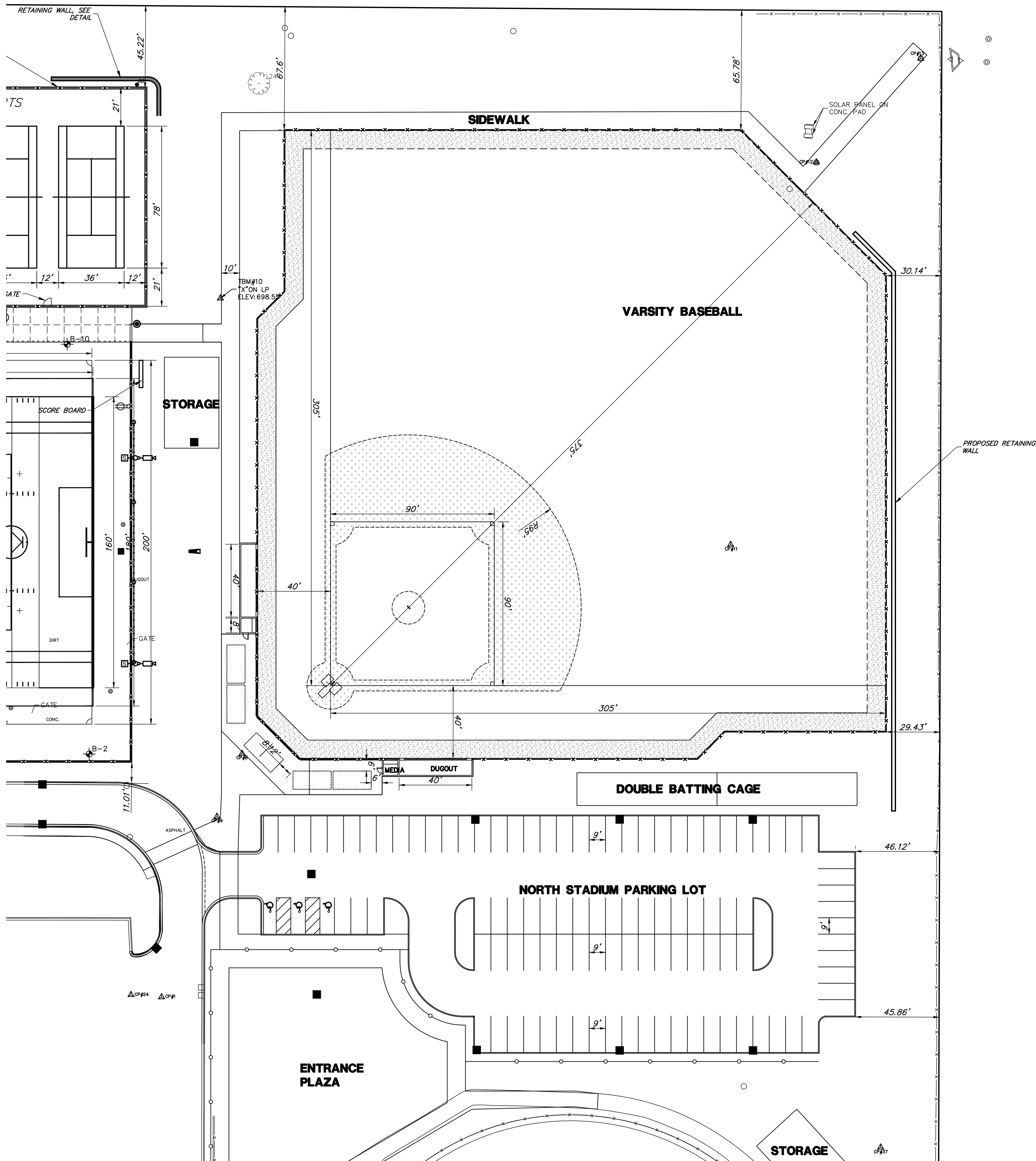
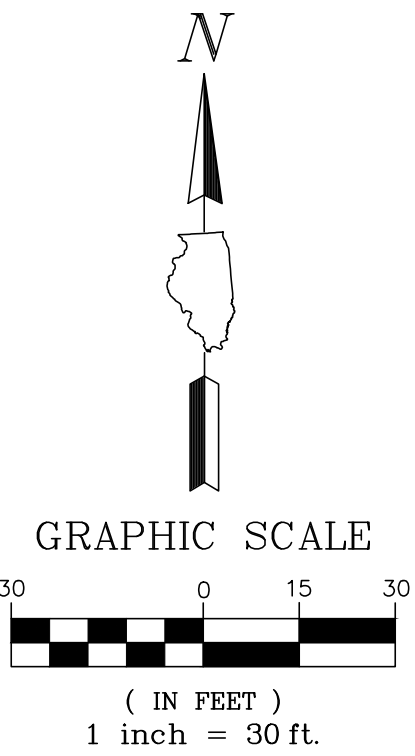


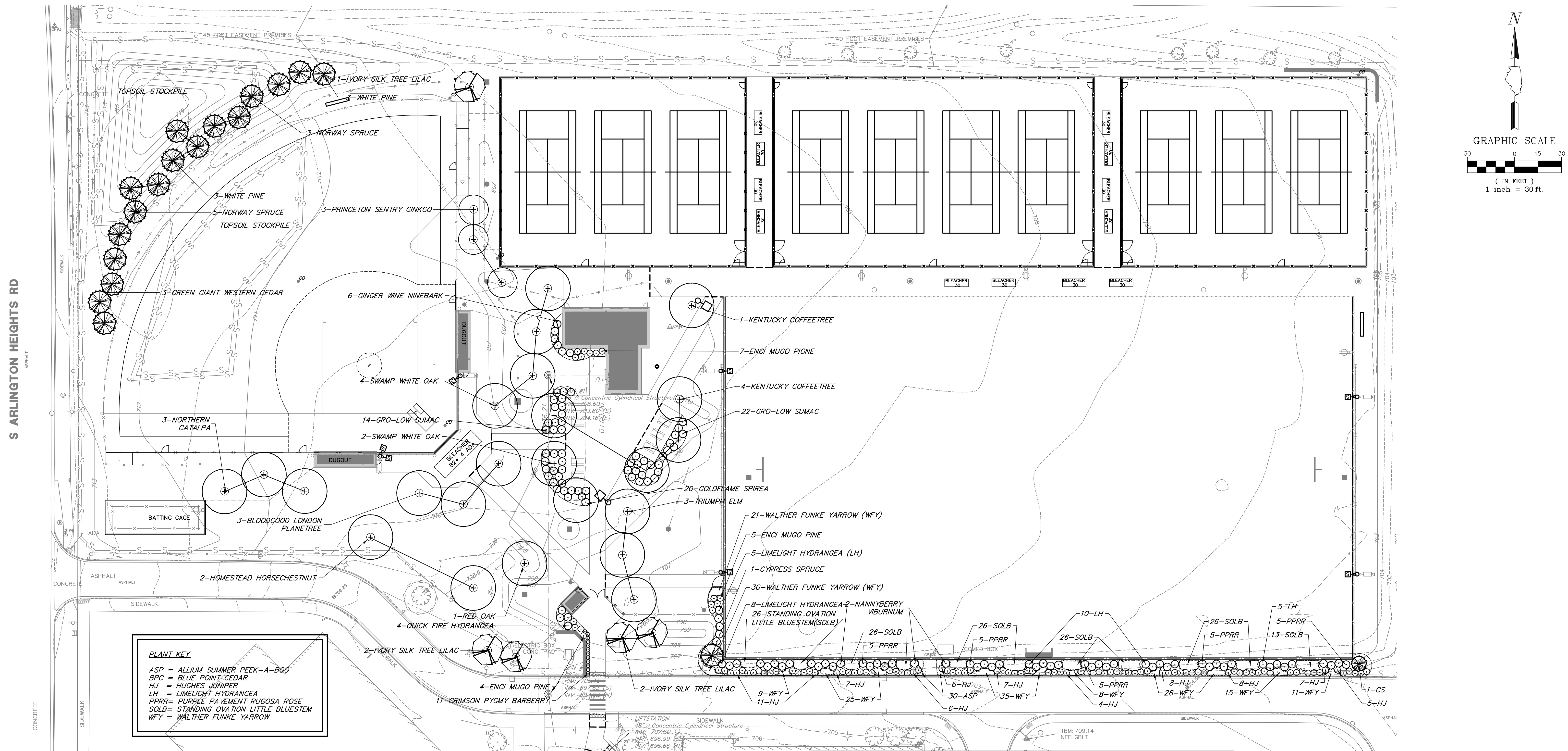
TICKET BOOTH, CONCESSION STAND AND PLAZA



SOFTBALL FIELD, TENNIS COURTS AND MULTI-SPORT TURF FIELD







TREES				
Key	Common Name	Scientific Name	Qty.	Size
CS	Princeton Sentry Ginkgo	Ginkgo biloba 'Princeton Sentry'	3	4" BB
	Bloodgood London Plantree	Platanus x acerifolia 'Bloodgood'	4	4" BB
	Cypress Spruce	Picea abies 'Cupressina'	2	7-8' BB/ 4"
	Kentucky Coffeetree	Gymnocladus dioica	5	6" BB
	Homestead Horsechestnut	Aesculus glabra octandra'Homestead	2	4" BB
	Green Giant Western Cedar	Thuja plicata 'Green Giant'	3	7-8' BB/ 4"
	Ivory Silk Tree Lilac	Syringa reticulata 'Ivory Silk'	5	4" BB
	Northern Catalpa	Catalpa speciosa	3	6" BB
	Norway Spruce	Picea abies	8	7-8' BB/ 4"
	Red Oak	Quercus rubra	1	6" BB
	Swamp White Oak	Quercus bicolor	5	6" BB
	Triumph Elm	Ulmus x 'Morton Glossy'	3	4" BB
White Pine	Pinus strobus	3	7-8' BB/ 4"	
White Pine	Pinus strobus	3	9' BB, 6"	
Total Trees			50	

Key	Common Name	Scientific Name	Qty.	Size
	Crimson Pygmy Barberry	Berberis thunbergii 'Crimson Pygmy'	11	5 gal.
	Enci Mugo Pine	Pinus mugho 'Enci'	16	5 gal.
	Goldflame Spirea	Spiraea x bumalda 'Goldflame'	20	5 gal.
	Gro-Low Sumac	Rhus aromatica 'Gro Low'	36	5 gal.
HJ	Hughes Juniper	Juniper horizontalis 'Hughes'	75	5 gal.
LH	Limelight Hydrangea	Hydrangea paniculata 'Limelight'	28	24-30" ht.
	Nannyberry Viburnum	Viburnum lentago	2	36" BB
	Ninebark Ginger Wine	Physocarpus opulifol. 'Ginger Wine'	6	5 gal.
PPRR	Purple Pavement Rugosa Rose	Rosa rugosa 'Purple Pavement'	29	3 gal.
	Quick Fire Hydrangea	Hydrangea paniculata 'Quick Fire'	4	5 gal.
PERENNIALS/ORNAMENTAL GRASS			Total Shrubs	227
Key	Common Name	Scientific Name	Qty.	Size
WFY	Walter Funcke Yarrow	Achillea millefolium 'Walter Funcke'	173	1 gal.
SOLB	Standing Ovation Little Bluestem	Schizachyrium scoparium 'Standing Ovation'	143	1 gal.
ASP	Allium 'Summer Peek-A-Boo'	Allium 'MGssmmmpkb 13'	30	1 gal.

PLANT SCHEDULE

STR

STR Partners, LLC
350 West Ontario Street | Suite 200
Chicago, IL 60654
www.strpartners.com



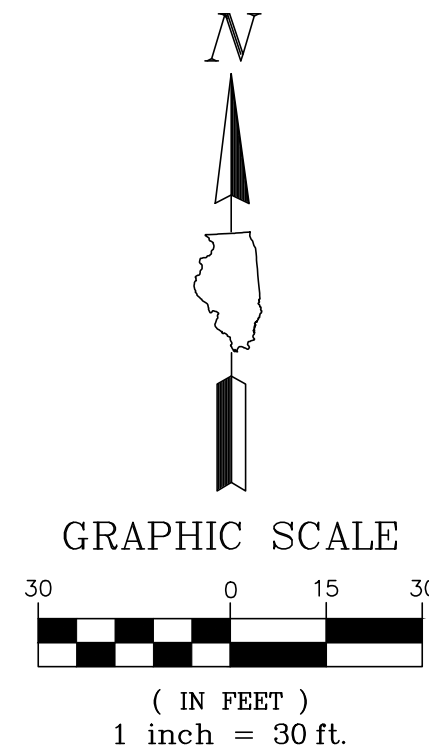
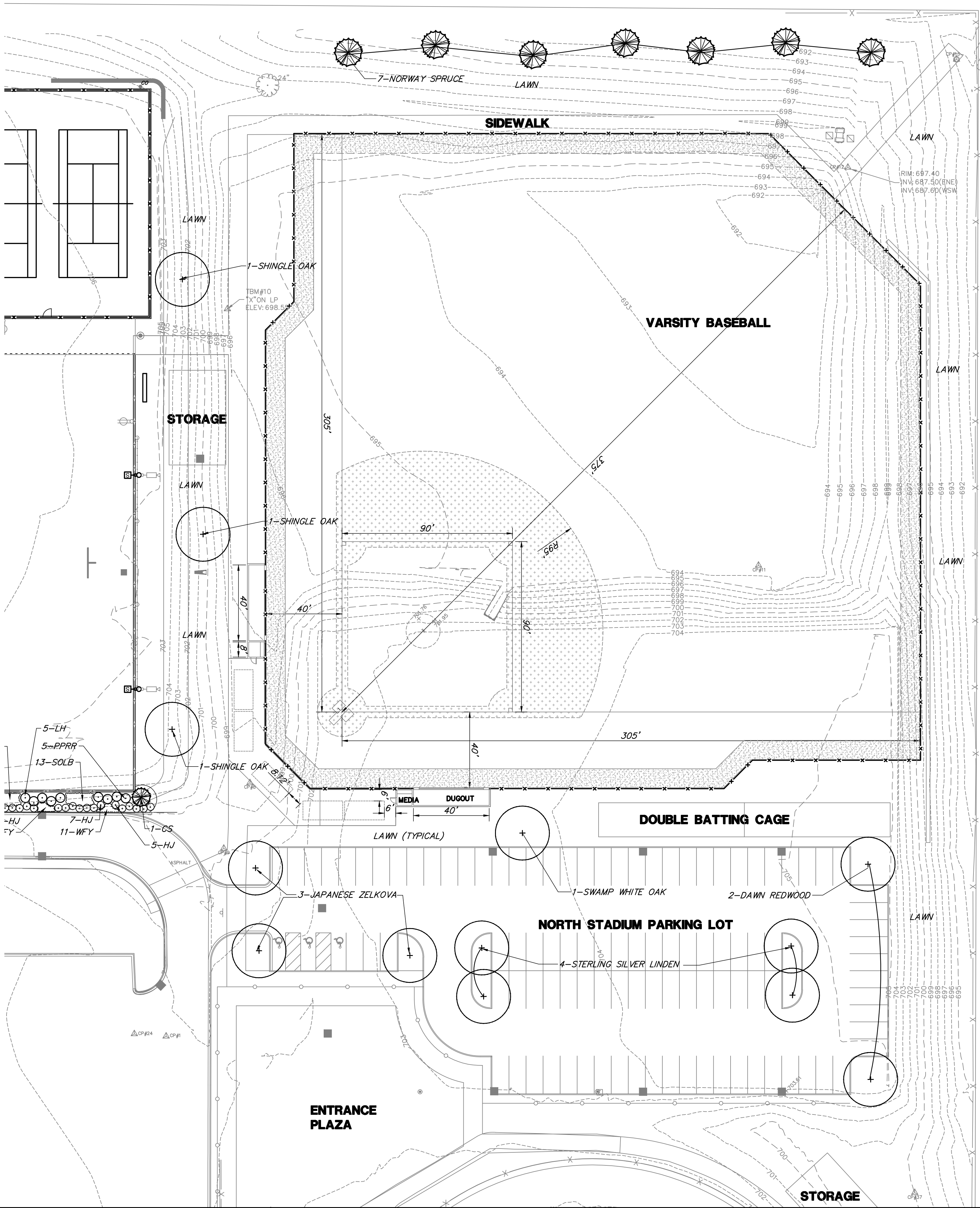
625 Forest Edge Drive ■ Vernon Hills, IL. 60061
TEL 847.478.9700 ■ FAX 847.478.9701

PHASE 1 FIELD RENOVATIONS LANDSCAPE PLAN

D214 BGHS ATHLETIC FIELD RENOVATIONS PHASING

1100 W Dundee Road, Buffalo Grove, IL 60089

Township High School District 214
2/13/2024



PLANT LIST		
QTY.	PLANT NAME	SIZE
3	SHINGLE OAK	3" BB
3	JAPANESE ZELKOVA	3" BB
1	SWAMP WHITE OAK	3" BB
2	DAWN REDWOOD	3" BB
4	STERLING SILVER LINDEN	3" BB
7	NORWAY SPRUCE	7" BB

Memorandum

To: Aneta Mistak, District 214
Jeff Daurer, District 214
Andrew Phelps, STR Partners, LLC

From: David Westergreen, GHA

Copy: Don Matthews, GHA

Date: February 20th, 2024

Subject: Parking Analysis
Buffalo Grove High School
1000 W Dundee Road
Buffalo Grove, Illinois 60089

Part I. Introduction and Project Context

Gewalt Hamilton Associates, Inc. (GHA) has conducted a Parking Analysis for the existing Buffalo Grove High School campus. The school is located at 1000 W Dundee Road, at the northeast corner of Arlington Heights Road and W Dundee Road, in Buffalo Grove, IL. The student body of Buffalo Grove High School is reported at 1,957 students enrolled for the 2023-2024 school year. The staff count for Buffalo Grove High School is 251 teachers and faculty.

The school is served by a total of 655 parking spaces including 10 accessible spaces, 6 electric vehicle spaces, and 7 small bus and van spaces. The spaces are divided into four parking lots: the west administration lot, the main north lot, the main south lot, and the remote lot. There are three (3) full driveway accesses to the school. One access is a signalized intersection with W Dundee Road, and two are full unsignalized accesses along the east side of Arlington Heights Road. One of the access drives is exclusively for the administration lot and the other access is for the drop-off lane and access to the main and remote parking lots. Student parking is only available in the main parking lots and the remote lot.

The following provides a summary of existing conditions and the Parking Analysis conducted. *Exhibits* and *Appendices* referenced are located at the end of this document.

Part II. Background Information

Site Location Map and Roadway Inventory

Exhibit 1 provides a site location map as well as a map of the existing parking lots.

Roadway Network

Arlington Heights Road is a north-south, minor arterial roadway providing a five-lane cross-section (2 travel lanes in each direction with a paved median providing turn lanes) with a posted speed limit of 35 mph in the site vicinity. There is a signalized intersection southwest of the property at Arlington Heights Road and W Dundee Road. Arlington Heights Road is under the jurisdiction of Cook County in the vicinity of the site.

W Dundee Road (IL Route 68) is an east-west, other principal arterial roadway providing a 4-lane cross-section (two travel lanes in each direction) with a posted speed limit of 35 mph in the site vicinity. There is a signalized intersection southwest of the property at Arlington Heights Road and W Dundee Road. Arlington Heights Road is under the jurisdiction of Cook County in the vicinity of the site. W Dundee Road widens on approach to this signalized intersection to provide dual left-turn lanes in each direction onto Arlington Heights Road. W Dundee Road is under the jurisdiction of the Illinois Department of Transportation.

Pedestrian Facilities

Sidewalks are provided along both the west and south sides of the site adjacent to the roadways. Zebra-style striped crosswalks are maintained across all three of the site drives, and Continental-style striped crosswalks are maintained across W Dundee Road and Arlington Heights Road at the two signalized intersections in the site vicinity.

Part III. Parking Evaluation

Parking Requirements

Based on the parking requirements outlined in the Village of Buffalo Grove Municipal Code, 1 parking spot is required for every faculty member, as well as 1 parking spot is required for every 6 students for high schools. This total number of parking spaces required for Buffalo Grove High School with 2023-2024 enrollment is 578 spaces. The excerpt of the Village Code can be found in **Appendix A**.

Parking Supply and Occupancy Survey – Buffalo Grove High School

A parking supply and occupancy survey of the parking serving Buffalo Grove High School was conducted on Tuesday, February 12th, 2024, from 7:00 AM to 9:00 AM and 2:00 PM to 4:00 PM. The results of the parking survey are summarized on the exhibit contained in **Appendix B**. See **Exhibit 1** for a map of parking spaces.

The findings of the survey are summarized below:

- A total of 655 parking spaces were surveyed: 20 spaces to the west of the building (areas A to B on the map), 229 parking spaces in the north main parking lot (areas C to I on the map), 206 parking spaces in the south main parking lot (areas J to P on the Map), and 179 parking spaces in the remote lot (areas Q to U on the map), and the 23 spaces for bus, ADA, and electric vehicles.
- Approximately 80 percent (525 of 655) of the total parking spaces surveyed were occupied at the building's observed peak occupancy, which occurred between 8:00 and 9:00 AM.
- Our observations indicate that the occupancy of the parking lot slowly reduced during the day after the scheduled start of school at 8:00 AM, as students leave campus for various reasons before the school dismissal at 3:00 PM.
- Based on the maximum occupied parking spaces (525), and the total student count (1957) and faculty count of 251, the observed peak parking rate per student for the existing school is 1 parking space for every 7 students, which is less than the ratio required by the Village Municipal Code (1 space per 6 students). This measurement does assume that every member of the 251 faculty park on site daily.

GHA has been retained to design site updates to Buffalo Grove High School. For the latest proposed plan, see **Appendix C**. The updates include changing locations of the baseball and softball fields, changing location of the tennis courts, and removal of the remote lot in favor of a smaller new lot closer to the football stadium. With these changes, a parking total of 581 spaces is expected. With 578 parking spaces being required by 2023-2024 enrollment, Buffalo Grove High School still meets Village code parking requirements.

- A summary of the parking observations can be found in **Exhibit 2**.

- As a guideline, parking demand should not exceed 90% of the supply. This allows more efficient parking as motorists can more readily find open spaces. With 2023-2024 enrollment, the observed parking demand was 90% of the capacity of the future parking supply.

Part IV. Recommendations and Conclusions

A Parking Analysis was performed for Buffalo Grove High School. In summary, the existing parking spaces are sufficient to meet the observed parking demand as well as Village code.

Even after the site updates, which will reduce parking from 655 spaces in the existing condition to 581 spaces in the future condition, Village code is met based on the 2023-2024 school enrollment.

Should school enrollment increase or new hires to faculty be made, new parking spaces may need to be added to meet the Village Code. For non-school hours special events, such as heavily attended football games or other school functions, we recommend that off-site parking be made available. We understand that the school has an agreement with nearby Henry Wadsworth Longfellow School to utilize that school's parking if needed.

Part V. Technical Addendum

The following *Exhibits* and *Appendices* were previously referenced. They provide technical support for our observations, findings and recommendations discussed in the text.

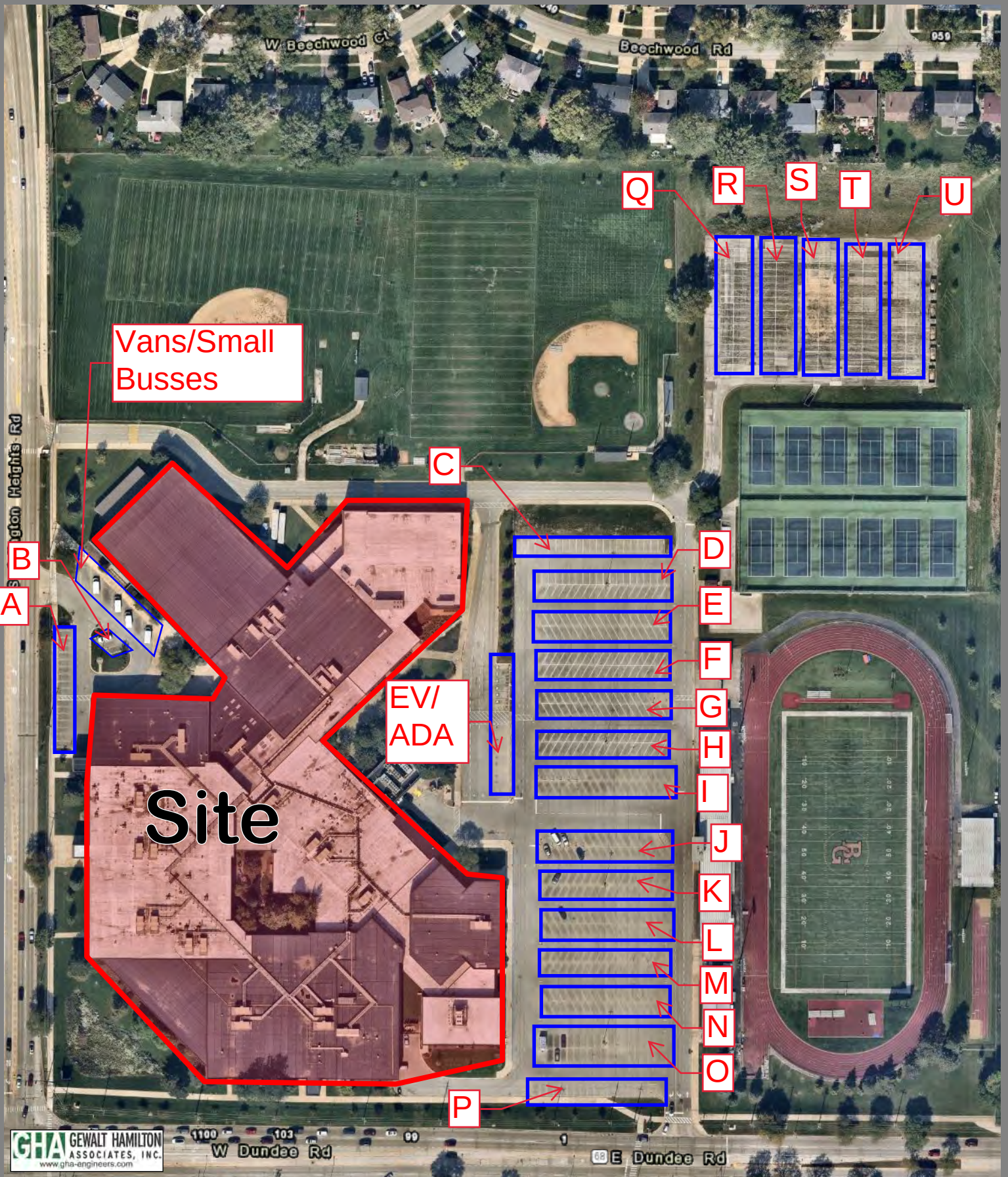
Exhibits

1. Location Map
2. Parking Calculations

Appendices

- A. Village of Buffalo Grove Municipal Code Excerpts
- B. Buffalo Grove High School – Parking Occupancy Survey
- C. Proposed Future Plan

5651.145 Buffalo Grove High School Parking Study.docx



1 inch = 225 Feet

Exhibit 1 - Location Map

Buffalo Grove High School
Buffalo Grove, Illinois

Exhibit 2 Weekday Peak Parking Calculations Buffalo Grove High School

1. Current Demand

		7:00 - 8:00	8:00 - 9:00	2:00 - 3:00	3:00 - 4:00
		AM	AM	PM	PM
A. Weekday Parking	Total =	655	118	525	470
	% Occupied	18%	80%	72%	27%

2. Subtracted Parking Spaces

76
 Spaces Lost

3. Future Demands

		8:00 AM	9:00 AM	2:00 PM	3:00 PM
A. Weekday Parking	Total =	581	118	525	470
	% Occupied	20%	90%	81%	31%

Parking Occupancy Key

≤ 60% occupied	
≤85% but >60% occupied	
>85% occupied	

- A. Schedule of Requirements. Requirements governing the number of off-street parking and off-street loading facilities in relation to the use of property are established hereinafter in sections of this Title, The parking and loading requirements for any use not specified herein shall be the same as for a similar specified use as determined by Sections 17.36.040 and 17.36.050.
- B. Floor Area. The term "floor area" as employed herein in the case of office, merchandising or service types of use shall mean the gross floor space of a building or structure.
- C. Residential Uses.
 - 1. Dwelling, detached: 2.0 spaces per dwelling unit.
 - 2. Dwelling, semi-detached and attached: 2.0 spaces per dwelling unit.
 - 3. Dwelling, two-family and multiple-family: 1.7 spaces per dwelling unit.
 - 4. Apartment for senior citizens (fifty-five years of age and older): 1.0 space per dwelling unit plus 1.0 space per employee.
 - 5. Dormitory: 5.0 spaces per one thousand square feet of floor area.
 - 6. Convent, rectory: 2.0 spaces per one thousand square feet of floor area.
 - 7. Convalescent home, nursing home: 1.0 parking space for every four beds, plus one for each vehicle used in the conduct of the enterprise.
- D. Manufacture and Industrial Uses. 2.0 spaces per every three employees.
- E. Transportation, Communication and Utilities.
 - 1. Airport, bus terminal, heliport, railroad passenger terminal: spaces as required after review by the Planning and Zoning Commission plus additional parking for retail service uses.
 - 2. Air freight terminal, newspaper distribution facility, railroad freight terminal: 2.0 spaces per every three employees.
 - 3. Microwave relay towers, radar installations and towers, radio and television stations and towers, parking garage, parking lot: 1.0 space per employee.
 - 4. Telegraph office, telephone operator and business office: 4.0 spaces per one thousand square feet of floor area.
 - 5. Public and private utilities installation: 2.0 spaces per every three employees.
 - 6. Auto graveyards, dumps, junk yards, sanitary landfill: 2.0 spaces per each employee.
 - 7. Cartage and express facilities, motor freight terminal: 2.0 spaces per each three employees.
- F. Retail and Wholesale Trade.
 - 1. General commercial/retail (individual businesses): 1.0 space per two hundred fifty square feet of floor area.
 - 2.

Shopping Centers: 1.0 space per two hundred twenty square feet of floor area. In a case where a major tenant is of a nature that would require a significant deviation from this standard, the parking requirement for that individual use shall be used.

3. Eating and drinking establishments: 1.0 space per one hundred square feet of floor area. Establishments with a drive-thru window shall provide a minimum of ten stacking spaces per window.
4. Household appliance stores, furniture stores, motor vehicle sales: 2.0 spaces per one thousand square feet of floor area.

G. Services and Institutions.

1. Business and professional offices: 1.0 space per every three hundred square feet of floor area.
2. Bank, savings and loans, and financial institutions: 1.0 space per every two hundred fifty square feet of floor area.

Drive-in establishments shall provide six stacking spaces per teller or customer service area.

3. Auto laundry: 1.0 space per employee.
4. Hotel, motel: 1.0 space per each dwelling unit plus one space per each employee plus additional parking spaces for the retail/service/entertainment areas.
5. Animal kennel and hospitals: 4.0 spaces per every one thousand square feet of floor area.
6. Health or medical institutions or sanitarium: 1.5 spaces per every one thousand square feet of floor area.
7. Dental and medical clinic or office: 5.0 spaces per every one thousand square feet of floor area.
8. Funeral parlor: 4.0 spaces per one thousand square feet of floor area.
9. Day care center, child care center, nursery school, pre-school: 2.0 spaces per every one thousand square feet of floor area.
10. Boarding school, elementary school, junior high school: 1.0 space per employee.
11. Senior high school: 1.0 space per employee plus 1.0 space per every six students based on rated design capacity.
12. College, junior college, university: 1.0 space per every two employees plus 1.0 space per each four students based on rated design capacity.
13. Business school, commercial school, trade school, vocational school: 1.0 space per employee plus 1.0 space per student based on rated design capacity.
14. Dance school, music school, vocal school: 1.0 space per employee plus 1.0 space per every three students based on rated design capacity.

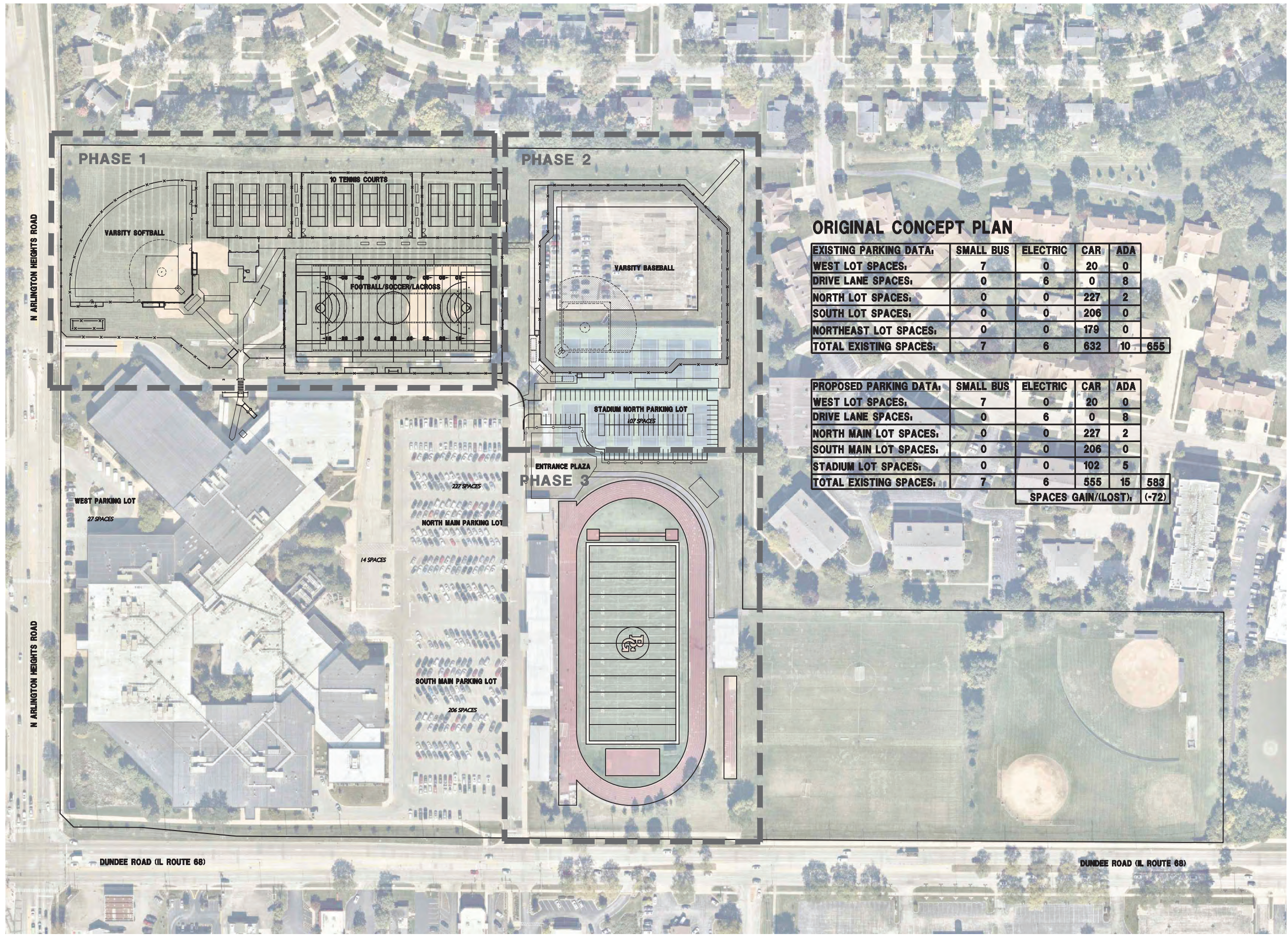
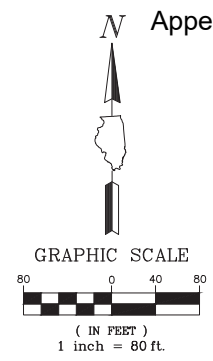
15. Governmental services: 4.0 spaces per one thousand square feet of floor area.
16. Chapel, church, synagogue, temple: 1.0 space per three seats based on rated design capacity.
17. Philanthropic and charitable institutions, religious retreat: 1.0 space per one thousand square feet of floor area.

H. Cultural Uses, Entertainment and Sports.

1. Art gallery, historic site, library, museum: 2.0 spaces per one thousand square feet of floor area.
2. Community center, convention hall, exhibition hall, meeting hall, recreation building: 1.0 space per one thousand square feet of floor area.
3. Amphitheater, auditorium fairgrounds, fieldhouse: 1.0 space per four seats.
4. Theater: 1.0 space per 2.5 seats.
5. Amusement park, miniature golf, kiddie park: 3.0 spaces per one thousand square feet of floor area plus 3.0 spaces per one thousand square feet of land area.
6. Billiard hall, bowling alley, pool hall, skating rink: 10.0 spaces per one thousand square feet of floor area.
7. Golf course, full size: 60.0 spaces per nine holes (regular golf).
8. Camping grounds, outdoor rifle, trap, skeet shooting range: 1.0 space per two thousand square feet of land area.
9. Athletic field, public parks and playgrounds, tennis courts club: 1.0 space per five thousand square feet of land area.
10. Public swimming pool: 1.0 space per five thousand square feet of land area plus 1.0 space per seventy-five square feet of water area.

(Ord. No. 2014-43, § 29, 6-16-2014)

Appendix B						
Buffalo Grove High School						
Location	Supply	Tuesday, February 13th 2024				
Parking Bay	Parking Bay Total	7:00 - 8:00 AM	8:00 - 9:00 AM	Midday Gap	2:00 - 3:00 PM	3:00 - 4:00 PM
A	17	12	14	-	12	8
B	3	3	3	-	3	2
C	22	1	22	-	21	10
D	37	2	37	-	33	16
E	34	2	34	-	28	15
F	34	14	34	-	28	11
G	34	14	34	-	29	10
H	34	15	34	-	34	10
I	34	6	34	-	32	15
J	30	9	27	-	29	11
K	32	8	30	-	26	8
L	31	5	26	-	25	5
M	30	4	25	-	23	9
N	30	5	29	-	29	5
O	32	6	31	-	24	10
P	19	5	16	-	12	7
Q	36	0	36	-	28	7
R	36	0	34	-	23	8
S	36	0	14	-	10	3
T	36	0	1	-	11	1
U	35	0	0	-	0	0
Van/Electric/ADA	23	7	10	-	10	7
Occupied Total:	655	118	525	-	470	178



ORIGINAL CONCEPT PLAN

EXISTING PARKING DATA:	SMALL BUS	ELECTRIC	CAR	ADA	
WEST LOT SPACES:	7	0	20	0	
DRIVE LANE SPACES:	0	6	0	8	
NORTH LOT SPACES:	0	0	227	2	
SOUTH LOT SPACES:	0	0	206	0	
NORTHEAST LOT SPACES:	0	0	179	0	
TOTAL EXISTING SPACES:	7	6	632	10	655

PROPOSED PARKING DATA:	SMALL BUS	ELECTRIC	CAR	ADA	
WEST LOT SPACES:	7	0	20	0	
DRIVE LANE SPACES:	0	6	0	8	
NORTH MAIN LOT SPACES:	0	0	227	2	
SOUTH MAIN LOT SPACES:	0	0	206	0	
STADIUM LOT SPACES:	0	0	102	5	
TOTAL EXISTING SPACES:	7	6	555	15	583
SPACES GAIN/(LOST):					(-72)



Executive Session : Executive Session - Section 2(C)(1) of the Illinois Open Meetings Act: the Appointment, Employment, Compensation, Discipline, Performance, or Dismissal of Specific Employees of the Public Body or Legal Counsel for the Public Body, Including Hearing Testimony on a Complaint Lodged Against an Employee of the Public Body or Against Legal Counsel for the Public Body to Determine Its Validity.

Summary

Executive Session - Section 2(C)(1) of the Illinois Open Meetings Act: The appointment, employment, compensation, discipline, performance, or dismissal of specific employees of the public body or legal counsel for the public body, including hearing testimony on a complaint lodged against an employee of the public body or against legal counsel for the public body to determine its validity.

Recommended Motion

Staff recommends going into executive session.

ATTACHMENTS:

None

Trustee Liason

Staff Contact

Dane Bragg, Village Manager



**Executive Session : Executive Session - Section 2(C)(21)
of the Illinois Open Meetings Act: Discussion of Minutes
of Meetings Lawfully Closed Under This Act, Whether for
Purposes of Approval by the Body of the Minutes or
Semi-Annual Review of the Minutes as Mandated by
Section 2.06.**

Summary

Executive Session - Section 2(C)(21) of the Illinois Open Meetings Act: Discussion of Minutes of Meetings Lawfully Closed Under This Act, Whether for Purposes of Approval by the Body of the Minutes or Semi-Annual Review of the Minutes as Mandated by Section 2.06.

Recommended Motion

ATTACHMENTS:

None

Trustee Liason

Staff Contact

Dane Bragg, Village Manager