AGENDA

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026 at 7:00 PM

Jeffrey S. Braiman Council Chambers, Village Hall
50 Raupp Blvd, Buffalo Grove, IL 60089

1. Call to Order

a. Pledge of Allegiance

b. Roll Call

2. Approval of Minutes

a. Minutes of the December 1, 2025 Village Board Regular Meeting

b. Minutes of the December 9, 2025 Village Board Special Meeting

3. Approval of Warrant

a. Approval of Warrant #1389 (Trustee Cesario, Chris Black)

4. Village President's Report

a. The Rotary Club of Buffalo Grove will be presenting the Bill Reid Award to Carolyn Lewis (President Smith, Molly Gillespie)

5. Village Manager's Report

a. Oath of Office and Badge Presentation to New Sergeant Michael Carlson (Trustee Richards, Brian Budds)

b. Area Library Reading Programs (President Smith, Dane Bragg)

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.

a. Motion to Waive Bids and Negotiate for the purchase of a replacement K-9 vehicle for the Police Department (Trustee Cesario, Chris Krase)

b. O-2026-1 Ordinance Authorizing a Contract with Midwest Power Industry Inc., for Generator Maintenance & as Needed Repairs (Trustee Weidenfeld, Chris Krase)

c. O-2026-2 Ordinance Amending Parking Restrictions To Bernard Drive (Trustee Weidenfeld, Briget Schwab)

d. O-2026-3 Ordinance Approving Amendment 1 of the Intergovernmental Agreement with the Lake County Stormwater Management Commission to Receive Funding for Bordeaux Natural Area (Trustee Weidenfeld, Briget Schwab)

e. O-2026-4 Ordinance approving an amendment to the Planned Development with Variations for an updated sign package for Veterinary Emergency Group at 43 McHenry Road. (Trustee Ottenheimer, Nicole Woods)

f. R-2026-1 Resolution Approving the 2026 Pay Ranges for the Village of Buffalo Grove Employees (Trustee Bocek,)

g. O-2026-5 Ordinance Authorizing the Village to Execute a Contract with AECOM Technical Services, Inc., to Update the Villages Risk and Resilience Assessment and Emergency Response Plan (Trustee Weidenfeld, Chris Krase)

9. Ordinances and Resolutions

a. O-2026-6 Ordinance Approving an Amendment to the Planned Development and Preliminary Plan and Approval of a Sign Package with Variations for Chase Plaza at 1160 Lake Cook Road (Trustee Ottenheimer, Nicole Woods)

b. O-2026-7 Ordinance Authorizing the Purchase of four (4) Police Department Vehicles and two (2) Public Works Department Vehicles from Currie Motors (Trustee Cesario, Chris Krase)

c. O-2026-8 Ordinance Authorizing the Village to Execute a Contract for Engineering Services with Ciorba Group Inc. For Sanitary Sewer Systems Annual Documentation and Compliance (Trustee Weidenfeld, Chris Krase)

d. O-2026-9 Ordinance Authorizing a Contract with Bolder Contractors LLC for the Northern Old Lake County Street and Water Improvements Project (Trustee Weidenfeld, Briget Schwab)

10. Unfinished Business

11. New Business

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

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.

AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 2.a.
Minutes of the December 1, 2025 Village Board Regular Meeting

Contacts

Liaison: Clerk Sirabian
Staff: Samina Shaikh

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve the minutes of the December 1, 2025 Village Board Regular Meeting.

Summary

N/A

Strategic Alignment

Guiding Principle

Principle 2: Outstanding Village Services

Goal

Goal 1: Maintained effective village government: fiscally responsible and providing outstanding, responsive services

File Attachments

1. Minutes - 12/01/2025 Regular Meeting

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, BUFFALO GROVE, ILLINOIS MONDAY, DECEMBER 1, 2025

CALL TO ORDER

President Smith called the meeting to order at 7:00 P.M. Those present stood and pledged allegiance to the Flag.

ROLL CALL

Roll call indicated the following present: President Smith; Trustees Johnson, Richards, Cesario, Ottenheimer, 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; Tyler Grace, Assistant Village Manager/Administrative Services; Katie Golbach, Director of Human Resources; Chris Black, Director of Finance; Christine Berman, Deputy Director of Finance; Nicole Woods, Director of Community Development; Briget Schwab, Village Engineer; Chris Krase, Deputy Public Works Director; Tom Wisniewski, Facilities Manager; Tom Milas, Forestry & Streets Superintendent; Geoff Tollefson, Director of Golf Operations; Fire Chief Kane; Police Chief Budds; and Deputy Police Chief Anderson.

APPROVAL OF MINUTES

Moved by Weidenfeld, seconded by Ottenheimer, to approve the minutes of the November 3, 2025, Regular Meeting. Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

Moved by Cesario, seconded by Bocek, to approve the minutes of the November 17, 2025, Special Meeting. Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

WARRANT #1388

Mr. Black read Warrant #1388. Moved by Cesario, seconded by Johnson, to approve Warrant #1388 in the amount of $5,091,709.44 authorizing payment of bills listed. Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

VILLAGE PRESIDENT'S REPORT

There is no Village President's report tonight.

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VILLAGE MANAGER'S REPORT

Mr. Bragg noted that the **2026 Schedule of Meeting Dates** is now available for review on the Village website.

Mr. Skibbe reported that Chris Krase has been promoted to **Deputy Director of Public Works** and proceeded to review Mr. Krase's accomplishments and noted that he will oversee all Public Works functions. Mr. Krase thanked the staff and the Board for this opportunity as he was congratulated by the audience and the Board.

Mr. Skibbe reported that Tom Wisniewski has been promoted to **Facilities Manager** and proceeded to review Mr. Wisniewski's accomplishments as well as the role that he will be performing in the future. Mr. Wisniewski expressed his appreciation for this opportunity as he was congratulated by the audience and the Board.

Mr. Bragg noted how proud he is of Mr. Krase and Mr. Wisniewski for their dedication and perseverance in working their way up in the organization, and of what an asset they are to the Village of Buffalo Grove.

SPECIAL BUSINESS

President Smith called the **Public Hearing** regarding Acceptance of the FY 2026 Budget at 7:10 P.M.

President Smith asked if there were any comments or questions from the public; there were none.

At 7:11 P.M. the Public Hearing was continued until after the Village Boad takes final action on the proposed ordinance later in this meeting.

TRUSTEE REPORTS

Trustee Richards urged all residents who are able to donate blood at our next **Blood Drive** which will take place this coming Saturday at the Alcott Center. The Buffalo Grove Fire Department is also hosting a blood drive, so there are several ways to contribute to this life-saving need.

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.

FY 2026 Projects

Motion to authorize bidding for various FY 2026 Projects.

Proposals for Various FY 2026 Projects

Motion to waive bids and seek proposals for various FY 2026 Projects.

Ordinance No. 2025-122 - Special Use at 200 Timber Hill Road

Motion to pass Ordinance No. 2025-122 re-authorizing the Special Use of a Child Home Daycare at 200 Timber Hill Road.

Ordinance No. 2025-123 - Special Use at 330 University Drive

Motion to pass Ordinance No. 2025-123 re-authorizing the Special Use of a Child Home Daycare at 330 University Drive.

Ordinance No. 2025-124 - Special Use at 371 Springside Lane

Motion to pass Ordinance No. 2025-124 re-authorizing the Special Use of a Child Home Daycare at 371 Springside Lane.

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Ordinance No. 2025-125 - Special Use at 554 Patton Drive

Motion to pass Ordinance No. 2025-125 re-authorizing the Special Use of a Child Home Daycare at 554 Patton Drive.

Ordinance No. 2025-126 - Special Use at 621 Harris Drive

Motion to pass Ordinance No. 2025-126 re-authorizing the Special Use of a Child Home Daycare at 621 Harris Drive.

Ordinance No. 2025-127 - Special Use at 315 Gardenia Lane

Motion to pass Ordinance No. 2025-127 re-authorizing the Special Use of a Child Home Daycare at 315 Gardenia Lane.

Ordinance No. 2025-128 - Special Use at 4 Brucewood Court

Motion to pass Ordinance No. 2025-128 re-authorizing the Special Use of a Child Home Daycare at 4 Brucewood Court.

Ordinance No. 2025-129 - Special Use at 11 Chevy Chase Drive

Motion to pass Ordinance No. 2025-129 re-authorizing the Special Use of a Child Home Daycare at 11 Chevy Chase Drive.

Ordinance No. 2025-130 - Special Use at 456 Chicory Lane

Motion to pass Ordinance No. 2025-130 re-authorizing the Special Use of a Child Home Daycare at 456 Chicory Lane.

Ordinance No. 2025-131 – Urban Communications, Inc.

Motion to pass Ordinance No. 2025-131 authorizing execution of a contract with Urban Communications, Inc. for a communications tower at Fire Station 25.

Ordinance No.2025-132 - Frequency Foundry Inc.

Motion to pass Ordinance No. 2025-132 authorizing the execution of a Master Services Agreement and Statement of Work with Frequency Foundry Inc.

Special Flag Schedule

Motion to accept the 2026 Special Flag Schedule.

Ordinance No. 2025-133 - Liquor Controls

Motion to pass Ordinance No. 2025-133 amending Title 5.20 Liquor Controls.

Ordinance No. 2025-134 – Metro Fibernet, LLC

Motion to pass Ordinance No. 2025-134 approving a Right-of-Way Access Agreement with Metro Fibernet, LLC.

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Ordinance No. 2025-135 - Buffalo Grove High School

Motion to pass Ordinance No. 2025-135 approving a Preliminary Plan to allow a parking lot expansion at Buffalo Grove High School. 1100 W. Dundee Road.

Resolution No. 2025-27 - 48 Raupp Boulevard

Motion to pass Resolution No. 2025-27 authorizing the Village Manager to execute a Lease Amendment with BRI Incorporated for the property located at 48 Raupp Boulevard.

Ordinance No. 2025-136 - 1051 Commerce Court

Motion to pass Ordinance No. 2025-136 approving a Special Use for outdoor storage in the Industrial District at 1051 Commerce Court.

Buffalo Grove Community Foundation

Motion to approve a Memorandum of Understanding with the Buffalo Grove Community Foundation

Ordinance No. 2025-137 – InterDev, LLC

Motion to pass Ordinance No. 2025-137 authorizing execution of a Revised Contract with InterDev, LLC.

Ordinance No. 2025-138 - Municipal GIS Partners

Motion to pass Ordinance No. 2025-138 authorizing execution of a Revised Contract with Municipal GIS Partners.

Ordinance No. 2025-139 - Dutch Bros. Coffee

Motion to pass Ordinance No. 2025-139 approving Amendment to the Planned Development and Preliminary Plan for a Special Use for a Drive-through Facility, as well as Parking, and Sign Variations for Dutch Bros. Coffee at 80 McHenry Road.

Ordinance No. 2025-140 - Municipal GIS Partners

Motion to pass Ordinance No. 2025-140 authorizing execution of a Supplemental Statement of Work with Municipal GIS Partners.

Moved by Ottenheimer, seconded by Richards, to approve the Consent Agenda as presented. Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

ORDINANCE NO. 2025-141 – MUNICIPAL CODE, TITLE 10

Moved by Richards, seconded by Johnson, to pass Ordinance No. 2025-141 amending Municipal Code, Title 10 – Vehicles and Traffic, to include a new chapter titled “Micromobility and Other Vehicles”, and updates to Appendix A, Fines and Fees, subject to the final review and approval of the Village Attorney.

Referring to a PowerPoint presentation, Deputy Chief Anderson reviewed the proposed ordinance, details of which are contained in her memo of November 18, 2025, to Mr. Bragg, after which she addressed questions and comments from the Board.

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Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

RESOLUTION NO. 2025-28 – PERSONNEL MANUAL

Moved by Bocek, seconded by Ottenheimer, to approve Resolution No. 2025-28 approving the adoption of amendments to the Personnel Manual for the Village of Buffalo Grove employees.

Ms. Golbach reviewed the proposed resolution, details of which are contained in the Agenda Item Summary that she prepared.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

ORDINANCE NO. 2025-142 – MUNICIPAL CODE

Moved by Bocek, seconded by Johnson, to pass Ordinance No. 2025-142 amending Chapter 2.14 entitled "Police Department" and Chapter 2.22 entitled "Board of Fire and Police Commissioners" of the Village of Buffalo Grove Municipal Code.

Ms. Golbach reviewed the proposed ordinance, details of which are contained in the Agenda Item Summary that she prepared.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

ORDINANCE NO. 2025-143 – FIRE SERVICE, INC.

Moved by Richards, seconded by Cesario, to pass Ordinance No. 2025-143 authorizing the Village Manager to execute a contract with Fire Service Inc. (FSI) for fire fleet maintenance at an amount not to exceed $275,000.00 pending review and approval of the Village Attorney.

Chief Kane reviewed the proposed ordinance, details of which are contained in his memo to Mr. Bragg of December 1, 2025.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None.
Motion declared carried.

ORDINANCE NO. 2025-144 – LEVY AND COLLECTION OF TAXES

Moved by Cesario, seconded by Weidenfeld, to pass Ordinance No. 2025-144 approving the levy and collection of taxes for the fiscal year commencing on the 1st day of January 2025 and ending on the 31st day of December 2025.

Mr. Black reviewed the proposed ordinance, details of which are contained in his memo to Mr. Bragg dated December 1, 2025. In answer to a question from the Board, Mr. Black reviewed and confirmed the way the tax levy relates to the impact on individual tax bills.

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Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

ORDINANCE NO. 2025-145 – TAX ABATEMENT

Moved by Cesario, seconded by Richards, to pass Ordinance No. 2025-145 abating taxes levied for the Village of Buffalo Grove, Cook and Lake Counties, Illinois

Mr. Black reviewed the proposed ordinance, details of which are contained in his memo to Mr. Bragg dated December 1, 2025.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

RESOLUTION NO. 2025-29 – LOSS IN COLLECTION

Moved by Cesario, seconded by Richards pass Resolution No. 2025-29, requesting the County of Cook not to collect the Loss in Collection of Taxable Property in the Village of Buffalo Grove.

Mr. Black reviewed the proposed resolution, details of which are contained in the Agenda Item Summary that he prepared.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

RESOLUTION NO. 2025-30 – LOSS IN COLLECTION

Moved by Cesario, seconded by Richards pass Resolution No. 2025-30, requesting the County of Lake not to collect the Loss in Collection of Taxable Property in the Village of Buffalo Grove.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

ORDINANCE NO. 2025-146 – 2026 BUDGET

Moved by Cesario, seconded by Richards, to pass Ordinance No. 2025-146 adopting the Fiscal Year 2026 (January 1-Deember 31, 2026) Budget for the Village of Buffalo Grove.

Mr. Black confirmed that the budget was presented to the Village Board and also available on the Village website on October 31, 2025, and the Public Hearing has been held. Mr. Black extended thanks to everyone on staff for their efforts in preparing the document.

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Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

Moved by Johnson, seconded by Cesario, to close the Public Hearing. Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

The Public Hearing was closed at 7:55 P.M.

ORDINANCE NO. 2025-147 – METROPOLITAN ALLIANCE OF POLICE

Moved by Bocek, seconded by Weidenfeld, to pass Ordinance No. 2025-147 approving a Side Letter of Agreement between the Village of Buffalo Grove and the Metropolitan Alliance of Police (MAP), Buffalo Grove Police Patrol Officer Chapter #672.

Ms. Golbach reviewed the proposed ordinance, details of which are contained in the Agenda Item Summary that she prepared.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

RESOLUTION NO. 2025-31 – 2026 PAY RANGES

Moved by Bocek, seconded by Weidenfeld to pass Resolution No. 2025-31, approving the 2026 pay ranges for the Village of Buffalo Grove employees.

Ms. Golbach reviewed the proposed resolution, details of which are contained in her memo to Mr. Bragg and Mr. Stilling dated November 18, 2025, after which she answered questions from the Board.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

NEW BUSINESS

Moved by Bocek, seconded by Cesario, to cancel the December 15, 2025, Regular Meeting of the Buffalo Grove Village Board. Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

PUBLIC COMMENT

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; there were no such questions.

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ADJOURNMENT

Moved by Richards, seconded by Cesario, to adjourn the meeting. Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

The meeting was adjourned at 7:59 P.M.

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Janet M. Sirabian, Village Clerk

APPROVED BY ME THIS 5th DAY OF January 2026

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Village President

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AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 2.b.
Minutes of the December 9, 2025 Village Board Special Meeting

Contacts

Liaison: Clerk Sirabian
Staff: Samina Shaikh

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve the minutes of the December 9, 2025 Village Board Special Meeting.

Summary

N/A

Strategic Alignment

Guiding Principle

Principle 2: Outstanding Village Services

Goal

Goal 1: Maintained effective village government: fiscally responsible and providing outstanding, responsive services

File Attachments

1. Minutes - 12/09/2025 - Special Meeting

MINUTES OF THE SPECIAL 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, TUESDAY DECEMBER 9, 2025

CALL TO ORDER

President Smith called the meeting to order at 5:00 P.M. Those present stood and pledged allegiance to the Flag.

ROLL CALL

Roll call indicated the following present: President Smith; Trustees Johnson, Richards, Cesario, Ottenheimer, 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; Tyler Grace, Assistant Village Manager/Administrative Services; Katie Golbach, Director of Human Resources; Chris Black, Director of Finance; Nicole Woods, Director of Community Development; Briget Schwab, Village Engineer; Tom Wisniewski, Facilities Manager; Molly Gillespie, Director of Communications; Timothy Kirsininkas, Communications Coordinator; and Fire Chief Kane.

PRESIDENT'S REPORT

President Smith noted that former **Village President Beverly Sussman** passed away over the weekend and asked for a moment of silence to remember her dedication and service to the residents of Buffalo Grove and, on behalf of the Village of Buffalo Grove, expressed sincere condolences to her friends and family.

ORDINANCE NO. 2025-148 – 1100 W. LAKE COOK ROAD

Moved by Cesario, seconded by Johnson, to pass Ordinance No. 2025-148 authorizing the Village President to execute a Purchase and Sale Agreement with BG 1100 LLC for the property located at 1100 W. Lake Cook Road.

Mr. Stilling reviewed the proposed ordinance, details of which are contained in his memo to Mr. Bragg dated December 5, 2025.

Trustee Weidenfeld reviewed the various reasons as to why he believes that this is not in the best interests of the residents of Buffalo Grove and why he is in opposition to the purchase of this property.

Trustee Cesario noted that the Village has investigated numerous properties, and he believes that this option is the best financial solution for our taxpayers.

Trustee Bocek noted that she has numerous financial concerns and she is not convinced that this is the right site for the Village to purchase.

Trustee Ottenheimer stated that the Board takes the proposed purchase very seriously and confirmed that the Village Board will not make any decisions that will be detrimental to our residents, but he believes that this proposal is the best option to address the issues that exist with the current Village Hall and Police Department structures.

Trustee Johnson stated that the Village has been looking at options to address the deficiencies that exist in the current buildings for over a decade and she believes this proposal is the most financially prudent option. This proposal does not obligate the Village to buy the building. It simply allows the Village to evaluate the property to make sure it is a viable solution. The Village Board will not commit to anything that is not favorable to our

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taxpayers but is looking to provide safe and secure facilities at a cost that would provide the space and amenities that are necessary, at a cost significantly less than constructing new buildings.

President Smith asked if there were any further questions from the Board or anyone in the audience; there were none.

Upon roll call, Trustees voted as follows:

AYES: 4 – Johnson, Richards, Cesario, Ottenheimer
NAYS: 2 – Bocek, Weidenfeld
Motion declared carried.

ORDINANCE NO. 2025-149 – 1100 W. LAKE COOK ROAD

Moved by Cesario, seconded by Johnson, to pass Ordinance No. 2025-149 authorizing the Village Manager to execute Contracts for Consulting Services related to the Property Acquisition at 1100 W. Lake Cook Road.

Mr. Stilling reviewed the proposed ordinance summarizing the due-diligence process, after which he answered questions from the Board.

Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

PUBLIC COMMENT

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; there were no such questions.

ADJOURNMENT

Moved by Ottenheimer, seconded by Cesario, to adjourn the meeting. Upon roll call, Trustees voted as follows:

AYES: 6 – Johnson, Richards, Cesario, Ottenheimer, Bocek, Weidenfeld
NAYS: 0 – None
Motion declared carried.

The meeting was adjourned at 5:28 P.M.

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Janet M. Sirabian, Village Clerk

APPROVED BY ME THIS 5th DAY OF January 2026

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Village President

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AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 3.a.
Approval of Warrant #1389

Contacts

Liaison: Trustee Cesario
Staff: Chris Black

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve Warrant #1389 in the amount of $13,252,835.49

Summary

Warrant #1389 in the amount of $13,252,835.49

Strategic Alignment

Guiding Principle

Principle 1: Financially Responsible and Sound
Principle 2: Outstanding Village Services
Principle 3: Plan and Invest in the Future

Goal

Goal 1: Maintained effective village government: fiscally responsible and providing outstanding, responsive services

File Attachments

1. Summary Warrant 1389

VILLAGE OF BUFFALO GROVE WARRANT #1389
5-Jan-26

General Fund:	**593,573.72**
Parking Lot Fund:	**374.80**
Motor Fuel Tax Fund:	**0.00**
Debt Service Fund:	**4,073,139.68**
School & Park Donations:	**0.00**
Lake Cook Rd TIF Fund:	**732,574.00**
Capital Projects-Facilities:	**178,984.60**
Capital Projects-Vehicles/Equipment:	**178,090.73**
Capital Projects-Streets:	**2,648,788.29**
Retiree Health Savings (RHS):	**0.00**
Water Fund:	**695,408.84**
Buffalo Grove Golf Fund:	**1,891.22**
Arboretum Golf Fund:	**2,684.52**
Refuse Service Fund:	**86,815.02**
Information Technology Internal Service Fund:	**184,319.69**
Central Garage Internal Service Fund:	**51,711.52**
Building Maintenance Internal Service Fund:	**159,082.10**
	9,587,438.73
PAYROLL PERIOD ENDING 11/30/2025	**1,220,136.75**
PAYROLL PERIOD ENDING 12/14/2025	**1,177,423.21**
PAYROLL PERIOD ENDING 12/28/2025	**1,267,836.80**
TOTAL WARRANT #1389	**13,252,835.49**

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

Village Clerk

Village President

AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 4.a.
The Rotary Club of Buffalo Grove will be presenting the Bill Reid Award to Carolyn Lewis

Contacts

Liaison: President Smith
Staff: Molly Gillespie

Staff Recommendation

Staff recommends presentation.

Recommended Motion

N/A

Summary

The Rotary Club of Buffalo Grove will present its annual Bill Reid award to 2024 recipient Carolyn Lewis who is a longtime volunteer providing services to the community in many capacities. The award honors outstanding individuals in the community who have demonstrated long-term commitments to enhancing the spirit and betterment of Buffalo Grove.

Strategic Alignment

Guiding Principle

Principle 6: Engages Our Residents

Goal

Goal 3: Strengthened Buffalo Grove community identity and pride

File Attachments

None

AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 5.a.
Oath of Office and Badge Presentation to New Sergeant Michael Carlson

Contacts

Liaison: Trustee Richards
Staff: Brian Budds

Staff Recommendation

Staff recommends presentation.

Recommended Motion

Staff recommends presentation.

Summary

Due to the retirement of Sergeant Kurt Lowenberg, a vacancy was created at the rank of sergeant. Officer Michael Carlson, who is ranked number one on the established Sergeant eligibility list, will be sworn in as a new sergeant and presented with his badge.

Strategic Alignment

Guiding Principle

Principle 2: Outstanding Village Services
Principle 3: Plan and Invest in the Future
Principle 4: High Performing Village Team

Goal

Goal 1: Maintained effective village government: fiscally responsible and providing outstanding, responsive services
Goal 3: Strengthened Buffalo Grove community identity and pride

File Attachments

None

AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 5.b.
Area Library Reading Programs

Contacts

Liaison: President Smith
Staff: Dane Bragg

Staff Recommendation

Staff recommends presentation.

Recommended Motion

N/A

Summary

Indian Trails Public Library District Executive Director Brian Shepard and Vernon Area Public Library District Executive Director Anne Rasmussen will present information on reading programs offered in Buffalo Grove in 2026.

Strategic Alignment

Guiding Principle

Principle 5: Partnership with Local Districts
Principle 6: Engages Our Residents

Goal

Goal 4: Vibrant and innovative community: leading edge
Goal 5: More livable Buffalo Grove community with leisure experiences for all

File Attachments

None

AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 8.a.
Motion to Waive Bids and Negotiate for the purchase of a replacement K-9 vehicle for the Police Department

Contacts

Liaison: Trustee Cesario
Staff: Chris Krase

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve authorization for staff to negotiate with Currie Motors for the purchase of a replacement K-9 vehicle for the Police Department.

Summary

Staff seeks authorization to negotiate with Currie Motors for the purchase of a replacement K-9 vehicle. The current K-9 unit is a 2018 Ford Explorer, which was up-fitted in June 2023 for the former Police K-9 Hogyn. After evaluating operational needs, Police staff have determined that a Chevrolet Tahoe is the most suitable vehicle for K-9 Mac's specialized activities. The Tahoe offers increased cargo space and a lower ride height, both of which have been shown across the industry to improve K-9 deployments and reduce long-term joint stress and shoulder injuries in police K-9s. Public Works has reviewed all available Suburban Purchasing Cooperative (SPC) contracts and confirmed that none include a Pursuit-Rated Chevrolet Tahoe. Due to the specialized nature of this fleet replacement, staff is requesting Village Board authorization to negotiate with this dealership outside of the SPC contracts. Once pricing is obtained and negotiations are finalized, staff will return to the Village Board with the proposed purchase for review and approval.

Strategic Alignment

Guiding Principle

Principle 1: Financially Responsible and Sound

Goal

Goal 1: Maintained effective village government: fiscally responsible and providing outstanding, responsive services

File Attachments

1. Memo - Waive Bids and Negotiate Replacement K-9 Vehicle-12192025

MEMORANDUM

DATE:	December 19, 2025
TO:	Dane Bragg, Village Manager
FROM:	Chris Krase, Deputy Director of Public Works
SUBJECT:	Waive Bids and Negotiate for the Purchase of a Chevrolet Tahoe K9 Unit from Currie Motors

RECOMMENDATION

Staff recommends the Village Board authorize staff to waive bids and negotiate with Currie Motors for the Purchase of a fleet replacement vehicle, One Chevrolet Taho (Pursuit-Rated) for the Police Department.

BACKGROUND

Staff seeks authorization to negotiate with Currie Motors for the purchase of a replacement K-9 vehicle. The current K-9 unit is a 2018 Ford Explorer, which was up-fitted in June 2023 for the former Police K-9 Hogyn. After evaluating operational needs, Police staff have determined that a Chevrolet Tahoe is the most suitable vehicle for K-9 Mac's specialized activities. The Tahoe offers increased cargo space and a lower ride height, both of which have been shown across the industry to improve K-9 deployments and reduce long-term joint stress and shoulder injuries in police K-9s. Public Works has reviewed all available Suburban Purchasing Cooperative (SPC) contracts and confirmed that none include a Pursuit-Rated Chevrolet Tahoe. Due to the specialized nature of this fleet replacement, staff is requesting Village Board authorization to negotiate with this dealership outside of the SPC contracts having searched for other dealerships in the state and finding Currie Motors to be the only dealership in the region to offer this model. Once pricing is obtained and negotiations are finalized, staff will return to the Village Board with the proposed purchase for review and approval.

AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 8.b. O-2026-1
Ordinance Authorizing a Contract with Midwest Power Industry Inc., for Generator Maintenance & as Needed Repairs

Contacts

Liaison: Trustee Weidenfeld
Staff: Chris Krase

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve an Ordinance authorizing the execution of a contract with Midwest Power Industry Inc., for generator maintenance and as-needed repairs, in an amount not to exceed $51,725.00 per year, pending final review by the Village Attorney.

Summary

See attached memo.

Strategic Alignment

Guiding Principle

Principle 3: Plan and Invest in the Future

Goal

Goal 1: Maintained effective village government: fiscally responsible and providing outstanding, responsive services

File Attachments

1. Memo-Generator Maintenance and As Needed Repiars-120925
2. RFB 250037 Generator Maintenance Bid Tabulation
3. Midwest Power_Contract
4. DRAFT Ordinance-Generator Maintenance and as Needed Repairs

MEMORANDUM

DATE: December 9, 2025

TO: Dane Bragg, Village Manager

FROM: Chris Krase, Deputy Director of Public Works

SUBJECT: Generator Maintenance & as Needed Repairs

RECOMMENDATION

Staff recommends authorizing the Village Manager to execute a contract with Midwest Power Industry Inc., for generator maintenance and as needed repairs in an amount not to exceed $51,725.00 in accordance with the Illinois Governmental Joint Purchasing Act (30 ILCS 525/0.01 et seq.), pending review and approval of the contract by the Village Attorney.

BACKGROUND

The Village of Glenview led a Municipal Partnering Initiative (MPI) joint bid for annual generator maintenance and as-needed repairs for seven North Shore communities, including Buffalo Grove. The Village of Buffalo Grove maintains 23 generators located throughout the Village that support facilities, lift stations, and water pumping stations.

The generator maintenance services are considered preventative maintenance and help ensure generator reliability during power failures. Staff has reviewed the bid documents and recommends awarding the contract to Midwest Power Industry, Inc. as the lowest responsive and responsible bidder in accordance with the Illinois Governmental Joint Purchasing Act (30 ILCS 525/0.01 et seq.). The recommended not-to-exceed amount of $51,725.00 includes the annual preventative maintenance and load bank testing costs at a figure of $26,725.00 as well as an additional $25,000.00 allocated for anticipated repair work identified during generator preventative maintenance and load bank testing activities, which reflects the Village's historical average of generator repair needs.

APPENDICES

a. Midwest Power Contract
b. RFB 250037 Generator Maintenance Bid Tabulation.

Agency Name Village of Glenview
Bid Number RFB-250037-0-2025/ZB
Bid Name GENERATOR MAINTENANCE AND AS-NEEDED REPAIRS
Bid Due Date 11/03/2025 14:00:00 Central
Bid Opening Closed

P/M: Generator Preventative Maintenance Price
LBT&TS: Load Bank Test & Transfer Switch Maintenance Price

4 response(s) found

Company	Responded	Address	Totals Per Municipality	BidAmount	AltBidAmount	DeclaredAttributes	Status	Documents	Sent
Genserve	11/03/2025 13:05:58 Central	444 Randy Road,Carol Stream,IL,60188	**A. Buffalo Grove** - P/M: $26,635 LBT &TS: $14,875 **B. Glenview** - P/M: $20,750; $195/hour LBT&TS: $13,170; $293/hour **C. Highland Park** - P/M: $14,880; $195/hour LBT&TS: $7,957; $293/hour **D. Kenilworth** - P/M: $3,575 LBT&TS: $2,640 **E. Mount Prospect** - P/M: $21,000; One Time Oil Change: $25,780 LBT&TS: $16,540 **F. Northbrook** - P/M: $15,995 LBT&TS: $17,860 **G. Palatine** - P/M: $26,575 LBT&TS: $15,420	$217,872.00	$25,780.00		Complete	Bid/Proposal Required Documents Bid Bond	Electronic/Online Electronic/Online
Industrial Engine Company LLC	11/03/2025 11:13:10 Central	219 Root Rd,Harvard,IL,60033	**A. Buffalo Grove** - P/M: $20,595 LBT &TS: $19,900 **B. Glenview** - P/M: $19,585; $203/hour LBT&TS: $12,855; $304.50/hour **C. Highland Park** - P/M: $13,000 LBT&TS: $10,250 **D. Kenilworth** - P/M: $2,560 LBT&TS: $2,475 **E. Mount Prospect** - P/M: $19,470; One Time Oil Change: $2,245 LBT&TS: $22,100 **F. Northbrook** - P/M: $17,125 LBT&TS: $15,175 **G. Palatine** - P/M: $18,785 LBT&TS: $18,950	$212,825.00	$22,720.00		Complete	Bid/Proposal Required Documents Bid Bond	Electronic/Online Electronic/Online
Interstate Power Systems	11/03/2025 08:09:26 Central	210 Alexandra Way,Carol Stream,IL,60188	**A. Buffalo Grove** - P/M: $20,486.67 LBT &TS: $27,107.63 **B. Glenview** - P/M: $23,753; $195/hour + $2.00/mile LBT&TS: N/A **C. Highland Park** - P/M: $5,725; $195/hour + $2.00/mile LBT&TS: $18,590.09 **D. Kenilworth** - P/M: $5,418.16 LBT&TS: N/A **E. Mount Prospect** - P/M: $14,846.11 LBT&TS: $29,353.12 **F. Northbrook** - P/M: $36,442 LBT&TS: N/A **G. Palatine** - P/M: $17,418.08 LBT&TS: $27,885.81	$227,025.67	$0.0000		Complete	Bid/Proposal Required Documents Bid Bond	Electronic/Online Electronic/Online
midwest power industry	11/03/2025 09:01:22 Central	4833 Prime Parkway,Mchenry,IL,60050	**A. Buffalo Grove** - P/M: $12,925 LBT &TS: $13,800 **B. Glenview** - P/M: $13,925; $155/hour LBT&TS: $11,200; $232.50/hour **C. Highland Park** - P/M: $8,200; $155/hour LBT&TS: $6,800; $155/hour **D. Kenilworth** - P/M: $1,975 LBT&TS: $2,000 **E. Mount Prospect** - P/M: $11,375; One Time Oil Changes: $3,750 LBT&TS: $15,100 **F. Northbrook** - P/M: $13,850 LBT&TS: $16,450 **G. Palatine** - P/M: $11,925 LBT&TS: $15,800	$159,075.00	$3,750.00		Complete	Bid/Proposal Required Documents Bid Bond	Electronic/Online Electronic/Online

REQUEST FOR BIDS

RFB # 250037

BID DOCUMENTS AND SPECIFICATIONS

GENERATOR MAINTENANCE AND AS-NEEDED REPAIRS

The Village of Glenview

VILLAGE OF GLENVIEW
2500 EAST LAKE AVENUE
GLENVIEW, IL 60026
(847) 724-1700

LEGAL NOTICE

Official notice is hereby given that the Village will receive bids electronically via DemandStar until 2:00 p.m. local time on November 3, 2025. The bid opening will be held virtually via Teams. Please use the following information to join the bid opening via Teams on November 3, 2025 at 2:00 p.m. local time:

Microsoft Teams Need help?
Join the meeting now
Meeting ID: 275 484 213 919 3
Passcode: oj9jY2JT

Dial in by phone
+1 872-240-8966,,285550029# United States, Chicago
Find a local number
Phone conference ID: 285 550 029#
For organizers: Meeting options | Reset dial-in PIN

RFB NO: 250037
RFB ON: GENERATOR MAINTENANCE AND AS-NEEDED REPAIRS

Scope of work will include inspection, maintenance and as needed repairs of Municipal owned emergency electrical generation systems, which include both natural gas drive and diesel driven engines.

Plans, specifications, and bid forms may be obtained through DemandStar or the Village's purchasing website (https://www.glenview.il.us/purchasing). Plans, specifications, and bid forms will be provided electronically.

All bids shall be accompanied by a Bid Bond for not less than five percent (5%) of the bid amount. The successful bidder must furnish a satisfactory performance and payment bond in the full amount of the bid. **A scanned copy of the bid bond must be included in the pdf file submission.**

All work under this contract shall comply with the Prevailing Wage Act of the State of Illinois, 820 ILCS 130/0.01 et seq. & the Employment of Illinois Workers on Public Works Act (30 ILCS 570/0.01 et. seq) if applicable.

Offers may not be withdrawn for ninety (90) days after closing date without the consent of the Board of Trustees.

Any Bid submitted unsigned, **via mail, via in person delivery**, via fax, via email or received subsequent to the aforementioned date and time, **may be disqualified and returned to the bidder**.

The Village of Glenview reserves the right to reject any and all bids or parts thereof, to waive any irregularities or informalities in bid procedures and to award the contract in a manner best serving the interest of the Village.

Dated: October 20, 2025
Zhanna Kolokolov
Purchasing Manager

SUBMISSION INFORMATION

Village of Glenview
2500 East Lake Ave
Glenview, IL 60026

REQUEST FOR BIDS: #250037
BID OPENING DATE: November 3, 2025
TIME: 2:00 P.M. Local Time
LOCATION: Teams

COPIES: One (1) original electronic PDF

REQUEST FOR BID INFORMATION

Company Name: Midwest Power Industry Inc
Address: 4833 Prime Parkway
City, State, Zip Code: McHenry IL 60050

BID PRICING TABLE

I. BASE BID ITEM

Item No.	Items		GENERATOR PREVENTATIVE MAINTENANCE PRICE	LOAD BANK TEST & TRANSFER SWITCH MAINTENANCE PRICE
	ITEM A – VILLAGE OF BUFFALO GROVE (JANUARY 2026 – 2028)			
	Generator Location Name	**Generator Address**	**ANNUAL**	**ANNUAL**
1	G02- VILLAGE HALL	50 Raupp Blvd	$ 550	$ 600
2	G04- PUBLIC WORKS	51 Raupp Blvd	$ 625	$ 600
3	G15- POLICE DEPARTMENT	46 Raupp Blvd	$ 625	$ 600
4	G20- WELL #1	345 Arlington Heights Rd	$ 800	$ 750
5	G19- WELL #2	511 Arlington Heights Rd	$ 450	$ 600
6	G21- WELL #6	120 Horatio Blvd	$ 450	$ 750
7	G03- WELL #7	400 LaSalle Ln	$ 450	$ 750
8	G05- RAUPP LIFT STATION	154 Raupp Blvd	$ 625	$ 600
9	G06- GOLFVIEW LIFT STATION	1 Golfview Terr	$ 550	$ 600
10	G09- CAMBRIDGE ON THE LAKE	985 Buffalo Grove Rd	$ 625	$ 600
11	G07- CHATHAM LIFT STATION	739 Weidner	$ 625	$ 600
12	G18- CAMELOT LIFT STATION	1502 Brandywyn Ln	$ 625	$ 600
13	G10- PORT CLINTON LIFT STATION	751 W. Port Clinton Rd	$ 625	$ 600
14	G23- RIVER OAKS LIFT STATION	3400 Prairie Rd	$ 600	$ 750
15	G22- RT. 22 LIFT STATION	2600 Palazzo Dr	$ 625	$ 600
16	G14- JOHNSON DR. LIFT STATION	1100 Johnson Dr	$ 625	$ 600
17	G16- LINDEN LIFT STATION	1640 Linden Ave	$ 625	$ 600
18	G12- FIRE STATION #25	505 Dundee Rd	$ 625	$ 600
19	G13- FIRE STATION #26	109 Deerfield Pkwy	$ 525	$ 600
20	G24- ABRORETUM GOLF	401 Arboretum Way	$ 625	$ 600
21	G25- OLD TREATMENT PLANT LS	181 Lake Cook Rd	$ 525	$ 600
22	G26- FIRE STATION #27	100 Half Day Rd	$ 525	$ 600
		ITEM A –SUBTOTAL	$ 12,925.00	$ 13,800.00

Item No.	Items		GENERATOR PREVENTATIVE MAINTENANCE PRICE	LOAD BANK TEST & TRANSFER SWITCH MAINTENANCE PRICE
	ITEM F – VILLAGE OF NORTHBROOK (JANUARY 2026 – 2028)			
	Generator Location Name	**Generator Address**	**ANNUAL**	**ANNUAL**
1	CRESTWOOD PLACE	1000 WAUKEGAN ROAD	$ 650	$ 650
2	FIRE STATION #10	650 HUEHL ROAD	$ 425	$ 600
3	FIRE STATION #11	740 DUNDEE ROAD	$ 825	$ 800
4	FIRE STATION #12	1840 SHERMER ROAD	$ 425	$ 600
5	RED CENTER	1842 SHERMER ROAD	$ 450	$ 600
6	POLICE STATION	1401 LANDWEHR ROAD	$ 550	$ 600
7	FLEET MAINTENANCE	1227 CEDAR LANE	$ 550	$ 600
8	PUBLIC WORKS CENTER	655 HUEHL ROAD	$ 950	$ 800
9	VILLAGE HALL	1225 CEDAR LANE	$ 500	$ 600
10	WATER FILTRATION PLANT	750 DUNDEE ROAD	$ 950	$ 800
11	WEST SIDE RESERVOIR	3339 WALTERS AVENUE	$ 650	$ 600
12	RAW WATER PUMP STATION	1195 SHERIDAN ROAD (IN GLENCOE)	$ 750	$ 800
13	CHERRY LANE LIFT STATION	2025 CHERRY LANE	$ 525	$ 600
14	COTSWOLD LIFT STATION	2500 DUNDEE ROAD	$ 425	$ 600
15	EDGEWOOD LIFT STATION	1328 EDGEWOOD LANE	$ 425	$ 600
16	FOLEY LIFT STATION	135 SKOKIE BOULEVARD	$ 425	$ 600
17	FOREST VIEW LIFT STATION	4500 FOREST VIEW DRIVE	$ 550	$ 600
18	GREENWOOD LIFT STATION	615 GREENWOOD ROAD	$ 425	$ 600
19	HOLSTE LIFT STATION	1801 HOLSTE	$ 425	$ 600
20	KILARNEY LIFT STATION	1740 KILARNEY LANE	$ 425	$ 600
21	MACARTHUR LIFT STATION	2905 MACARTHUR BOULEVARD	$ 425	$ 600
22	REVERE LIFT STATION	150 REVERE DRIVE	$ 425	$ 600
23	ROYAL RIDGE LIFT STATION	1370 TECHNY ROAD	$ 425	$ 600
24	STONEGATE LIFT STATION	2568 STEVEN LANE	$ 425	$ 600
25	WILLOW FESTIVAL LIFT	1106 FOUNDERS ROAD	$ 425	$ 600
26	COM ED LIFT STATION	1200 FRONTAGE ROAD (SEE NORTHBROOK SPECIFICATIONS IN ATTACHMENT A)	$ 425	$ 600
		ITEM F –SUBTOTAL	$ 13,850.00	$ 16,450.00

Item No.	Items		GENERATOR PREVENTATIVE MAINTENANCE PRICE	LOAD BANK TEST & TRANSFER SWITCH MAINTENANCE PRICE
	ITEM G – VILLAGE OF PALATINE (JANUARY 2026 – 2028)			
	Generator Location Name	**Generator Address**	**ANNUAL**	**ANNUAL**
1	G-001 - FIRE STATION 84	220 W. ILLINOIS. AVE.	$ 425	$ 600
2	G-002 - SQUARE D LIFT STATION	LUKAS AVE. & PATRICK	$ 425	$ 600
3	G-003 - SMITH STREET TANK	550 N. SMITH ST.	$ 500	
4	G-004 - DEER GROVE LIFT STATION	QUENTIN RD. &	$ 425	$ 600
5	G-005 - KASUBA LIFT STATION	1830 N. BALDWIN RD.	$ 500	$ 800
6	G-006 - NORTH SUPPLY PUMP STATION	1381 N. ROHLWING RD.	$ 500	$ 800
7	G-007 - FIRE STATION 85	39 E. COLFAX ST.	$ 425	$ 600
8	G-008 - VILLAGE HALL	200 E. WOOD ST.	$ 450	$ 800
9	G-009 - SOUTH SUPPLY PUMP STATION	200 W. MICHIGAN AVE.	$ 425	$ 800

10	G-010 - PUBLIC WORKS	148 W. ILLINOIS AVE.	$ 550	$ 800
11	G-011 - FIRE STATION 82	1475 N. HICKS RD.	$ 350	$ 600
12	G-012 - HICKS & DUNDEE PUMP STATION	1501 N HICKS ROAD	$ 500	
13	G-013 - DEER PARK BOOSTER STATION	2399 N. DEE LN.	$ 550	$ 800
14	G-014 - FIRE STATION 81	1215 N. QUENTIN RD.	$ 425	$ 600
15	G-015 - FIRE STATION 83	987 E. PALATINE RD.	$ 425	$ 600
16	G-016 - DUNHAVEN WOODS LIFT STATION	432 W. HALEYS HILL CT.	$ 425	$ 600
17	G-017 - PARKING DECK	SMITH ST. & COLFAX ST.	$ 550	$ 800
18	G-018 - RANDVILLE LIFT STATION	NORTH OF 1465 E.	$ 625	$ 600
19	G-019 - COUNTRYSIDE PUMP STATION	1199 W. NORTHWEST	$ 425	$ 800
20	G-021 - PEPPERTREE LIFT STATION	NORTH OF 1484 N. OAK	$ 425	$ 600
21	G-022 - ROSE & LILLY LIFT STATION	884 E. LILLY LN.	$ 425	$ 600
22	G-023 - SHIRES LIFT STATION	1525-35 S. ROSELLE RD.	$ 425	$ 600
23	G-024 - ARLINGTON CREST LIFT STATION	519 S. CONSUMERS AVE.	$ 450	$ 600
24	G-025 - LONG GROVE TANK/WELL 15	2175 N. COACH RD.	$ 425	
25	G-026 - POLICE HEADQUARTERS	595 N. HICKS RD.	$ 450	$ 800
26	G-027 - HERON DRIVE PUMP STATION	1 RENAISSANCE PLACE	$ 425	$ 800
		ITEM G –SUBTOTAL	$ 11,925.00	$ 15,800.00

PROMPT PAYMENT DISCOUNT: 0 % _____ **DAYS**

The bidder hereby certifies that they have read and understand the contents of this solicitation and agree to furnish at the prices shown any or all of the items above, subject to all instructions, conditions, specifications and attachments hereto.

Any and all exceptions to these specifications MUST be clearly and completely indicated on the bid sheet. Attach additional pages if necessary. **NOTE TO BIDDERS:** Please be advised that any exceptions to these specifications may cause your bid to be disqualified. Submit bids electronically through DemandStar ONLY. **Any bid not submitted electronically via DemandStar may be rejected as non-responsive.**

THE SECTION BELOW MUST BE COMPLETED IN FULL AND SIGNED

The undersigned hereby certifies that they have read and understand the contents of this solicitation and agree to furnish at the prices shown any or all of the items above, subject to all instructions, conditions, specifications and attachments hereto. Failure to have read all the provisions of this solicitation shall not be cause to alter any resulting contract or to accept any request for additional compensation. By signing this bid document, the bidder hereby certifies that they are not barred from bidding on this contract as a result of a violation of either Section 33E-3 or 33E-4 of the Illinois Criminal Code of 1961, as amended.

Authorized Signature: Geri L Henningfield
Typed/Printed Name: Geri L Henningfield
Title: President
E-mail mwpi@midwestpowerindustry.com

Company Name: Midwest Power Industry Inc
Date: 10/30/2025
Telephone Number: 815-790-0974
Fax Number: n/a

1. **INTENT**
The Village of Glenview ("Glenview"), the Village of Buffalo Grove ("Buffalo Grove"), the Village of Highland Park ("Highland Park"), Village of Kenilworth ("Kenilworth"), Village of Mount Prospect ("Mount Prospect"), Village of Northbrook ("Northbrook"), Village of Palatine (Palatine), (collectively the "Municipalities") are seeking a reputable contractor ("Contractor") to perform general maintenance, inspections, and as needed repairs on municipal generators (the "Services").

All work performed under this RFB shall be in accordance with the provisions of the Illinois Prevailing Wage Act 820 ILCS 130/0.01 *et seq.* and Employment of Illinois Workers on Public Works Act (30 ILCS 570/0.01) if applicable.

2. **BID PRICE**
Please provide pricing for the Services listed. All pricing is not-to-exceed pricing and includes all labor, transportation costs and equipment necessary to perform the Services. No allowances shall be made for transportation or mobilization costs and routine/standard equipment.

3. **AWARD**
Award shall be made to the lowest responsive and responsible bidder who best meets the specifications including financial capacity to perform, experience and qualifications performing similar work, and scheduling based upon the evaluation criteria specified herein.

The Municipalities reserve the right to award the Bid in part or in whole or not award any portion of the bid, whatever is deemed to be in the best interest of the Municipalities. The Municipalities further reserve the right to award to multiple contractors and to reject any or all bids.

4. **TERM**
The initial term of the contract shall be for two (2) years from the date of the award. The Municipalities reserve the right to renew this contract for two (2) additional one (1) year periods subject to acceptable performance by the Contractor. At the end of any contract term, the Municipalities reserve the right to extend this contract for a period of up to sixty (60) days for the purpose of getting a new contract in place.

For any year beyond the initial year, this contract is contingent upon the appropriation of sufficient funds by the Municipalities; no charges shall be assessed for failure of the Municipalities to appropriate funds in future contract years.

7. **ESCALATION**
Written requests for price revisions after the initial term shall be submitted at least sixty (60) days in advance of the annual contract period. 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 and pursuant to the CPI-All Urban Consumers, Chicago or 2% whichever is less. CPI will be based upon the average of the previous twelve months, non-seasonal adjusted.

The Village reserves the right to reject a proposed price increase and terminate the agreement.

8. **SCOPE OF WORK**
The services obtained shall be of a qualified and capable firm that provides generator/transfer tests and inspection services in accordance with the frequencies listed for each municipality in **Attachment A**. At each inspection, provide properly qualified and experienced staff to complete a full-load test or load bank test. If a full load is not available, the Bid Proposal shall accommodate for a temporary load bank of sufficient size. Qualified providers must be able to provide 24-hour service to the listed generators/transfer switches. Any exception(s) must be clearly noted and explained in the Bid Proposal. The Contractor should be on-site within 4 hours in emergency situations, including after hours, weekends and holidays. Any exception(s) must be clearly

noted and explained in the bid proposal.

a. **Scheduling of Work:** To minimize the disruption of Village employees, inspections, maintenance and repairs shall be coordinated and completed with the Public Works Department and shall be cognizant that some municipal facilities are partially open to the public. Staff, including public safety personnel, will remain on site during contracted work. Additionally, written prior approval is required to work during any holiday.

b. **Safety:** The contractor is advised that they will be expected to comply with all OSHA standards as well as the Illinois Department of Labor to protect both the Contractors' staff and building occupants not employed by the Contractor. Except to the OSHA Noise Hazard Requirement of 90 dBA, all contractors shall provide hearing protection for their employees exposed to noise levels of 85 dBA and above. The contractor shall report all serious injuries, occupational exposures, or substantial property loss to the Municipalities. The contractor shall provide the Municipalities with a copy of all Material Safety Data Sheets (MSDS) for hazardous materials (as defined by OSHA) used to complete the work of this project.

c. **Disposal:** The Contractor shall remove all debris from associated municipal facilities to an approved dump location without additional cost or encumbrance to the Municipalities. The Contractor shall remove all tools, general supplies and all materials brought to the site by the Contractor or any of its vendors or employees.

d. **Utilities:** The Contractor may utilize the water and electricity at the facility being worked on.

e. **Completion of Job:** The job is not considered complete until all work listed in the Scope has been inspected and accepted by the Municipalities respective designee. Completion includes, but is not limited to, satisfaction of the designated representative that the project scope has been completed as designated within this document, all deliverables have been received, any damage to Village property has been repaired, and all cleanup of refuse has taken place.

9. INVOICES AND PAYMENTS

The Contractor shall submit invoices to the Village detailing the services provided on a monthly basis. All services shall be invoiced based on unit pricing and quantities used. The Village shall only pay for quantities used or ordered. Quantities may be adjusted up or down based on the needs of the Village. Payment shall be made in accordance with the Local Government Prompt Payment Act.

Invoices shall be delivered to:

Village of Buffalo Grove
City Hall
50 Raupp Blvd.
Buffalo Grove, IL 60089

Village of Glenview
Public Works Department
2498 East Lake Avenue
Glenview, IL 60026

Village of Highland Park
City Hall
1707 St. Johns Ave.
Highland Park, IL 60035

Village of Kenilworth
Village Hall
419 Richmond Ave.
Kenilworth, IL 60043

Village of Mount Prospect
Public Works Department
Attn: Casey Botterman
1700 W. Central Rd.
Mt. Prospect, IL 60056

Village of Northbrook
Village Hall
1225 Cedar Ln.
Northbrook, IL 60062

10. CALENDAR OF EVENTS (*TENTATIVE AND SUBJECT TO CHANGE*)

Please note: Timelines specific to recommendation and approval by the Village Board of Trustees are subject to change per the schedules of each respective participating municipality. For questions specific to a municipality's schedule, please contact the Village of Glenview.

DATE	ACTIVITY
October 20, 2025	Bid sent to potential bidders and advertised on DemandStar.
October 28, 2025	Last day to submit questions and requests for clarification.
October 30, 2025	Addendum issued if necessary
November 3, 2025	***Deadline for Bid Submission.*** **Bids received after the date and time identified will be returned unopened** **One (1) electronic PDF of the completed/signed bid by November 3, 2025 before 2:00 P.M. CST, to DemandStar.** **Please see the attached instructions on How to Register in DemandStar, How to Respond to an Electronic Bid in DemandStar, and How to Search for Bids in DemandStar.**
November 2025	Recommendation to the Village Board of Trustees
January 1, 2026	Implementation Date

11. ADDITIONAL INFORMATION

Should the bidder require additional information about this bid, please submit questions via email to: purchasing@glenview.il.us. Questions are required **no later than 4:30 P.M. on October 28, 2025.**

ANY and ALL changes to these specifications are valid only if they are included by written Addendum from the Village to All Bidders. No interpretation of the meaning of the plans, specifications or other contract documents will be made orally. Failure of any bidder to receive any such addendum or interpretation shall not relieve the bidder from obligation under this bid as submitted. All addenda so issued shall become part of the bid documents. Failure to request an interpretation constitutes a waiver to later claim that ambiguities or misunderstandings caused a bidder to improperly submit a bid.

The Village recognizes that in some cases the information conveyed in this RFB may provide an insufficient basis for performing a complete analysis of the RFB requirements. Prospective bidders are, therefore, requested to make the best possible use of the information provided, without the expectation

that the Village will be able to answer every request for further information or that the schedule for receipt and evaluation of bids will be modified to accommodate such request.

GENERAL TERMS AND CONDITIONS

1. **SUBMISSION OF BID**

All bids must be submitted electronically through DemandStar.com by the specified opening date and time of the bid. Bids submitted after the specified date and time will not be accepted. Mailed and in person delivery of bids will not be accepted by the Village. Any bid not submitted electronically via DemandStar.com may be rejected as non-responsive.

It is the sole responsibility of the Bidder to submit the **pdf copy** of the bid on DemandStar.com. Instructions for submitting bids are attached to this document and may be found at https://www.glenview.il.us/purchasing.

The Village is utilizing DemandStar.com to take the place of the paper bid that would normally be sent to the Village Hall. Respondents are still required to complete all of the bid documents and provide all of the requested information in a pdf file(s) as if they were submitting a paper bid. A scanned copy of the bid bond must be included in the pdf file submission on DemandStar.com.

2. **DEFINITIONS**

A. **Base Bid** is the sum stated in the Bid for which the Bidder offers to perform the Work described in the Bidding Documents as the base, to which Work may be added or from which Work may be deleted for sums stated in Option Bids/Alternate Bids or Unit Prices.

B. **Option or Alternate Bid** is an amount stated in the Bid for each item to be added to or deducted from the amount of the Base Bid if the corresponding changes in the Work, as described in the Bidding Documents, if accepted.

C. **Unit Price** is an amount stated in the bid as a price per unit of measurement for materials, equipment or services, including all overhead and profit for a portion of the Work as described in the Bidding Documents. The Owner may reject or negotiate any unit price which is considered excessive or unreasonable.

In the event of a conflict or calculation error between the total base bid pricing, and/or extension pricing, the Unit Price shall prevail.

D. **Option Price** is a base bid price that may be accepted in lieu of the base bid.

3. **RESPONSIVE BID**

A. A "Responsive Bid" is defined as a "bid which conforms in all material respects to the requirements set forth in the invitation for bids." Bidders are hereby notified that any exceptions to the requirements of this bid may be cause for rejection of the bid.

B. Bidders shall promptly notify the Village of any ambiguity, inconsistency or error which they may discover upon examination of the bidding documents. Interpretations, corrections and changes will be made by addendum. **Each bidder shall ascertain prior to submitting a bid that all addenda have been received and acknowledged in the bid.**

4. **UNBALANCED BIDDING**

Bidders shall not submit a bid, which contains irregularities of any kind, including unbalanced bids. By an unbalanced bid, it is meant that one or more separate items or subsections are substantially out of line with the current market price for the materials and/or work covered herein.

The Village further reserves the right not to award or to negotiate any items whose unit prices or subsection appears excessive or unbalanced. Furthermore, the Village reserves the right to reject the unbalance item(s) and to contract with another provider for the services without giving further consideration to the bidder.

5. **WITHDRAWAL OF BID**
Bids may be withdrawn at any time prior to the advertised bid opening through DemandStar.com or by submitting a request in writing to the Purchasing Manager at purchasing@glenview.il.us. Bidders withdrawing their bid prior to the date and time set for the bid opening may still submit another bid if done so in accordance with these instructions. After the bid opening time, no bid shall be withdrawn or canceled for a period of ninety (90) calendar days thereafter. The successful Bidder shall not withdraw or cancel its bid after having been notified that the Village's board of trustees have accepted said bid.

6. **DOCUMENTS OBTAINED FROM OTHER SOURCES**
The Village of Glenview and DemandStar are the only official sources for bid packages and supporting materials. To ensure receipt of addenda and any other notices concerning this project, bidders must either email purchasing@glenview.il.us confirming receipt of the bid documents (i.e. request to be added to the plan-holders list) or download a copy of the bid documents directly from DemandStar. The Village cannot ensure that bidders who do not email purchasing@glenview.il.us or have not downloaded the bid documents from DemandStar will receive addenda and other notices. All bidders are advised that bids that do not conform to the requirements of this bid package, including compliance with and attachment of all addenda and other notices, may, at the Village's discretion, be rejected as nonresponsive and/or the bidder disqualified. **In such cases, the Village will NOT rebid the project absent extraordinary circumstances.**

7. **CONTACT WITH VILLAGE PERSONNEL**
All bidders are prohibited from making any contact with the Village President, Village Trustees, or any other official or employee of the Village (collectively, "Village Personnel") with regard to the Project, other than in the manner and to the person(s) designated herein. The Village Manager reserves the right to disqualify any bidder found to have contacted Village Personnel in any manner with regard to the Project. Additionally, if the Village Manager determines that the contact with Village Personnel was in violation of any provision of 720 ILCS 5/33EE, the matter will be turned over to the Cook County State's Attorney for review and prosecution.

8. **CONTRACTOR REPRESENTATIONS**
Contractor hereby represents and warrants as follows:

A. It is a company which is validly existing and duly authorized to do business under the laws of the State of Illinois, with power and authority to conduct its business as currently conducted and as contemplated by this Agreement.

B. All necessary corporate, regulatory, or other similar action has been taken to authorize and empower Contractor to execute, deliver and perform this Agreement. The person(s) executing this Agreement on behalf of Contractor is duly authorized to do so and this Agreement is a legal, valid and binding obligation of each and all of the owners, shareholders, officers, managers, partners or members of Contractor, enforceable against them in accordance with its terms, subject to bankruptcy, equitable principles and laws affecting creditor's rights generally.

C. Except only for those representations, statements or promises expressly contained in the Agreement Documents, no representation, statement or promise, oral or in writing, of any kind whatsoever by the Village, its officials, agents, or employees has induced Contractor to enter into this Agreement or has been relied upon by Contractor.

D. No proceeding of any kind, including, but not limited to, litigation, arbitration, judicial or administrative, is pending or threatened against or contemplated by Contractor which would under any circumstance have any material adverse effect on the execution, delivery, performance or enforceability of this Agreement. As of the date of execution of this Agreement, Contractor has not received notice, or has a reasonable basis for believing that Contractor or any of its members, shareholders, partners, associates, officers, managers or employees are the subject of any criminal action, complaint or investigation pertaining to any felony charge, or any civil action or claim predicated on alleged acts of antitrust violations; business fraud; discrimination due to race, creed, color, disability, gender, marital status, age, national origin, or religious affiliation.

E. This Agreement constitutes a valid, legal and binding obligation of Contractor, and to the extent permissible by law, is enforceable against it in bankruptcy, insolvency, reorganization, moratorium and other laws affecting the enforcement of creditors' rights generally and to general principles of equity, regardless of whether such enforcement is considered in a proceeding in equity or at law.

F. Contractor shall provide prompt notice to the Village whenever any of the representations or warranties contained herein ceases to be true or correct.

9. DISCLOSURES AND POTENTIAL CONFLICTS OF INTEREST (30 ILCS 500/50-35)

The Village's Code of Ethics prohibits public officials or employees from performing or participating in an official act or action with regard to a transaction in which he has or knows he will thereafter acquire an interest in profit, without full public disclosure of such interest. This disclosure requirement extends to the spouse, children and grandchildren, and their spouses, parents and the parents of a spouse, brothers and sisters and their spouses.

To ensure full and fair consideration of all bids, the Village requires all Bidders, including owners or employees, to investigate whether a potential or actual conflict of interest exists between the Bidder and the Village, its officials, and/or employees. If the Bidder discovers a potential or actual conflict of interest, the Bidder must disclose the conflict of interest in its bid, identifying the name of the Village official or employee with whom the conflict may exist, the nature of the conflict of interest, and any other relevant information. The existence of a potential or actual conflict of interest does NOT, on its own, disqualify the disclosing Bidder from consideration. Information provided by Bidders in this regard will allow the Village to take appropriate measures to ensure the fairness of the bidding process.

The Village requires all bidders to submit a certification, enclosed with this bid packet, that the bidder has conducted the appropriate investigation and disclosed all potential or actual conflicts of interest.

By submitting a bid, all Bidders acknowledge and accept that if the Village discovers an undisclosed potential or actual conflict of interest, the Village may disqualify the Bidder and/or refer the matter to the appropriate authorities for investigation and prosecution.

10. RESPONSIVENESS OF BIDS

Bids shall be evaluated as follows (not listed in order of priority) to determine responsiveness:

- Bid pricing
- Compliance with specifications
- Submittal of required documentation

9. JOINT PURCHASING/PURCHASING EXTENSION

The purchase of goods and services pursuant to the terms of this Agreement shall also be offered for purchases to be made by other governmental units, as authorized by the Governmental Joint Purchasing Act, 30 ILCS 525/0.01, *et seq.* (the "Act"). All purchases and payments made under the Act shall be made directly by and between each governmental unit and the successful bidder. The bidder agrees that the Village of Glenview shall not be responsible in any way for purchase orders or payments made by other governmental units. The bidder further agrees that all terms and conditions of this Agreement shall continue in full force and effect as to the other governmental unit during the extended term of this Agreement.

Bidder and the other governmental unit may negotiate such other and further terms and conditions to this Agreement ("Other Terms") as individual projects may require. To be effective, Other Terms shall be reduced to writing and signed by a duly authorized representative of both the successful bidder and the other governmental unit.

The bidder shall provide the other governmental unit with all documentation as required in the RFB, and as otherwise required by the Village of Glenview, including, but not limited to:

- 100% performance and payment bonds in the amount awarded by the respective governmental unit
- Certificate of insurance naming each additional governmental unit as an additional insured
- Certified payrolls to each governmental unit for work performed

10. MODIFICATIONS

Bidders shall be allowed to modify/withdraw their bids prior to opening. Once bids have been received and opened, bids cannot be withdrawn or modified without the approval of the Village's Board of Trustees.

This Agreement may be amended or supplemented only by an instrument in writing executed by both of the parties hereto.

11. ASSIGNMENT

Neither the Contractor nor the Village shall assign any duties or performance under this Agreement without the express written consent of the other.

12. NO IMPLIED WAIVERS

The failure of either party at any time to require performance by the other party of any provision of this Agreement shall not affect in any way the full right to require such performance at any time thereafter. Nor shall the waiver of either party of a breach of any provision of this Agreement be taken or held to be a waiver of the provision itself.

13. PREVAILING WAGE

If this contract calls for the construction of a "public work", within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01et seq. ("the Act"), the Act requires contractors and subcontractors to pay laborers, workers, and mechanics performing services on public works projects no less than the "prevailing rate of wage" (hourly cash wages plus fringe benefits) in the county where the work is performed.

For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor's website at http://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/prevailing-wage-rates.aspx. All contractors and subcontractors rendering services under this contract must comply with all requirement of the Act, including but not limited to, all wage, notice and record keeping duties.

14. CERTIFIED PAYROLL REQUIREMENTS

Pursuant to PA 100-1177 and in accordance with 820 ILCS 130/5.1, contractors shall submit to the Illinois Department of Labor (IDOL) all certified payroll records for prevailing wage work performed by contractor employees or subcontractors. IDOL is charged with developing and maintaining an online portal for prevailing wage construction contractors to file their certified payrolls. The portal may be accessed by visiting https://www2.illinois.gov/idol/LawsRules/CONMED/Pages/certifiedtranscriptofpayroll.aspx.

15. CHANGE ORDERS

The Village believes that the project is fully defined in the Contract Documents and that Change orders will not be necessary. However, **in the event that a Change Order is required, the Contractor shall review the scope of work to be performed under the contract to suggest alternatives that can be implemented to offset the cost increase of any necessary changes without sacrificing the quality and/or scope of the contract specifications.** All Change Orders and alternative suggestions must be approved by the Village prior to execution.

A. In case of an increase in the Contract Sum, there will be an allowance for overhead and profit.

B. The allowance for the combined overhead and profit, including premiums for all bonds and insurance, shall be based on the percentage as bid. This same percentage shall apply to **both extras and credits and for work** performed by the Contractor, a Subcontractor, or Sub-subcontractor.

C. Detailed written Requests for Change Orders must be submitted to the Purchasing Manager. In order to facilitate checking of quotations for extras or credits, all requests for change orders shall be accompanied by a complete itemization of costs including labor, materials and Subcontracts. Where major cost items are Subcontracts, they shall also be itemized. Requests will be reviewed by the Purchasing Manager.

D. Each written Request for a Change Order must be accompanied by written suggestions where costs can be reduced to offset the Change Order increase requested or a written certification stating that the Contractor has reviewed the work to be performed and cannot identify areas where costs can be reduced.

E. A written Change Order must be issued by the Purchasing Manager prior to commencing any additional work covered by such order. Work performed without proper authorization shall be the Contractor's sole risk and expense.

F. All change order requests and approvals shall comply with the provisions of 720 ILCS 5/33E-9.

16. RESPONSIBILITY OF BIDDER

Bidders shall be evaluated as follows (not listed in order of priority) to determine responsibility:

- References (Complete the Reference Sheet included herein)
- Firm/Staff Experience

Identify references for similar projects as outlined above. Please include the organization, contact name, title, address, telephone number and cost of the project on the reference sheet provided herein. Failure to provide references as identified may result in the bidder being considered not responsible with no further consideration for award.

No agreement will be awarded to any person, firm or corporation that is in whole or in part, in an unsatisfactory manner, in any agreement with the Village, or who is a defaulter as to surety or otherwise upon any obligation to the Village.

17. ADDITIONS/DELETIONS

The quantities indicated are estimated quantities. The Village does not guarantee any specific amount and shall not be held responsible for any deviation. This contract shall cover the Village's requirements whether more or less than the estimated amount.

The Village reserves the right to increase and/or decrease quantities or add or delete locations during the term of the Agreement, whatever is deemed to be in the best interest of the Village.

18. SILENCE OF SPECIFICATIONS

The apparent silence of specifications as to any detail or apparent omission from it as detailed description concerning any portion shall be interpreted as meaning that only the best commercial material or practice shall prevail and that only items of the best material or workmanship to used.

19. HOLD HARMLESS

The Contractor agrees to indemnify, save harmless and defend the Village and its respective elected and appointed officials, employees, agents, consultants, attorneys and representatives and each of them against and hold it and them harmless from any and all lawsuits, claims, injuries, demands, liabilities, losses, and expenses; including court costs and attorneys' fees for or on account of any injury to any person, or any death at any time resulting from such injury, or any damage to property, which may arise or which may be alleged to have arisen out of, or in connection with the work covered by this project. The foregoing indemnity shall apply except if such injury is caused directly by the willful and wanton conduct of the Villages, its agents, servants, or employees or any other person indemnified hereafter. The obligations of the Contractor under this provision shall not be limited by the limits of any applicable insurance required by the Contractor. The Contractor's obligations under this Section shall survive the expiration or termination of this Agreement.

20. CHANGE IN STATUS

The Contractor shall notify the Village immediately of any change in its status resulting from any of the following: (a) vendor is acquired by another party; (b) vendor becomes insolvent; (c) vendor, voluntary or by operation law, becomes subject to the provisions of any chapter of the Bankruptcy Act; (d) vendor ceases to conduct its operations in normal course of business. The Village shall have the option to terminate its contract with the vendor immediately on written notice based on any such change in status.

21. TERMINATION

The Village reserves the right to terminate this Agreement, or any part thereof, upon thirty (30) days written notice. In case of such termination, the Contractor(s) shall be entitled to receive payment from the Village for work completed to date in accordance with the terms and conditions of this agreement. In the event that this Contract is terminated due to Contractor's default, the Village shall be entitled to purchase substitute items and/or services elsewhere and charge the Contractor with any or all losses incurred, including attorney's fees and expenses.

22. TERMINATION FOR DEFAULT

The Village reserves the right to immediately terminate this Agreement with written notification for default. Contractor's default shall include but not be limited to: failure to perform or complete tasks outlined in the specifications within the stipulated time frame, failure of requests to provide additional labor, any criminal activity by any staff member within the Village, failure to promptly comply with the contract specifications and repeat non-compliance with the contract specifications after written notice, etc.

23. REFERENCES

The Contractor shall provide customer references using the form identified herein. Each bidder must demonstrate at least five (5) years' prior experience, as a full-time firm, primarily, continuously and actively engaged in the work as identified in the Scope of Work.

The Village reserves the right to contact references, review financial statements and any other resources to determine the capability of the bidder.

24. SUBCONTRACTORS

If any Bidder submitting a bid intends on subcontracting out all or any portion of the engagement, that fact, and the **name of the proposed subcontracting firm(s) must be clearly disclosed in the bid on the form provided herein** (use additional sheets if necessary).

In the event the Contractor requires a change of the subcontractor (s) identified, a written request from the Contractor and a written approval from the Village is required.

Failure to identify subcontractors could result in disqualification.

25. PROTEST PROCEDURE

The full context of Protest Procedures can be found in the Village's Procurement Policy at https://glenview.il.us/government/Pages/Purchasing.aspx. An overview of the procedures are included below.

Any bidder wishing to file a protest regarding the bid process may do so by giving written notice to the Village's Purchasing Division within three (3) business days of award. This notice must include a protest bond, the title of the requirement, the request for bid number, the closing date and the nature of the protest.

In the event that the protest cannot be resolved by mutual agreement, the Purchasing Division shall refer the protest to the Village Manager or his/her duly authorized representative within five (5) business days after the protest meeting with a recommendation, in writing, for resolution of the protest. The Village Manager may conduct an evidentiary hearing at his or her sole option and may designate a representative to preside at such a hearing. The Village Manager will conduct a review and try to resolve the issue in a manner amicable to all parties within ten (10) business days after receipt of the recommendation, date of the hearing or the review,

whichever is later.

26. PRECEDENCE
Where there appears to be variances or conflicts, the following order of precedence shall prevail: The Agreement between the Village and Contractor, the Village's Project Specifications, the Village's General Terms & Conditions and Special Terms & Conditions and the Contractor's Bid Response.

27. JURISDICTION, VENUE, CHOICE OF LAW
This agreement shall be governed by and construed according to the laws of the State of Illinois. Jurisdiction and venue shall be exclusively found in the Circuit Court of Cook County, State of Illinois.

28. PROPERTY OF THE VILLAGE
All documents, findings and work products shall become the property of the Village upon payment for services rendered.

29. ON-ENFORCEMENT BY THE VILLAGE
The Contractor shall not be excused from complying with any of the requirements of the agreement because of any failure on the part of the Village, on any one or more occasions, to insist on the Contractor's performance or to seek the Contractor's compliance with any one or more of said terms or conditions.

28. RESERVATION OF RIGHTS
The Village reserves the right to accept the Bid that is, in its judgment, the best and most favorable to the interests of the Village and the public; to reject the low price Bid; to reject any and all Bids; to accept and incorporate corrections, clarifications or modifications following the opening of the Bid when to do so would not, in the Village's opinion, prejudice the bidding process or create any improper advantage to any Bidder; and to waive irregularities and informalities in the bidding process or in any Bid submitted; provided, however, that the waiver of any prior defect or informality shall not be considered a waiver of any future or similar defects or informalities, and Bidders should not rely upon, or anticipate, such waivers in submitting the Bid. The enforcement of this Reservation of Rights by the Village shall not be considered an alteration of the bids.

29. NON-APPROPRIATIONS
The Village reserves the right to terminate their respective part of this contract or to reject bids, in the event that sufficient funds to complete the contract are not appropriated by the Village Board of Trustees of the Village.

30. COMPETENCY OF BIDDER
If requested in writing by the Village, the Bidder must present within three (3) working days, satisfactory evidence of its ability and possession of the necessary facilities, experience, financial resources and adequate insurance to comply with the terms of the Contract Documents.

31. CONTRACTOR LICENSES
The bidder to which the contract is awarded (including subcontractors), prior to commencing any work, must have a valid Contractor's License or other required license on-file with the Village.

32. PERMITS AND LICENSES
A. Contractor shall obtain, at its own expense, all permits and licenses which may be required to complete the Work, and/or required by municipal, state, and federal regulations and laws. Prior to performing any Work, Contractor and all subcontractors must obtain a business license in the Village. Contractor is directed to the permitting requirements (including but not limited fence, construction, demolition, dumpster, electrical, grading, plumbing, right-of-way and roofing permits) contained in the Village's code.

B. Contractor represents that it, its employees, agents and subcontractors shall hold all required licenses, permits, qualifications and certificates, and have duly registered and otherwise complied in all respects with all applicable federal, state and local laws, regulations and ordinances applicable to the performance of this contract.

33. SAFETY

The Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work on this project. The Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, or injury to all persons and property. The Contractor shall comply with all applicable federal, state, and local safety laws, regulations and codes. The Contractor shall be in charge of, and responsible for, maintaining the site and performing the Work, to prevent accidents or injury to persons on, about, or adjacent to the site where the Work is being performed. The Contractor shall maintain and implement, and ensure that all Subcontractors maintain and implement, an appropriate safety/loss prevention program for the protection of the life and health of employees and persons nearby. The Contractor is fully responsible and assumes liability for the failure of Subcontractors to comply with the requirements herein.

34. ADDITIONAL SAFETY STANDARDS

Contractor shall perform all Work in compliance with all applicable Federal, State and local laws and regulations, including but not limited to, the following:

All equipment used under this contract shall be maintained in good operating condition and be appropriately licensed and inspected by the State of Illinois or authority having jurisdiction.

Any hazardous work practice(s) being conducted as determined by each Municipality's designee shall be immediately discontinued by the Contractor upon receipt of either written or verbal notice by the Director of Public Works or his/her designee to discontinue such practice(s). The Contractor shall not continue any work which it considers dangerous and shall immediately notify the Director of Public Works or his/her designee if such is the case.

35. INDEPENDENT CONTRACTOR

The Contractor is an independent contractor and no employee or agent of the Contractor shall be deemed for any reason to be an employee or agent of the Village.

36. AUDIT/ACCESS TO RECORDS

A. The contractor shall maintain books, records, documents and other evidence directly pertinent to performance on the work under this agreement consistent with generally accepted accounting standards in accordance with the American Institute of Certified Public Accountants Professional Standards. The contractor shall also maintain the financial information and data used by the contractor in the preparation or support of any cost submissions required under this subsection (Negotiation of Contract Amendments, Change Orders) and a copy of the cost summary submitted to the owner. The Auditor General, the owner, the Agency, or any of their duly authorized representatives shall have access to the books, records, documents, and other evidence for purposes of inspection, audit, and copying. The contractor will provide facilities for such access and inspection.

B. If this contract is a formally advertised, competitively awarded, fixed price contract, the contractor agrees to include access to records as specified above. This requirement is applicable to all negotiated change orders and contract amendments in excess of $25,000, which affect the contract price. In the case of all other prime contracts, the contractor also agrees to include access to records as specified above in all his contracts and all tier subcontracts or change orders thereto directly related to project performance, which are in excess of $25,000.

C. Audits conducted pursuant to this provision shall be consistent with generally accepted auditing standards in accordance with the American Institute of Public Accountants Professional Standards.

D. The contractor agrees to the disclosure of all information and reports resulting from access to records pursuant to the subsection above. Where the audit concerns the contractor, the auditing agency will afford the contractor an opportunity for an audit exit conference and an opportunity to comment on the pertinent portions of the draft audit report. The final audit report will include the written comments, if any, of the audited parties.

E. Records under the subsections above shall be maintained and made available during performance of the work under this loan agreement and until three years from the date of final audit for the project. In addition, those records which relate to any dispute or litigation or the settlement of claims arising out of such performance, costs or items to which an audit exception has been taken, shall be maintained and made available for three years after the date of resolution of such dispute, appeal, litigation, claim or exception.

F. The right of access conferred by this clause will generally be exercised (with respect to financial records) under:

i. negotiated prime contractors;
ii. negotiated change orders or contract amendments in excess of $25,000 affecting the price of any formally advertised, competitively awarded, fixed price contract; and
iii. subcontracts or purchase orders under any contract other than a formally advertised, competitively awarded, fixed price contract.

G. This right of access will generally not be exercised with respect to a prime contract, subcontract, or purchase order awarded after effective price competition. In any event, the right of access shall be exercised under any type of contract or subcontract:

i. with respect to records pertaining directly to contract performance, excluding any financial records of the contractor; and
ii. if there is any indication that fraud, gross abuse, or corrupt practices may be involved.

37. CONFIDENTIALITY

Contractor understands that it may receive or gain access to information that is confidential or highly sensitive in nature and acknowledges that such information will be used only for the purpose of fulfilling its obligations under the Agreement. Further, any output from this Agreement is to be kept confidential and is for the sole use of the Village. Contractor shall not reveal such information and/or output to other parties without the express written permission of the Village. All records and documents received by Contractor from the Village shall remain the sole property of the Village and all such records, or exact copies thereof, shall be turned over intact to the Village within ten (10) days of the Village's request.

Confidential information shall include, without limitation:

A. All information that concerns the business affairs of the Village including, without limitation, financial information, and all other data, records, and proprietary information involving the Village's business operations;
B. Any information developed or created by Contractor in connection with the services being rendered under this Agreement by Contractor; and
C. Any other information reasonably identified by the Village as confidential; provided however that confidential information shall not include the following:
i. Information known by, or generally available to the public at large through no breach by Contractor of this Agreement;
ii. Any information given to Contractor by a third party without continuing restrictions on its use;
iii. Information disclosed by Contractor with the Village's written approval; and
iv. Information required to be disclosed by law.

38. FREEDOM OF INFORMATION ACT

As a Contractor of the Village, Contractor may be subject to certain records requests brought pursuant to the Illinois Freedom of Information Act, 5 ILCS 140/1, et seq. (the "Act") Contractor agrees to cooperate with the Village to answer requests for records brought pursuant to the Act for which Contractor may have records in its possession.

39. OMISSIONS/HIDDEN CONDITIONS

The drawings and/or specifications are intended to include all work and materials necessary for completion of the work. Any incidental item of material, labor, or detail required for the proper execution and completion of the work and omitted from either the drawings or specifications or both, but obviously required by governing codes, federal or state laws, local regulations, trade practices, operational functions, and good workmanship, shall be provided as a part of the contract work at no additional cost to the owner, even though not specifically detailed or mentioned.

40. **NEW PARTS AND MATERIALS: TITLE**
Equipment and materials must be of current date (latest model or supply) and meet specifications. This provision excludes the use of surplus, re-manufactured or used products, whether in part or in whole, except where specifications explicitly provide therefore. Further, the bidder warrants that it has lien free title to all equipment, supplies, or materials purchased under the terms of this contract.

41. **EXCEPTIONS TO SPECIFICATIONS**
Any exceptions to these specifications shall be listed and fully explained on a separate page entitled "Exceptions to Specifications", prepared by the Bidder on its firm's letterhead, to be attached to and submitted with these documents at the time of submission of the bid. **Each exception must refer to the page number and paragraph to which it pertains**. The nature of each exception shall be fully explained. Bidders are cautioned that any exceptions to these specifications may be cause for rejection of the bid.

Should a Bidder submit a bid where any exception is not clearly marked, described and explained, the Village will consider the bid to be in strict compliance with these specifications. If then awarded an agreement, the successful Bidder shall comply with all requirements in accordance with these specifications.

42. **FIELD MODIFICATIONS**
A field modification is written by the Village to the contractor for purposes of clarification of the specifications or plans. A field modification is limited to items that do not change the scope of the project. Field modifications do not affect either the project cost or completion date.

Field modifications become part of the Contract Documents and become binding upon the contractor if he fails to object within three (3) working days after receiving the modification. A field modification may be used as the basis of a project cost change or contract extension if all parties agree on the field modification form to a potential future claim of either party, or that the field modification will be compiled with, but under protest.

41. **NOTICE TO PROCEED**
No work shall be undertaken prior to contract approval by the Contractor and the Village and the issuance of a Notice to Proceed and purchase order.

42. **GUARANTIES AND WARRANTIES**
All guaranties and warranties required shall be furnished by the bidder and shall be delivered to the Village before the final voucher on the contract is issued.

43. **SECURITY GUARANTEE**
Each bidder shall submit a Bid Bond to serve as a guarantee that the bidders shall enter into a contract with the Village to perform the work identified herein, at the price bid. As soon as the bid prices have been compared, the Village will return the bonds of all except the three lowest responsible bidders. When the Agreement is executed the bonds of the two remaining unsuccessful bidders will be returned. The bid bond of the successful bidder will be retained until the payment bond and performance bond have been executed and approved, after which it will be returned.

Any bid not complying with the Security requirement may be rejected as non-responsive.

A scanned copy of the bid bond must be included in the pdf file submission on DemandStar.com.

44. **CONTRACT BONDS**

The successful Contractor shall furnish within ten (10) calendar days after being notified of the acceptance of bid:

6.1 A performance bond satisfactory to the Village, executed by a surety company authorized to do business in the State of Illinois, in an amount equal to 100 percent (100%) of the purchase order issued by the Village as security for the faithful performance of the Village's contract; and

6.2 A payment bond satisfactory to the Village, executed by a surety company authorized to do business in the State of Illinois, for the protection of all persons supplying labor and materials to the Contractor or Subcontractors for the performance of work provided for in the contract, in an amount equal to 100 percent (100%) of the purchase order issued by the Village.

6.3 Documents required by this section must be received and approved by the Owner before a written contract will be issued.

All bonds must be from companies having a rating of at least A-minus and of a class size of at least X as determined by A.M. Best Ratings.

45. SEVERABILITY

If any part of this Agreement shall be held to be invalid for any reason, the remainder of this Agreement shall be valid to the fullest extent permitted by law.

46. NOTICES

Any notices or demands, which may be or are required, to be given by either party to the other under this Agreement shall be in writing, and all notices, demands and payments required to be given or made hereunder shall be given or made either: (a) by hand delivery; or (b) by United States certified mail, postage prepaid addressed to the Village or Contractor, respectively, at the following addresses, or at such other place as the Village or Contractor may from time to time designate in writing:

If to the Village:
The Village of Glenview
2500 East Lake Avenue
Glenview, IL 60026
Attn: _____

With a copy to:
Julie A. Tappendorf
Ancel Glink
140 S. Dearborn Street, 6th Floor
Chicago, IL 60603

If to the Contractor:
Midwest Power Industry Inc
POBox 106
Ringwood, IL 60072
Attn: Geri Henningfield

With a copy to:
Midwest Power Industry Inc
4833 prime Parkway
McHenry, IL 60050

1. **INSURANCE**

The Contractor shall be required to purchase and maintain during the life of the Agreement, the following required insurance with limits of not less than set forth below:

A. COMMERCIAL GENERAL LIABILITY INSURANCE

Coverage on an occurrence basis that insures against claims for bodily injury (including death), property damage and personal and advertising injury arising out of or in connection with any Services under the Agreement, whether such operations or services are by the Contractor or a subcontractor. The minimum limits of liability for this insurance is as follows:

a. $1,000,000 combined single limit - each occurrence

b. $1,000,000 personal and advertising injury;

c. $2,000,000 combined single limit - general aggregate; and

d. $1,000,000 combined single limit - products/completed operations aggregate.

This insurance shall include coverage for all of the following:

e. When the following box is checked - ☐ any general aggregate limit shall apply per project;

f. Liability arising from premises and operations;

g. Liability arising from the actions of independent contractors;

h. When the following box is checked - ☐ liability arising from the explosion, collapse and underground hazards;

i. Liability arising from products and completed operations with such coverage to be maintained for two (2) years after termination of the Agreement;

j. Contractual liability including protection for the Contractor from bodily injury (including death) and property damage claims arising out of liability assumed under any resulting Agreement; and

On all Commercial General Liability Insurance policies, the Village, its elected and appointed officials and its employees shall be named as additional insureds, on a primary and non-contributory basis. The endorsements evidencing the additional insured status required herein shall accompany the certificates of insurance furnished to the Village under this Section.

B. BUSINESS AUTO LIABILITY INSURANCE

At least $1,000,000 combined single limit each accident, covering bodily injury (including death) and property damage claims arising out of the ownership, maintenance or use of owned, non-owned, and hired autos.

C. WORKERS' COMPENSATION INSURANCE

Statutory benefits as required by Illinois law, including standard Other States Insurance and Employers' Liability Insurance with limits of at least $1,000,000 each accident/$1,000,000 each employee disease/$1,000,000 disease policy limit. The minimum employers' liability limits may be satisfied with a combination of employers' liability and umbrella excess liability insurance.

The Contractor shall not commence services under the Agreement until it has obtained, at its own expense, all required insurance and such insurance has been approved by the Village; nor shall the Contractor allow any subcontractor to commence operations or services on any subcontract until all insurance required of the subcontractor has been so obtained and approved by the Contractor. Approval of the Contractor's required insurance will be granted only after submission to the Village of original certificates of insurance and any required endorsements evidencing the required insurance, signed by authorized representatives of the insurers, to the Village via e-mail to purchasing@glenview.il.us.

1. The Contractor shall require all subcontractors to maintain during the term of the Agreement, commercial general liability insurance, business auto liability insurance and workers' compensation and employers' liability insurance to the same extent required of the Contractor in 1.A., 1.B., 1.C. and 1.E. (when required) herein. The Contractor shall furnish subcontractor's certificates of insurance to the Village immediately upon the Village's request.

2. Providing any insurance required herein does not relieve the Contractor of any of the responsibilities or obligations assumed by the Contractor in the Agreement or for which the Contractor may be liable by law or otherwise.

3. Failure to provide and continue in force insurance as required herein may be deemed a material breach of the Agreement and shall be grounds for immediate termination of the Agreement by the Village, in the Village's sole discretion.

4. Failure of the Village to receive from Contractor certificates or other evidence of full compliance with these insurance requirements or failure of the Village to identify a deficiency in these requirements from such certificates or other evidence provided shall not be construed as a waiver of Contractor's obligation to maintain required insurance.

5. By requiring insurance and insurance limits herein, the Village does not represent that coverage and limits will necessarily be adequate to protect Contractor.

6. The Contractor shall advise the Village via email to purchasing@glenview.il.us and by certified mail, return receipt requested, within two (2) business days after Contractor's receipt of any notice of cancellation, non-renewal, or other termination of, or any substantive change to any insurance policy providing or represented as providing the coverages mandated herein. Failure to do so may be construed as a material breach of the Agreement.

7. The Contractor's and all subcontractor's insurers must be lawfully authorized to do business in the State of Illinois and must be acceptable to the Village, in their sole discretion. All such insurers must have a Best's Financial Strength Rating of "A" or better, and a Financial Size Category of "Class VII" or better in the latest evaluation by the A. M. Best Company, unless the Village grants specific prior written approval for an exception.

8. Any deductibles or retentions of $5,000 or greater ($10,000 for umbrella excess liability) for any policies required hereunder shall be disclosed by the Contractor, and are subject to the Village's prior written approval. Any deductible or retention amounts elected by the Contractor or its subcontractor or imposed by Contractor's or its subcontractor's insurer(s) shall be the sole responsibility of Contractor or its subcontractors and are not chargeable to the Village as expenses.

9. If any required insurance purchased by the Contractor or its subcontractors has been issued on a "claims made" basis, the Contractor must comply with the following additional conditions. The limits of liability and the extensions to be included remain the same. Contractor or its subcontractor must either:

a. Agree to provide certificates of insurance to the Village evidencing the above coverages for a period of two (2) years after termination. Such certificates shall evidence a retroactive date no later than the beginning of the Services under the Agreement, or;

b. Purchase an extended (minimum two (2) years) reporting period endorsement for each such "claims made" policy in force as of the date of termination and evidence the purchase of this extended reporting period endorsement by means of a certificate of insurance and a copy of the endorsement itself. Such certificates and copy of the endorsement shall evidence a retroactive date no later than the beginning of the Services under the Agreement.

10. Certificate **of Insurance** that states the Village of Glenview has been endorsed as an "additional insured" by the Contractor's **insurance carrier**. **Specifically, this Certificate must include the following language: "The Village of Glenview and their respective elected and appointed officials, employees, agents, consultants, attorneys and representatives, are, and have been endorsed, as an additional insured under the above referenced policy number(s)_____ on a primary and non-contributory basis for general liability and automobile liability coverage for the duration of the contract term."**

2. **WARRANTY**

A. Contractor warrants to the Village that all materials furnished under this Contract shall be new and of the most suitable grade for the purpose intended and that all Work shall be of good quality, free from faults and defects and in conformance with the Contract Documents. Prior to Final Completion, Contractor shall deliver to the Village all warranties required under the Contract Documents, or to which Contractor is entitled from manufacturers, suppliers, and Subcontractors. Unless otherwise provided, all warranties for products and materials incorporated into the Work shall begin on the date of Substantial Completion and remain in effect for a period of one (1) year.

B. Neither the final payment, any provision in the Contract Documents nor partial or entire use or occupancy of the premises by the Owner shall constitute an acceptance of Work not done in accordance with Contract Documents or relieve the Contractor or its sureties of liability with respect to any warranties or responsibilities for faulty or defective materials and workmanship. Contractor or its sureties shall remedy any defects in Work and any resulting damage to Work at its own expense. Contractor shall be liable for correction of all damage resulting from defective Work. If Contractor fails to remedy any defects or damage, the Village may correct the defective Work or repair damages and the cost and expense incurred shall be paid by or be recoverable from the Contractor or its surety.

C. Contractor warrants that the Work shall be done in a workmanlike manner in strict accordance with the Contract Documents and guarantees that the labor and material will be free of defects for the period stated in the Contract Documents, but in no event less than one (1) year from the date of Substantial Completion.

3. **EMPLOYMENT OF ILLINOIS WORKERS ON PUBLIC WORKS ACT (30 ILCS 570/)**

Pursuant to 30 ILCS 570/0.01 *et seq.*, any month immediately following 2 consecutive calendar months during which the level of unemployment in the State of Illinois has exceeded 5% as measured by the United States Department of Labor, the Contractor shall employ only Illinois laborers on this project unless Illinois laborers are not available, or are incapable of performing the particular type of work involved, which the contractor must certify with the Village's Purchasing Division.

4. **EQUAL EMPLOYMENT OPPORTUNITY**

The successful Proposer shall comply with the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., as amended, and any rules and regulations promulgated in accordance therewith, including, but not limited to the Equal Employment Opportunity Clause, Illinois Administrative Code, Title 44, Part 750 (Appendix A), which is incorporated herein by reference. Additionally, the consultant shall comply with any Fair Employment Ordinance that has been adopted by the Village.

5. **ILLINOIS HUMAN RIGHTS ACT (775 ILCS 5/)**

In the event the Contractor's non-compliance with the provision of the Equal Employment Opportunity Clause, the Illinois Human Rights Act or the Applicable Rules and Regulations of the Illinois Department of Human Rights ("Department"), the contractor may be declared ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be cancelled or voided in whole or part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation.

6. **SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS PROJECTS ACT (820 ILCS 265/1, *et seq.*)**

Contractor shall comply with all provisions of 820 ILCS 265/1, *et seq.* including having in place, and providing to the Village, a written substance abuse program for the prevention of substance abuse among employees PRIOR to commencement of work on a Village project. Contractor shall be responsible for ensuring its substance abuse program meets or exceeds the standards set forth in the Substance Abuse Prevention on Public Works Projects Act. If a collective bargaining agreement is in effect that fulfills the requirements, Contractor shall provide the Village with a copy of the relevant sections of said agreement in lieu of the written substance abuse program.

7. **WAIVER OF WORKERS COMPENSATION/OCCUPATIONAL DISEASE EXPENSE REIMBURSEMENT**
The Contractor agrees to waive any and all rights to reimbursement of workers' compensation expenses under Section 1(a)(4) of the Illinois Workers' Compensation Act (820 ILCS 305), and as amended; and the Contractor agrees to waive any and all rights to reimbursement of occupational disease expenses under Section 1(a)(3) of the Illinois Occupational Diseases Act (820 ILCS 310), and as amended.

8. **TOXIC SUBSTANCES DISCLOSURES**
All bidders must comply with the requirements of the Toxic Substance Disclosure to Employees Act, for any materials, supplies, and covered by said Act.

9. **ALTERNATE AND MULTIPLE BIDS**
Unless otherwise indicated in these documents, the bidder may not submit alternate or multiple bids as part of this package. The submission of more than one bid within a single package may be cause for rejection of any or all of the bids of that bidder.

10. **EQUALITY/BRAND NAME**
Whenever this RFB mentions an item by name and uses specific descriptions, it is intended to convey to the Contractor an understanding of the standard of excellence required by the village. Items of equal type, quality, and size, which will conform substantially to the standard of excellence established to provide equivalent merit, strength, durability, and to perform the required functions in accordance with this RFB may be offered. Manufacturer/model names provided in the bid specifications herein convey the standard and uniformity the Village demands.

It shall be understood that prior to bidding a substitute, the bidder must receive prior ***written*** approval. Therefore, it shall be understood that, by submitting a bid, the bidder is stating to the Village that no substitutions were made and that the bidder's pricing is based upon pre-approved brands.

The Village shall be the sole determiner about whether a substitute item is equal to the item specified.

11. **SUBSTITUTIONS**
No substitutions shall be allowed during the term of this agreement without written consent from the Village's Purchasing Division. The contractor shall request permission to substitute an item of equal or higher quality when an item ordered is unavailable for delivery within the time required by the Department of Facilities.

12. **AFFIDAVITS**
The following affidavits included in these contract documents must be executed and submitted with the bid:

a) References
b) Disqualification of Certain Bidders (affirmation by signing bid form)
c) Affidavit/Anti-collusion
d) Conflict of Interest Form
e) Tax Compliance
f) Identification of Subcontractors
g) Participation Affidavit

13. **COORDINATION**
The Contractor shall appoint a single point of contact for communications and coordination with the Public Works Director or his/her designee. This individual shall be responsible for arranging work assignments, follow-up monitoring and supervision of work.

14. **REPORTING**
A status report indicating the work completed the week prior and the work planned for the current week should be provided to the Director of Public Works or his/her designee weekly. The weekly report should also indicate

any issues that the Contractors staff have experienced during the week as well as any work planned that was not accomplished.

15. SUPERVISION

The Contractor is responsible for supervising all employees and their work. Any work which the Public Works Director or his/her designee determines not to be satisfactory must be performed again at the Contractor's own expense. The Contractors supervisor should conduct random or spot inspections of its employees work.

The Contractors supervisor is also responsible for training new personnel and any additional training of experienced personnel as requested by the Village at the Contractor's expense. Training includes, but shall not be limited to, geographic areas of the Village, field equipment, and safety. The Village reserves the right to require a replacement of the Supervisor if they do not meet Village standards.

16. DAMAGES

The Contractor is responsible for any damage to public or private property caused as a result of their work. The Contractor shall take all necessary steps to prevent damage to public right-of-ways, trees, businesses, houses, sidewalks, and other real or personal property. If any claims are filed by residents, the Contractor should resolve all claims and report the claim to the Public Works Director or his/her designee within 12 hours.

All Contractors shall familiarize themselves with all provisions of all Acts referred to herein and in addition shall make an investigation of labor conditions and all negotiated labor agreements which may exist or are contemplated at this time. Nothing in the Acts referred to herein shall be construed to prohibit the payment of more than the prevailing wage scale.

In the employment and use of labor, the Contractor and any subcontractor of the Contractor shall conform to all Illinois Constitutional and statutory requirements including, but not limited to, the following:

1.0 Equal Employment Opportunity:

1.1 Illinois Constitution, Article I, Section 17, which provides: "All persons shall have the right to be free from discrimination on the basis of race, color, creed, national ancestry and sex in the hiring and promotion practices of any employer or in the sale or rental of property."

1.2 Illinois Constitution, Article I, Section 18, which provides: "The equal protection of the laws shall not be denied or abridged on account of sex by the state of its units of local government and school districts."

1.3 The Public Works Employment Discrimination Act, 775 ILCS 10/1, provides in substance that no person may be refused or denied employment by reason of unlawful discrimination, nor may any person be subjected to unlawful discrimination in any manner in connection with contracting for or performance of any work or service of "any kind by, for, on behalf of, or for the benefit of the State, or of any department, bureau, commission, board or other political subdivision or agency thereof."

1.4 Contractor shall comply with the Illinois Human Rights Act, 775 ILCS 5/1-101 et seq., as amended and any rules and regulations promulgated in accordance therewith, including, but not limited to the Equal Employment Opportunity Clause, Illinois Administrative Code, Title 44, Part 750 (Appendix A), which is incorporated herein by reference. Furthermore, the Contractor shall comply with the Public Works Employment Discrimination Act, 775 ILCS 10/0.01 *et seq.*, as amended.

2.0 The Veterans Preference Act, 330 ILCS 55/1, provides: "In the employment and appointment to fill positions in the construction, addition to, or alteration of all public works undertaken or contracted for by the State, or any of its political subdivisions thereof, preference shall be given to persons who have been members of the Armed Forces of the United States...in times of hostilities with a foreign country..."

3.0 The Servicemen's Employment Tenure Act, as amended, 330 ILCS 60/2, "safeguarding the employment and the rights and privileges inhering in the employment contract, of servicemen."

4.0 The Prevailing Wage Act, 820 ILCS 130/0.01 *et seq.*, provides: "It is the policy of the State of Illinois that a wage of no less than the general prevailing hourly rate as paid for work of a similar character in the locality in which the work is performed, shall be paid to all laborers, workers and mechanics employed by or on behalf of any and all public bodies engaged in public works." The current Schedule of Prevailing Wages for Cook County and/or Lake County must be prominently posted at the project site by the Contractor.

4.1 The Prevailing Wage Act, 820 ILCS 130/4, provides: "All bid specifications shall list the specified rates to all laborers, workers and mechanics in the locality for each craft or type of worker or mechanic needed to execute the contract. If the Department of Labor revises the prevailing rate of hourly wages to be paid by the public body, the revised rate shall apply to such contract, and the public body shall be responsible to notify the Contractor and each subcontractor of the revised rate."

4.1.1 The Village shall notify the Contractor of any revised rates as determined by the Department of Labor and as received by the Village. It shall be the responsibility and liability of the Contractor to promptly notify each and every subcontractor of said revised rates.

4.1.2 Unless otherwise specified in the Contract Documents, the Contractor shall assume all risks and responsibility for any changes to the prevailing hourly wage which may occur during the Contract Time. A revision to the prevailing rate of hourly wages shall not be cause for any adjustment in the Contract Sum.

4.2 Pursuant to PA 100-1177 and in accordance with 820 ILCS 130/5.1, the Contractor shall submit to the Illinois Department of Labor all certified payroll records for prevailing wage work performed by Contractor employees or subcontractors.

5.0 The Child Labor Law, as amended, 820 ILCS 205/1, which provides: "No minor under 16 years of age...at any time shall be employed, permitted or suffered to work in any gainful occupation...in any type of construction work within this state."

The Contractor will include verbatim or by reference the provisions contained herein in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. The Contractor will be liable for compliance with these provisions by such subcontractors.

The Contractor and each subcontractor shall keep or cause to be kept an accurate record of names, occupations and actual wages paid to each laborer, workman and mechanic employed by him in connection with the contract. This record shall be open at all reasonable hours for inspection by any representative of the Village or the Illinois Department of Labor and must be preserved for four (4) years following completion of the contract.

The current Prevailing Wages Rates for Cook County can be found at:

https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx

REFERENCES

Please list below five (5) references for which your firm has performed similar work for municipalities as identified in Bidder Qualifications.

Municipality: Geneva School District 304
Address: 227 N Fourth St
City, State, Zip Code: Geneva, IL 60134
Contact Person/ Telephone Number: Brian Pederson 630-330-0591
Dates of Service/Award Amount: $13,703.50 We currently service these generators

Municipality: Mill Creek Water Reclamation District
Address: 39w899 Wellington W
City, State, Zip Code: Geneva, IL 60134
Contact Person/Telephone Number: Jason Fowler 630-208-9898
Dates of Service/Award Amount: 2023 - $281,000.00 Completed Generator project. We currently service these generators

Agency: Village of Wilmette
Address: 1200 Wilmette Ave
City, State, Zip Code: Wilmette, IL 60091
Contact Person/ Telephone Number: John Ramaker 847-853-7619
Dates of Service/Award Amount: 2021 - $14,665.00 We currently service these generators

Agency: SEECOM Crystal Lake
Address: 100 Woodstock St
City, State, Zip Code: Crystal Lake, IL 6001
Contact Person/ Telephone Number: Peter Sofie 815-322-3450
Dates of Service/Award Amount: 2025 - $4046.90 We currently service these generators

Agency: Valli Produce
Address: 6550 N Alpine Rd
City, State, Zip Code: Loves Park, IL 61111
Contact Person/ Telephone Number: Dominic Presta 847-875-6647
Dates of Service/Award Amount: 2021 - $4750.00 We currently service these generat

DISQUALIFICATION OF CERTAIN BIDDERS

PERSONS AND ENTITIES SUBJECT TO DISQUALIFICATION

No person or business entity shall be awarded a contract or subcontract, for a stated period of time, from the date of conviction or entry of a plea or admission of guilt, if the person or business entity,

(A) has been convicted of an act committed, within the State of Illinois or any state within the United States, of bribery or attempting to bribe an officer or employee in the State of Illinois, or any State in the United States in that officer's or employee's official capacity;

(B) has been convicted of an act committed, within the State of Illinois or any state within the United States, of bid rigging or attempting to rig bids as defined in the Sherman Anti-Trust Act and Clayton Act 15 U.S.C.;

(C) has been convicted of bid rigging or attempting to rotate bids under the laws of the State of Illinois, or any state in the United States;

(D) has been convicted of bid rotating or attempting to rotate bids under the laws of the State of Illinois, or any state in the United States;

(E) has been convicted of an act committed, within the State of Illinois or any state in the United States, of price-fixing or attempting to fix prices as defined by the Sherman Anti-Trust Act and Clayton Act 15 U.S.C. Sec. 1 et sig.;

(F) has been convicted of price-fixing or attempting to fix prices under the laws of the State of Illinois, or any state in the United States;

(G) has been convicted of defrauding or attempting to defraud any unit of state or local government or school district within the State of Illinois or in any state in the United States;

(H) has made an admission of guilt of such conduct as set forth in subsection (A) through (G) above which admission is a matter of record, whether or not such person or business entity was subject to prosecution for the offense or offenses admitted to;

(I) has entered a plea of nolo contendere to charges of bribery, price fixing, bid rigging, bid rotating, or fraud; as set forth in subparagraphs (A) through (G) above.

Business entity, as used herein, means a corporation, partnership, trust, association, unincorporated business or individually owned business.

(Please sign bid form indicating compliance)

ANTI-COLLUSION AFFIDAVIT AND CERTIFICATION

Geri L Henningfield, being first duly sworn,

deposes and says that he is President
(Partner, Officer, Owner, Etc.)

of Midwest Power Industry Inc
(Contractor)

The party making the foregoing bid or bid, that such bid is genuine and not collusive, or sham; that said bidder has not colluded, conspired, connived or agreed, directly or indirectly, with any bidder or person, to put in a sham bid or to refrain from bidding, and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference with any person; to fix the bid price element of said bid, or of that of any other bidder, or to secure any advantage against any other bidder or any person interested in the proposed contract. The undersigned certifies that he is not barred from bidding on this contract as a result of a conviction for the violation of State laws prohibiting bid-rigging or bid-rotating.

Geri L Henningfield
(Name of Bidder if the Bidder is an Individual)
(Name of Partner if the Bidder is a Partnership)
(Name of Officer if the Bidder is a Corporation)

The above statements must be subscribed a sworn to before a notary public.
Subscribed and Sworn to this 30 day of October, 2025

BARBARA L. YORK NOTARY PUBLIC STATE OF WISCONSIN

Barbara L. York
Notary Public

Failure to complete and return this form may be considered sufficient reason for rejection of the bid.

CONFLICT OF INTEREST

Midwest Power Industry Inc, hereby certifies that

it has conducted an investigation into whether an actual or potential conflict of interest exists between the bidder, its owners and employees and any official or employee of the Village of Glenview.

Bidder further certifies that it has disclosed any such actual or potential conflict of interest and acknowledges if bidder has not disclosed any actual or potential conflict of interest, the Village may disqualify the bid.

Glen R Brumfield

(Name of Bidder if the Bidder is an Individual)
(Name of Partner if the Bidder is a Partnership)
(Name of Officer if the Bidder is a Corporation)

The above statements must be subscribed a sworn to before a notary public.

Subscribed and Sworn to this 30 day of October, 2025

BARBARA L. YORK NOTARY PUBLIC STATE OF WISCONSIN

Barbara L York

Notary Public

Failure to complete and return this form may be considered sufficient reason for rejection of the bid.

TAX COMPLIANCE AFFIDAVIT

Geri Henningfield, being first duly sworn,

deposes and says that he is President
(Partner, Officer, Owner, Etc.)

of Midwest Power Industry Inc
(Contractor)

The individual or entity making the foregoing bid or bid certifies that he is not barred from contracting with the Village of Glenview because of any delinquency in the payment of any tax administered by the Department of Revenue unless the individual or entity is contesting, in accordance with the procedures established by the appropriate revenue act, or entity making the bid or bid understands that making a false statement regarding delinquency in taxes is a Class A Misdemeanor and, in addition, voids the contract and allows the municipality to recover all amounts paid to the individual or entity under the contract in civil action

Geri Henningfield
(Name of Bidder if the Bidder is an Individual)
(Name of Partner if the Bidder is a Partnership)
(Name of Officer if the Bidder is a Corporation)

The above statements must be subscribed and sworn to before a notary public.

Subscribed and Sworn to this 30 day of October, 2025

BARBARA L. YORK NOTARY PUBLIC STATE OF WISCONSIN

Barbara L. York
Notary Public

Failure to complete and return this form may be considered sufficient reason for rejection of the bid.

PARTICIPATION AFFIDAVIT

Geri Henningfield, being first duly sworn,

deposes and says, under penalties as provided in Section -109 of the Illinois Code of Civil Procedures, 735 ILCS 5/1-

109, that he is President
(Partner, Officer, Owner, Etc.)

of Midwest Power Industry Inc
(Contractor)

The individual or entity making the foregoing Bid or quotation certifies that the Contractor or SubContractor, respectively, is not barred from being awarded a contract or subcontract pursuant to 30 ILCS 500/50-10. Additionally, the Contractor or SubContractor, respectively, certifies he/she is not suspended from doing business with any State, Federal or Local Agency.

Geri L Henningfield
(Name of Quoter if the Quoter is an Individual)
(Name of Partner if the Quoter is a Partnership)
(Name of Officer if the Quoter is a Corporation)

The above statements must be subscribed and sworn to before a notary public.

Subscribed and Sworn to this 30 day of October, 2025

BARBARA L. YORK NOTARY PUBLIC STATE OF WISCONSIN

Barbara L. York
Notary Public

Failure to complete and return this form may be considered sufficient reason for rejection of the bid.

ATTACHMENT A

MUNICIPALITY SCOPE OF WORK SPECIFICATIONS

RFB NO. 250037

SPECIFICATIONS – BUFFALO GROVE

The Village of Buffalo Grove desires to obtain the services of a qualified and capable firm to provide the following service to Generators/transfer switches:

1. Assist the Village in compliance with all applicable RICE rules, including the proper creation and maintenance of all logs for each generator.

2. Propose vent stack emissions testing for CO, if applicable to comply with RICE rules.

3. The contractor shall provide both the six-month (section 2) and the annual service (section 3) as listed in the specifications.

4. Testing/Inspect generators in accordance with the frequencies listed in section #2 and specifications of section #3.

5. The contractor shall use only **OEM parts** and recommended oils, coolants, greases or other lubricants.

   Exceptions must be noted and approved by the Village of Mount Prospect, at its sole discretion.

   Any additional parts, repairs or services that are required, but not included under this agreement, will be brought to the attention of the customer in written form. Repairs will be made only after authorization by the Village, at its sole discretion. Any additional repairs, maintenance, parts or services will be performed at current rates for labor, parts and mileage.

   Penalty for Non-OEM Parts
   The Contractor shall provide OEM parts for the CATERPILLAR, CUMMINS and MQ generators. A penalty of $100 per occurrence (one generator) shall be forfeited for the use on non-OEM parts plus the Contractor shall replace any non-OEM with the proper OEM part within ten days of notice. The penalty shall be deducted from any amounts due.

   Any exceptions to the Contractor using non-OEM shall be clearly identified in the bid proposal using a separate sheet or sheets, clearly marked as OEM parts Exception(s). The Village, at its sole discretion, shall determine whether to accept or reject the bid proposal based on the number and type of OEM exceptions noted, if any.

6. Complete the Generator Inspection Form or alternate form approved by Village. Create/Update/keep log at generator of all inspections/tests.

7. Turn Generator Inspection Form to Mount Prospect Public Works. Any additional parts, repairs or services that are required, but not included under this agreement, will be brought to the attention of the customer in written form. Repairs will be made only after authorization by the Village, at its sole discretion. Any additional repairs, maintenance, parts or services will be performed at current rates for labor, parts and mileage.

8. In accordance with the frequencies listed in section #2 and #3, a properly qualified and experienced mechanic who will provide annual preventive maintenance (see section #3) to generators/transfer switches per industry standards.

9. In accordance with the frequencies listed in section #1 provide properly qualified and experienced staff to perform a complete actual transfer of power from normal power to emergency power and back to normal power or perform a load bank test of the appropriate size.

10. At each inspection, provide properly qualified and experienced staff to complete a full load test or load bank test where full load test is not practical or available. If a full load is not available, the Bid Proposal shall accommodate for a temporary load bank of sufficient size.

11. Must be able to provide 24-hour service to generators/transfer switch. Any exception(s) must be clearly noted and explained in Bid Proposal.

12. Contractor should be on-site within 4 hours in emergency situations, including after hour, weekend and holidays. Any exception(s) must be clearly noted and explained in Bid Proposal.

13. All preventative maintenance and testing shall be performed between the hours of 7:00 a.m. and 3:00 p.m., Monday through Friday.

SECTION 1:

To access sites, please contact Bryan Beitzel Maintenance Superintendent at (847) 459-2545.

Location and Listing of Generators to be covered by this Maintenance Agreement:

ID	Location	Make	Model	Ser #	Year	Hours
G02	Village Hall	Onan Cummins	125KW	F900328846	1991	**1006**
G04	Public Works	Onan Chalmer	MK 11	11-28302	1978	**1949**
G15	Police Department	Kohler Cummins	100ROZJ71	379211	1996	**391**
G20	Well # 1	Caterpillar	3412	6 FA08645	1994	**471**
G19	Well # 2	Caterpillar	3208	5YF01614	1993	**508**
G21	Well # 6	Caterpillar	SR-4	23Z05219	1994	**524**
G03	Well # 7	Caterpillar	SR-4	5TD01080	1992	**458**
G05	Raupp Lift Station	Kohler	125REOZJG	SGM32CWTN	2015	**179**
G06	Golfview Lift Station	Kohler	135R0ZJ	0690452	2001	**1209**
G09	Cambridge on the Lake	Kohler	80REOZJF	PE4045N042017	2023	**150**
G07	Chatham Lift Station	Onan Chalmer	MK 11	20-118279	1982	**462**
G18	Camelot Lift Station	Kohler	100REOZJF	SGM32F62M	2015	**111**
G10	Port Clinton Lift Station	Detroit PS	75JJC6DT3	156069-1-0108	2008	**772**
G23	River Oaks Lift Station	Onan	3412	81Z14202	2001	**1148**
G22	Rt. 22 Lift Station	Onan Cummins	60DGCB	B950568923	1995	**2084**

G14	Johnson Dr. Lift Station	Detroit PS	75JJC6DT3	156069-2-0108	2008	**877**
G16	Linden Lift Station	Onan Cummins	L423D-I	I843830809	2008	**856**
G12	Fire Station # 25 – *Under Construction*	Kohler	4045TF150	TO4045T831929	2000	**542**
G13	Fire Station # 26	Kohler		95448	1980	**584**
G24	Arboretum Golf	Onan Cummins	DGK-5571304	10 20428174	2003	**489**
G25	Old Treatment Plant L.S.	Kohler	80REOZJF	SGM325WCD-GM81567-GA3	2014	**296**
G26	Fire Station #27	Kohler	80REOZJF	SGM325WBR-FM81567-GA3	2014	**414**

SECTION 2: REGULAR PREVENTIVE MAINTENANCE (SIX MONTH INTERVALS: OCCURS ANNUALLY IN APRIL/MAY AND SEPTEMBER/OCTOBER)

Regular Preventive Maintenance shall include as required, needed or applicable:

a) Replacement of Worn and Deteriorated Parts

If any parts are found to be worn or defective, the Contractor shall provide a written replacement/repair quote, subject to Village acceptance.

b) Take oil sample, provide written test results from an authorized testing lab for all generators greater than 400 kW. For all generators smaller than 400 kW; the Contractor shall change engine oil and filter (OEM filter(s) only) in lieu of the oil sampling during this PM. Written results must be returned to Village of Mount Prospect within 60 days of sample date

c) Take coolant samples, provide written test results from an authorized testing lab for all generators. Written results must be returned to Village of Buffalo Grove within 60 days of sample date

d) Take fuel sample from both day and storage tanks and provide written test results from an authorized testing lab for all generators. Written results must be returned to Village of Buffalo Grove within 60 days of sample date

e) Visual Inspection Checks or Tests, with maintenance or adjustment as needed

- Batteries
- Check Battery Electrolyte Level (If applicable)
    - Check Battery Voltages
    - Load test battery(ies) separately (isolate) with proper Battery Load test Tool
    - Clean & Tighten Battery Terminals
- Cranking Voltage
- Running Voltage
- Battery Charger Operation
- Starting motor
- Starting system
- Alternator-test for proper output
- Crankcase Oil Level
- Crankcase Breather, Check and Clean
- Fan drive pulley and fan
- Radiator / Heat exchanger

- Coolant Level
- Coolant Condition levels-Strip test for proper SCA levels
- Water heater, Water pump
- Fuel tank, Fuel lines and connections
- Fuel filters – primary and secondary. Check, drain and clean water separator and sediment trap, as needed
- Leaks – oil, water, fuel, coolant
- Belts, Check Condition and Tension
- All Hoses, Check Condition and Tighten Clamps
- Air Filter Condition and Duct Connections
- Air inlet system
- Turbocharger
- Exhaust manifold and exhaust system, including silencer, rain cap, and supports
- Vibration isolator
- Check Drip Drain on Exhaust
- Inspect Exhaust Flex Connectors, Muffler, Hangers & Supports
- Check Engine Electrical Connections
- Engine Monitors and Safety Controls
- Safety controls – check for proper operation
- Remote annunciators and alarms – inspect and test all panels and alarms for proper operation
- Ignition Wiring, General Wiring and Connections
- Inspect generator for foreign materials, loose or broken fittings, guards, and components.

Automatic Transfer Switch Service

Preventive Maintenance of Automatic Transfer Switch shall include (and includes all items in section 1), and meets NFPA 110 Section 8.3.5, latest edition:

a) Transfer Switch

1) Inspect contacts and insulting materials; lubricate as needed
2) Check time delays, exercise cycles and switching of power source
3) Check operating current level versus rating
4) Record all settings.
5) Record and compare voltage drop across main contacts
6) Check and record cable connections and contacts with infrared thermometer.
7) Check and tighten all cables and control wire connections.
8) Inspect battery in controller.

b) General

1) Check system, lamps and alarms
2) General inspection of emergency Stand-by system
3) Note operating condition
4) Run each generator for a minimum of ½ hour per site under load, as applicable.
5) Inspect and maintain the seasonal block heater, battery warmer and oil pan heaters, if applicable on each generator.

Note: This work in Section 2 shall be performed in accordance with the Pay Item for SEMI ANNUAL GENERATOR PREVENTATIVE MAINTENANCE.

SECTION 3: ANNUAL PREVENTIVE MAINTENANCE (OCCURS ANNUALLY IN SEPTEMBER/OCTOBER)

Annual Preventive Maintenance shall include **all six (6) month inspections and maintenance listed in Section 2, plus the tasks listed below EXCEPT Fluid Sampling and Oil Changes.**

a) Cooling System

1) Change coolant treatment/anti-freeze if run time has exceeded 1000 hours unless sampling indicates otherwise.
2) Change filters with **OEM only.**
3) Clean exterior of radiators/ heat exchanger
4) Check coolant treatment (SCA) and levels, add OEM coolants/SCA additives as needed
5) Check water pumps, fan drive pulley, fan, fan belt, jacket water heater, thermostat & circulating pumps
6) Lubricate fan pulley
7) Check tension of all belts, clamps
8) Examine all hoses, piping, fittings and tighten as needed
9) Dispose of waste per IEPA and EPA regulations
10) No tap water shall be used. Use only **distilled** water.

b) Fuel System

1) Maintain water separator, sediment trap
2) Change all filters with OEM only
3) Inspect all components, including fuel tank level, gauge, fuel line and connections, governor and controls
4) Check fuel pressure
5) Check priming pump

c) Lubricating System

1) Check Oil Levels and add oil as needed.
2) Inspect gaskets and seals
3) Clean crankcase, crankcase breather
4) Check Magneto / Distributor
5) Dispose of waste per IEPA and EPA regulations
6) Grease generator bearings, if applicable

d) General

1) Clean generator/engine/radiator with compressed air/degreaser
2) Perform test under full load
3) Check spark plugs and replace, as applicable and needed
4) Check operating alarms
5) Check block heater, battery warmer and oil pan heater, as applicable.
6) Clean air filter(s)
7) Check air filter service indicators, air inlet system, turbocharger, exhaust manifolds, exhaust system, valves and rotators (at valve adjustment only)
8) Clean/check motor operated louvers
9) Inspect generator for foreign materials, loose or broken fittings, guards, and components. Correct or adjust as necessary.

e) Electrical System

1) Check battery, add **distilled** water as needed
2) Test each battery(ies) separately (isolate) using proper Battery Load Test tool.
3) Check specific gravity
4) Battery charger – check and adjust charging rate

5) Battery warmer – maintain as needed
6) Starting motor
7) Alternator
8) Check battery cap vents

f) Switchgear

1) Operate circuit breaker manually
2) Bus bars, bracing and feeder connections

h) Generator

1) Measure/record generator winding resistance
2) Check bearings and grease as needed
3) Check slip rings, brushes, vibration isolators, wiring connections, and cable connections
4) Check and record amps, volts, oil pressure, water temperature, overspeed, over crank, etc. after 15 minutes of running time.
5) Check and record time for startup for signal delay, engine start, load pick up, automatic load transfer, load re-transfer
6) Check vibration and vibration isolators

i) Control System

1) General inspection of all engine monitor, safety controls and control panels
2) Check all gauges for proper operation and accuracy, safety controls
3) Check remote annunciator and alarms
4) Voltmeter
5) Ammeter
6) Frequency Meter
7) Circuit Breaker

j) Automatic Transfer Switch Service (Annual)

Annual/Initial Preventive Maintenance of Automatic Transfer Switch shall include (and includes all items in section 1), and meets NFPA 110 Section 8.3.5, latest edition:

a) Transfer Switch

1) Inspect contacts and insulting materials; lubricate as needed
2) Check time delays, exercise cycles and switching of power source. Set up exerciser on ATS.
3) Check operating current level versus rating
4) Record all settings.
5) Record and compare voltage drop across main contacts
6) Check and record cable connections and contacts with infrared thermometer.
7) Check and tighten all cables and control wire connections.
8) Replace battery in controller.

b) General

1) Check system, lamps and alarms
2) General inspection of emergency Stand-by system
3) Install strip heater in ATS as needed. Maintain as needed for winter operations.

k) Load Bank Test (Annual Test Only)

1. Any coolant or oil change shall be performed prior to load bank testing.
2. Run each generator for a minimum of 2 hours per site under 90% of Full Load, as applicable

3. Thermo-scan generator (both load and line sides), ATS (both line and load sides), all electrical terminations and associated equipment during load test and provide detailed report. Minimum of 4 scan must be recorded during 2-hour test. Scan equipment at 15 minutes, 45 minutes

and 1 hour and 15 minutes and finial one at 1hour and 45 minutes.

4. Complete a transient load test – go from 0% to 50%, 50% to 100%, 100% to 0% and 0% to 100%. Provide detailed report.

Any additional parts, repairs or services that are required, but not included under this agreement, will be brought to the attention of the customer in written form. Repairs will be made only after authorization by the Village, at its sole discretion. Any additional repairs, maintenance, parts or services will be performed at current rates for labor, parts and mileage.

REPORTS AND DOCUMENTATION/DELIVERABLES

The Contractor shall complete and furnish reports for each maintenance or service call with the invoice. A copy of each report shall be presented with time and materials maintained (if used outside the parameters of the monthly/annual charge). Reports shall include, but are not limited to:

- Date and time notification were received from the Village
- Date and time of arrival at location
- Type and model of equipment with current hours on unit
- Repair time
- Description of the repair/maintenance
- Date and time equipment become operational
- Part (s) order (if applicable)

Each report must be signed by the designated Village Representative for each generator in each building which certified the generator (s) is functional.

Additionally, the Contractor shall provide the Village with copies of Load Bank Test Results and Fluid Analyses.

Failure to provide reports and documentation identified could result in termination of the Agreement.

Note: The work in Section 3 shall be performed in accordance with the Pay Item for ANNUAL GENERATOR PREVENTATIVE MAINTENANCE WITH 2 HR LOAD BANK.

Purchasing Division

Village of Glenview
2500 East Lake Ave
Glenview, IL 60026

October 29, 2025

ADDENDUM #1 (1 of 5 Pages)
RFB #250037
RFB ON: GENERATOR MAINTENANCE AND AS-NEEDED REPAIRS

RFB Due Date: NOVEMBER 3, 2025, 2:00 p.m. CST
Please note the following clarifications, revisions, and additions to the bid documents.

1. Q: *Glenview Sites: I did not see any generator units listed for the Glenview locations. Could you please provide a list of units and any relevant details for those sites? Additionally, can you confirm if the scope for Glenview includes only an inspection with a 2-hour load bank test and ATS inspection?*

   A: Glenview - **See attached Exhibit for unit list.**
   For load bank testing, it is the intention of the Village of Glenview that the annual load bank test shall include at minimum: Load bank testing on each generator for its rated KW & voltage capacity; Perform load test at 25% load for 30 minutes, 50% load for 30 minutes, and 100% load for one hour; monitor the operation and verify the proper operation and conditions and report any problems; comprehensive testing report containing information and results from load bank tests (at all Village facilities, especially public safety and utility facilities).

2. *Q: Kenilworth Scope Clarification*
   The unit information indicates a need for a Yearly PM and Load Bank, but the scope also mentions Semi-Annual inspections with Load Bank and ATS.
   - *Can you clarify if the expectation is for two visits per year that include inspection, load bank test, and ATS inspection?*
   - *Or is one visit intended to be a full PM service (including oil change, etc.)?*

   A: Kenilworth – Kenilworth is expecting one visit per year with a full PM service to include load bank testing.

3. *Q: Mount Prospect, Buffalo Grove, Palatine – April Service Details*
   The scope mentions inspection with samples (oil, coolant, and fuel).
   - *For fuel sampling, the document states to sample both Day and Storage Tanks. Should we assume two fuel samples per unit?*
   - *For units 400KW and lower, the April service includes oil and filter change instead of oil sampling—please confirm this is correct.*

A: Mount Prospect – Only one fuel sample per unit. Confirmed for second part.
Buffalo Grove – This should just be 1 fuel sample per generator, as we don't have day/storage tanks. Confirmed for second part.
Palatine – Not every unit has two tanks and one tank fills the other, so they have the same product. Assume one sample of the main tank for each unit. Confirmed for second part.

4. *Q: ATS Inspections and Units 400KW+*
   - *Should ATS inspections be included in pricing for both Annual and Semi-Annual services?*
   - *For units 400KW and above, it appears oil change pricing is not included. Can you confirm whether oil changes are excluded for these units?*

A: Glenview – ATS Inspections should be performed only once annually. Oil changes are not excluded and pricing should be included to be performed at the same time as annual inspections.
Buffalo Grove – Assuming ATS = Automatic Transfer Switch, this should be inspected during annual load bank testing; and following a major repair. It does NOT need to be scheduled more than once per year. Oil change pricing is NOT included. Sampling should be completed with oil add as needed. Necessary oil changes need to be quoted and approved prior to completion.
Palatine – No, they should be done once a year. Oil changes are not excluded, but these units should only have their oil changed if deemed necessary by the lab results of the sample.

5. *Q: Are there any generators that are not readily accessible? More than 50 feet from designated parking, or in basements or on rooftops?*

A: Glenview – No.
Kenilworth – No.
Mount Prospect – All of Mount Prospects generators are accessible and located on ground level.
Highland Park – The Police Station generator is located on the lower level. Load testing requires a ladder (which the City will provide) as well as longer cables to run through the exhaust well and louvers down to the generator room.
Palatine – No generators are more than 50 feet away. The generators at the Fire Stations and Shires lift station are inside the buildings, which can be parked next to.
Northbrook - Most generators are withing 50ft and/or accessible by stairway to the basement (e.g., Village Hall and Police Station, but vehicles can be parked close to the facility entrances for service. The only generator that will be more than 50ft from a parking spot will be 1000 Waukegan Road which is the Crestwood Senior Housing. The Lake Front Generator is on the roof, but vehicles can be parked parallel to the building that has ladder access. The generator for Station 11 is on the east side of the fire station and is near a parking spot.
Buffalo Grove – No.

6. *Q: Are there any generators that have multiple transfer switches? The only specifications list that indicates the number of Transfer switches is Mount Prospect.*

A: Glenview – West Lake has three, Laramie has three, Rugen Senior and Junior both have three, and Citizen's Booster has three.
Kenilworth – No.
Highland Park – Each City of Highland Park generator is equipped with only a single transfer switch.
Palatine – All generators have one switch. Village Hall has a backup switch, which is only utilized for catastrophic failures.
Northbrook – No.
Buffalo Grove – No.

7. *Q: 3. Just to clarify, for Buffalo Grove, if the generator is over 400kw, they would first like an oil sample to be taken? If the oil is determined to be unsatisfactory, then an oil change will be conducted? If the oil change is conducted it will be quoted out on a time and material basis?*

   A: Buffalo Grove – Confirmed the answer is "Yes" to all questions asked.
   Palatine – Palatine has the same procedure. Confirmed.

8. *The Village of Northbrook has requested an addition to Section 5.2. of their "ANNUAL GENERATOR PREVENTATIVE MAINTENANCE" included in red below.*

   5.2.1. Lubrication
   - Oil quantity and condition
   - Change oil
   - Oil filter (s)
   - Oil pressure
   - Crankcase breather
   - System leaks
   - Fluid levels

Please include a copy of this document in your bid submittal.

Sincerely,

Zhanna Kolokolov
Village of Glenview
Purchasing Manager

Acknowledged and Accepted 250037-1:

Signature: Pamela Yi
Company: Midwest Power Industry Inc

ORDINANCE 2026-xxx

AN ORDINANCE AUTHORIZING EXECUTION OF A CONTRACT WITH MIDWEST POWER INDUSTRY INC., FOR GENERATOR MAINTENANCE AND AS NEEDED REPAIRS

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

WHEREAS the Village is a participant in the Municipal Partnering Initiative (MPI); and

WHEREAS the Village of Glenview led a competitive procurement process to obtain the best value for money; and

WHEREAS, the terms of the bid allowed for joint purchase as authorized by the Government Joint Purchasing Act.

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 Midwest Power Industry Inc., pending review and approval by the Village Attorney at a price not to exceed $51,725.00 per year in accordance with the Illinois Governmental Joint Purchasing Act (30 ILCS 525/0.01 et seq.).

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: _____, 2026
APPROVED: _____, 2026
PUBLISHED: _____, 2026

ATTEST: APPROVED:

_____ _____
Janet M. Sirabian, Village Clerk Eric N. Smith, Village President

DRAFT

AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 8.c. O-2026-2
Ordinance Amending Parking Restrictions To Bernard Drive

Contacts

Liaison: Trustee Weidenfeld
Staff: Briget Schwab

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve the ordinance amending parking restrictions on Bernard Drive.

Summary

Background

With the recent completion of construction on Bernard Drive, portions of the roadway geometry have changed necessitating a revision to parking restrictions.

Analysis

Parking restrictions are codified under Chapter BG-11 which includes two separate parking restrictions on Bernard Drive along the south curbline and four different restrictions along the north curbline. These Code and parking restriction updates seek to consolidate the restrictions for simplicity and clarity while maintaining necessary requirements given the roadway geometry. The area will be signed appropriately to match the restrictions.

Strategic Alignment

Guiding Principle

Principle 6: Engages Our Residents
Principle 7: Builds Our Community

Goal

Goal 1: Maintained effective village government: fiscally responsible and providing outstanding, responsive services
Goal 2: Enhanced, beautiful, safe and sustainable neighborhoods

File Attachments

1. DRAFT Ordinance - Parking Restrictions on Bernard Drive
2. EXHIBIT Map - Bernard Drive Parking Restrictions

ORDINANCE 2026-xxx

AN ORDINANCE AMENDING PARKING RESTRICTION CHANGES ON BERNARD DRIVE

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

WHEREAS the Village seeks to amend the Village of Buffalo Grove Municipal Code to provide for safe and efficient traffic flow along Bernard Drive; and

WHEREAS the recommendations have been developed by the Village's engineering consultants and reviewed and approved by Village Engineering staff; and

WHEREAS the recommendations of the Village Engineer have been presented to the Corporate Authorities.

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. Lines 8, 9, 29, 96, 110, and 121 of Section 1308 of Article XIII of Chapter BG-11 of Title 10 of the Village of Buffalo Grove Municipal Code is hereby amended by adding thereto the following portions as shown by the underlined and highlighted text and removing the following portions as shown by the ~~struck through~~ text below as follows:

8. On ~~Westbound~~ Bernard Drive, along the north curbline from Arlington Heights Road to ~~219 feet from the west curbline of~~ Lincoln Terrace ~~to Alcott School~~ and along the south curbline from a point 140 feet west of the centerline of Greenwood Court South to Elmwood Drive.

9. ~~On Eastbound Bernard Drive (south curb) beginning 141 feet west of the west curbline on Lincoln Terrace and extending to 306 feet west of the west curbline of Lincoln Terrace.~~ RESERVED

29. ~~On the south curbline of Bernard Drive from Elmwood Drive to a point ninety feet west of the centerline of Cherrywood Road~~. RESERVED

96. ~~On the north curbline of Bernard Drive between the east and west property line of the Alcott Community Center~~. RESERVED

110. ~~On the north curbline of Bernard Drive from Indian Hill Drive to a point 50 feet to the east along Bernard Drive, from 2:45 p.m. to 3:30 p.m. on school days.~~ RESERVED

121. ~~On the north curbline of Bernard Drive between the east property line of 604 Bernard Drive and the west property line of the public crosswalk~~. RESERVED

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 be codified.

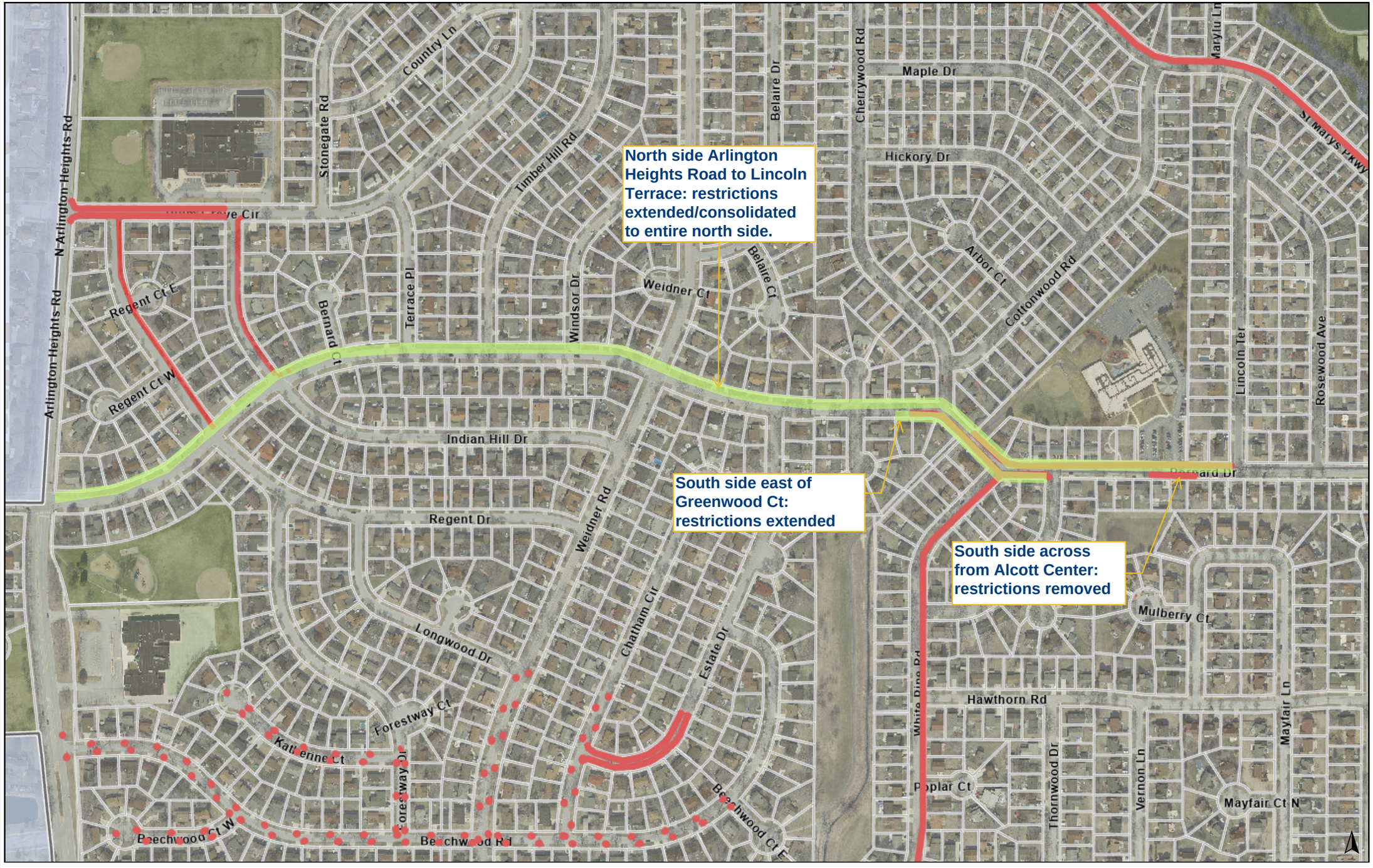
AYES: _____
NAYES: _____
ABSENT: _____
PASSED: _____, 2026
APPROVED: _____, 2026
PUBLISHED: _____, 2026

ATTEST: APPROVED:

_____ _____
Janet M. Sirabian, Village Clerk Eric N. Smith, Village President

DRAFT

GISConsortium | Parking Restrictions



Legend

0 1000 2000 ft

Print Date: 12/18/2025

Notes

Disclaimer: The GIS Consortium and MGP Inc. are not liable for any use, misuse, modification or disclosure of any map provided under applicable law. This map is for general information purposes only. Although the information is believed to be generally accurate, errors may exist and the user should independently confirm for accuracy. The map does not constitute a regulatory determination and is not a base for engineering design. A Registered Land Surveyor should be consulted to determine precise location boundaries on the ground.

AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 8.d. O-2026-3
Ordinance Approving Amendment 1 of the Intergovernmental Agreement with the Lake County Stormwater Management Commission to Receive Funding for Bordeaux Natural Area

Contacts

Liaison: Trustee Weidenfeld
Staff: Briget Schwab

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve the ordinance approving Amendment 1 to the agreement with the Lake County Stormwater Management Commission for funding improvements to the Bordeaux Natural Area.

Summary

Background

The Bordeaux natural areas encompass roughly 11 acres of lowland south of Aptakisic Road generally surrounding Bordeaux Courts East and West. The area is difficult to maintain due to the invasive plants proliferating in the area. These invasives block drainageways and culverts, act as a fire hazard, and offer few benefits to the local ecology and water quality. The bikepath through the area has become consistently unusable as a result.

Public Works received a grant from the Illinois Department of Commerce and Economic Development (DCEO) in the amount of $550,000.00 to address the closed bikepath. Initial plans for a boardwalk proved far too costly and only addressed issues associated with multi-use path access. Through working with the State and our consultant Hey and Associates, Inc., we developed a more comprehensive project to mitigate the multi-use path closures while improving the ecology of the area and ensuring a more maintainable, sustainable improvement consistent with organizational goals.

The expanded project enables the Village to have a regional impact on the watershed and broadens funding opportunities.

Analysis

In addition to the State DCEO grant, the Village was able to secure additional funds from the Lake County Stormwater Management Commission (SMC) through their Watershed Management Board up to $64,910.00. With the expanded, more comprehensive project scope, staff is reviewing options to phase the project including bidding out certain portions in 2026 and 2027. Phasing the project eases impacts on residents and enables staff to seek additional exterior funding for the project. This Amendment 1 extends the time to complete the work into 2027 without losing the awarded WMB funding. DCEO funding is already approved through 2027.

Financial Impact

The grant reimburses capital expenditures up to $64,910.00 for work associated with drainage and path improvements in the Bordeaux natural areas. This amendment extends that funding to 2027.

Strategic Alignment

Guiding Principle

Principle 1: Financially Responsible and Sound
Principle 5: Partnership with Local Districts

Goal

Goal 1: Maintained effective village government: fiscally responsible and providing outstanding, responsive services
Goal 2: Enhanced, beautiful, safe and sustainable neighborhoods
Goal 5: More livable Buffalo Grove community with leisure experiences for all

File Attachments

1. DRAFT Ordinance - WMB Funding for Bordeaux AMEND 1
2. DRAFT - Bordeaux Wetland Agreement (Amendment 1)

ORDINANCE 2026-xxx

AN ORDINANCE APPROVING AMENDMENT 1 TO AN AGREEMENT WITH LAKE COUNTY STORMWATER MANAGEMENT COMMISSION TO RECEIVE GRANT FUNDING FOR BORDEAUX WETLAND RESTORATION

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

WHEREAS the Village seeks to amend an existing Intergovernmental Agreement with the Lake County Stormwater Management Commission relating to capital improvements to the Bordeaux Natural Area for the Village of Buffalo Grove; and

WHEREAS The Village of Buffalo Grove has determined that this Amendment is consistent with strategic priorities and in the best interests 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, 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. That the Village President is authorized to execute Amendment 1 to the Intergovernmental Agreement with the Lake County Stormwater Management Commission in substantially the same form as is attached hereto as Exhibit A, subject to final 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: _____, 2026
APPROVED: _____, 2026
PUBLISHED: _____, 2026

ATTEST: APPROVED:

Janet M. Sirabian, Village Clerk

Eric N. Smith, Village President

DRAFT

Amendment #1

INTERGROVERNMENTAL AGREEMENT
between the
LAKE COUNTY
STORMWATER MANAGEMENT COMMISSION
and the
VILLAGE OF BUFFALO GROVE
for the
BORDEAUX WETLAND RESTORATION AND DRAINAGE IMPROVEMENTS PROJECT

THIS IS AN AGREEMENT by and between the LAKE COUNTY STORMWATER MANAGEMENT COMMISSION, 500 W. Winchester Rd., Libertyville, Illinois 60048 (hereinafter called SMC) and the Village of Buffalo Grove c/o ~~Kyle Johnson~~ Andrea Larson, 50 Raupp Boulevard, Village of Buffalo Grove, Illinois 60089 (hereinafter called VILLAGE).

PROJECT DESCRIPTION

The Bordeaux Native Areas are an eleven (11) acre wetland complex located in the Village of Buffalo Grove roughly south of Aptakisic Road and west of North Buffalo Grove Road hereinafter called the PROJECT AREA. This work is hereinafter called the PROJECT. The PROJECT consists of ~~eleven (11)~~ approximately 3.5 acres of wetland restoration in the PROJECT AREA, including ~~2,100~~ approximately 900 linear feet of streambank stabilization, invasive vegetation management, native prairie plantings, and rain garden upgrades. ~~wetland plantings, and multiuse trail improvements~~. The project will improve drainage in Aptakisic Creek, reduce flooding of a multiuse trail, and reduce damage to the Prairie Elementary School parking lot.

SCOPE OF WORK

1. The VILLAGE will complete the PROJECT as described above.

2. The VILLAGE will hire all consultants and/or contractors and procure all materials and/or equipment necessary to complete the PROJECT.

3. Upon request, the SMC will provide limited technical assistance to the VILLAGE during the PROJECT. This may include review of design documents, permit applications, and/or the methods and materials that will be used during implementation of the PROJECT.

4. For work performed within a public road right-of-way (ROW), easement documentation is not required. However, except when the jurisdictional road authority is performing the work, no work shall occur without appropriate permits or authorization from the jurisdictional road authority.

5. Where in-the-ground construction will or may occur outside the road ROW, the VILLAGE shall provide SMC with evidence of all land rights necessary to complete and maintain the PROJECT. SMC staff may provide limited assistance. The required documents obtained from the record Owner(s) on each parcel shall include:

    a) A recordable permanent easement for the PROJECT land area where the stormwater infrastructure (e.g., drainageway, storage area, etc.) is located;

    b) If necessary, a temporary construction easement (or other right of access) to access the construction site (permanent easement premises).

    c) If necessary, a recordable permanent ingress and egress (easement) access path or access point for the purpose of accessing the permanent easement premises to maintain the area associated with the PROJECT.

    Instruments for documentation or authorization may include recorded permanent easements; land covenants, deed-restricted areas, or prescriptive easement (with the Owner's authorization or evidence of possessory interest); or other Owner-approved and SMC-accepted legal instruments (e.g., Owner-executed license agreement).

6. The VILLAGE will obtain all permits and written authorizations and will conduct all consultations necessary to complete the PROJECT, including, but not limited to, if necessary, a wetland permit from the US Army Corps of Engineers (USACE), a Watershed Development Permit from SMC or the appropriate certified community (as applicable), a construction stormwater permit from the Illinois Environmental Protection Agency (IEPA), a consultation with the Illinois Department of Natural Resources (IDNR) regarding state listed threatened and endangered species, and authorization from the road authority. Please note that all permit and consultation fees are the responsibility of the VILLAGE and are not reimbursable under this AGREEMENT; however, such permit fees may count toward the VILLAGE's share of the total PROJECT cost.

7. During the PROJECT, the VILLAGE will prepare and submit to SMC a brief one- to two-page written progress report and, upon completion of the PROJECT, a brief one- to two-page written final report. Photographic documentation of before, during, and after construction must be included.

SCHEDULE

1. The VILLAGE shall submit a written progress report on the PROJECT to SMC on or before July 31, ~~2025~~ 2027.

2. The VILLAGE shall complete the PROJECT on or before November 30, ~~2025~~ 2027. If necessary, the VILLAGE may request an extension from SMC (in writing) prior to November 1, ~~2025~~ 2027.

3. The VILLAGE shall submit a written final report on the PROJECT to SMC on or before November 30, ~~2025~~ 2027. If necessary, the VILLAGE may request an extension from SMC (in writing) prior to November 1, ~~2025~~ 2027.

4. The VILLAGE shall submit a written request for reimbursement of eligible PROJECT expenses to SMC on or before November 30, ~~2025~~ 2027. If necessary, the VILLAGE may request an extension from SMC (in writing) prior to November 1, ~~2025~~ 2027. Unless an extension was requested of—and granted by—the SMC, requests for reimbursement submitted after such date will not be honored.

COMPENSATION

1. The total cost of the PROJECT is approximately ~~$1,958,000.00~~ $2,600,000.

2. SMC will reimburse the VILLAGE for 50% of eligible PROJECT expenditures made after December 5th, 2024 or $64,910.00, whichever is less.

3. Final payment of reimbursable expenditures shall become due and payable by SMC after successful completion of the PROJECT and receipt of a written request for reimbursement from the VILLAGE to SMC along with an invoice for the requested reimbursement amount and adequate documentation of the PROJECT expenditures (e.g., invoices, proof of payment, etc.), including in-kind services.

TERMS AND CONDITIONS

1. The terms of this AGREEMENT are valid until November 30, ~~2025~~ 2027. The VILLAGE agrees to be responsible for the long-term operation and maintenance of the PROJECT.

2. Either party may terminate this AGREEMENT upon 30 days written notice to the other party. In the event of such termination occurring prior to project completion, SMC shall reimburse the VILLAGE for up to 50% of eligible PROJECT expenditures made up to the date of termination, up to a maximum of $32,455.00.

3. All adjustments, additions, and/or deletions to this AGREEMENT, including substantive changes to the PROJECT description and/or scope of work, are subject to the written approval of both parties.

4. The VILLAGE will include in any PROJECT-related publications created for general external circulation, including brochures, newsletters, and website and presentation

materials), the following phrase: *"Funding for this project was provided in part by the Lake County Stormwater Management Commission through a Watershed Management Board Grant."*

5. This AGREEMENT shall be governed by and construed according to the laws of the State of Illinois.

6. This AGREEMENT supersedes any and all other agreements, oral or written, between the parties hereto with respect to the subject matter hereof.

IN WITNESS WHEREOF, the parties have caused this AGREEMENT to be executed, as evidenced by the signatures of their duly authorized representative as affixed below.

LAKE COUNTY STORMWATER MANAGEMENT COMMISSION:	**VILLAGE OF BUFFALO GROVE:**
_____	_____
Kurt A. Woolford	Eric N. Smith
Executive Director	Village President
Date: _____	Date: _____

AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 8.e. O-2026-4

Ordinance approving an amendment to the Planned Development with Variations for an updated sign package for Veterinary Emergency Group at 43 McHenry Road.

Contacts

Liaison: Trustee Ottenheimer
Staff: Nicole Woods

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve an ordinance approving an amendment to the Planned Development with Variations for an updated sign package for Veterinary Emergency Group at 43 McHenry Road.

Summary

See attached memorandum.

Strategic Alignment

Guiding Principle

Principle 3: Plan and Invest in the Future

Goal

File Attachments

1. Memo - VEG Signs - 43 McHenry Rd
2. DRAFT Ordinance - VEG Signs - 43 S McHenry Rd
3. DRAFT Ordinance - Exhibit B. Plan Set
4. Draft Ordinance - Exhibit C. PZC Minutes - Dec 3, 2025

MEMORANDUM

DATE:	January 5, 2026
TO:	Village Manager Dane Bragg
FROM:	Nicole Woods, Community Development Director Andrew Binder, Associate Planner
SUBJECT:	43 McHenry Road – An amendment to the Planned Development and Sign Variations for Veterinary Emergency Group (VEG) at 43 McHenry Road

RECOMMENDATION

Staff recommends that the Village Board approve an Ordinance granting an amendment to the Planned Development and unified sign package approved by Ordinance No. 2022-092, as amended by Ordinance No. 2024-007, with Sign Variations for Veterinary Emergency Group (VEG) at 43 McHenry Road, subject to the conditions in the attached Ordinance.

Figure 1: Subject Property

PROJECT BACKGROUND

Veterinary Emergency Group (VEG) requests approval for an amendment to the Planned Development with Sign Variations, to remove and replace their wall signage at 43 McHenry Road.

In 2022, the Village Board approved the development of a new two-tenant commercial building at 43 McHenry Rd. The project included approval for a sign package for both tenants, which allowed VEG to install wall signs on the north and south sides of the building; no variations to the Sign Code were requested as part of the original proposal. In 2024, the Board approved an amendment to the PUD and sign package, including sign variations, to add a wall sign on the east elevation.

Now, VEG is proposing to remove and replace all of its existing wall signs on the north, south, and east elevations with new wall signage to comply with its new corporate signage standards. The signs will be face-lit channel letters to match the building's design. The proposed sign package is similar to the previously approved sign package and meets all sign code requirements.

This proposal requires an amendment to the sign plan under Ordinance No. 2022-92, as amended by Ordinance No. 2024-007, and Variations from the Sign Codes, consistent with those approved in 2024, as outlined below:

Sign Ordinance:

1. To allow more than two wall sign on the building;
2. To allow wall signs on the East Elevation that do not face a public right-of-way;
3. To allow the wall sign on the east elevation to be larger than the wall sign over the main entrance (south elevation).

No other changes to the site or its use are proposed with this request.

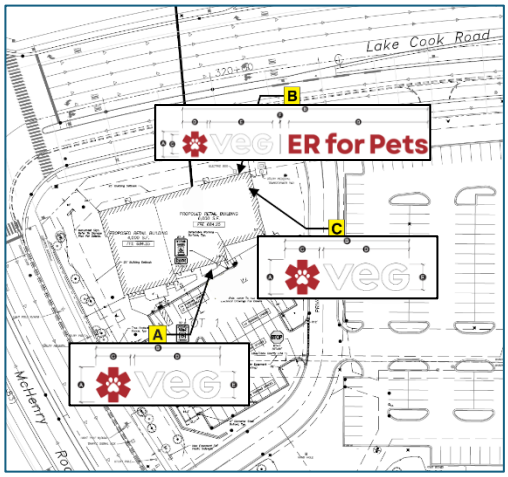


Figure 2: Proposed Signage

PUBLIC HEARING COMMENTS

No comments were received before the public hearing, and no members of the public were present at the meeting to discuss this project.

PLANNING & ZONING COMMISSION (PZC) RECOMMENDATION

The PZC **unanimously recommended approval** to allow an allow an amendment to the Planned Development and unified sign package approved by Ordinance No. 2022-092, as amended by Ordinance No. 2024-007, with Sign Variations for Veterinary Emergency Group (VEG) at 43 McHenry Road, subject to the following conditions:

1. The proposed signage shall be installed in substantial conformance with the plans and documents submitted as part of the plan set.
2. Any directional or incidental signage added to the sign package shall be reviewed administratively by staff.

ORDINANCE 2026-xxx

AN ORDINANCE APPROVING AN AMENDMENT TO THE PLANNED DEVELOPMENT APPROVED BY ORDINANCE NO. 2022-092, AS AMENDED BY ORDINANCE NO. 2024-007, AND SIGN VARIATIONS FOR VETERINARY EMERGENCY GROUP (VEG) AT 43 MCHENRY ROAD

VETERINARY EMERGENCY GROUP
43 McHenry Road

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

WHEREAS 43 McHenry Road, Buffalo Grove, IL ("Property") is a 1.32-acre site in the B-3 Business District which is currently improved with a two-tenant commercial building and is hereinafter legally described in Exhibit A; and,

WHEREAS, Sugarland Pa Town, LLC is the owner of the Property; and,

WHEREAS, Site Enhancement Services, ("Petitioner") has filed a petition on behalf of Sugarland Pa Town, LLC, to allow for wall signs on the north, south, and east elevations of the building at 43 McHenry Road, and is requesting the following approvals:

1. An Amendment to the Planned Unit Development and uniform sign package approved by Ordinance No. 2022-92, as amended by Ordinance 2024-007; and,

2. The following Variations from the Village of Buffalo Grove Sign Code:
    a. A variation from Section 14.16. to allow more than two wall signs on the building;
    b. A variation from Section 14.16. to allow wall signs on the East Elevation that does not face a public right-of-way;
    c. A variation from Section 14.16. to allow the wall sign on the east elevation to be larger than the wall sign over the main entrance;

WHEREAS the Planning & Zoning Commission held a public hearing on December 3, 2025, concerning the request for approval of an amendment to the Planned Development and unified sign package approved by Ordinance No. 2022-092, as amended by Ordinance No. 2024-007, with Sign Variations; and

WHEREAS the Planning & Zoning Commission made findings and determined that the testimony and exhibits presented by the Petitioner at the public hearing satisfy the standards for Planned Unit Developments as set forth in the Buffalo Grove Zoning Ordinance, and satisfy the standards for Sign Variations as set forth in the Buffalo Grove Sign Ordinance, as described in the minutes attached as Exhibit C; and

WHEREAS the Planning & Zoning Commission voted 7-0 to recommend approval of the of the amendment to the Planned Development and unified sign package approved by Planned Unit

Development Ordinance No. 2022-092, as amended under Ordinance 2024-007, along with Sign Variations; and

WHEREAS the Corporate Authorities of the Village of Buffalo Grove hereby determine and find that the amendment to the Planned Development and unified sign package approved by Ordinance No. 2022-092, as amended by Ordinance No. 2024-007, with Sign Variations are reasonable and will serve the best interests of the Village; and

WHEREAS, the proposed development shall operate 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 December 3, 2025 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 foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Corporate Authorities hereby adopt a proper, valid, and binding ordinance approving the amendment to the Planned Development and unified sign package approved by Ordinance No. 2022-092, as amended by Ordinance No. 2024-007, with Sign Variations for Veterinary Emergency Group (VEG) at 43 McHenry Road, Buffalo Grove, IL, subject to the following conditions:

1. The proposed signage shall be installed in substantial conformance with the plans and documents submitted as part of the plan set.
2. Any directional or incidental signage added to the sign package shall be reviewed administratively by staff.

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: _____, 2026
APPROVED: _____, 2026
PUBLISHED: _____, 2026

ATTEST: APPROVED:

smart. with heart.
50 Raupp Blvd, Buffalo Grove, IL 60089 847-459-2500 vbg.org

Janet M. Sirabian, Village Clerk

Eric N. Smith, Village President

DRAFT

EXHIBIT A

Legal Description
VETERINARY EMERGENCY GROUP
43 McHenry Road

SUBJECT PROPERTY COMMON ADDRESS: 43 McHenry Road

PARCEL INDEX NUMBERS: 15-33-309-004 (Lake County), 03-04-102-003 (Cook County)

LEGAL DESCRIPTION:

LOT 1 IN FINAL PLAT OF NCH BUFFALO GROVE OUT PATIENT CARE CENTER SUBDIVISION BEING A RESUBDIVISION OF PART OF THE SOUTH HALF OF SECTION 33, TOWNSHIP 43 NORTH, RANGE 11, AND PART OF THE NORTH HALF OF SECTION 4, TOWNSHIP 42 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE AND COOK COUNTIES, ILLINOIS RECORDED SEPTEMBER 17, 2021 AS DOCUMENT 7826815 AND CERTIFICATE OF CORRECTION RECORDED MARCH 17, 2022 AS DOCUMENT 7886777 IN LAKE COUNTY, ILLINOIS AND RECORDED NOVEMBER 10, 2021 AS DOCUMENT 2131422033 AND CERTIFICATE OF CORRECTION RECORDED MARCH 17, 2022 AS DOCUMENT 2207622006 IN COOK COUNTY, ILLINOIS.

DRAFT

EXHIBIT B

Plan Set
VETERINARY EMERGENCY GROUP
43 McHenry Road

DRAFT

EXHIBIT C

Draft Minutes from December 3, 2025, Planning & Zoning Commission Meeting
VETERINARY EMERGENCY GROUP
43 McHenry Road

DRAFT

KOSSMAN DEVELOPMENT COMPANY

DBA/ Sugarland PA Town, LLC

ELEVEN PARKWAY CENTER / SUITE 300 / PITTSBURGH, PA 15220

Phone: (412) 921-6100 Fax: (412) 921-0913

October 6, 2025

Village of Buffalo Grove
Community Development Department
50 Raupp Boulevard Buffalo Grove, IL 60089

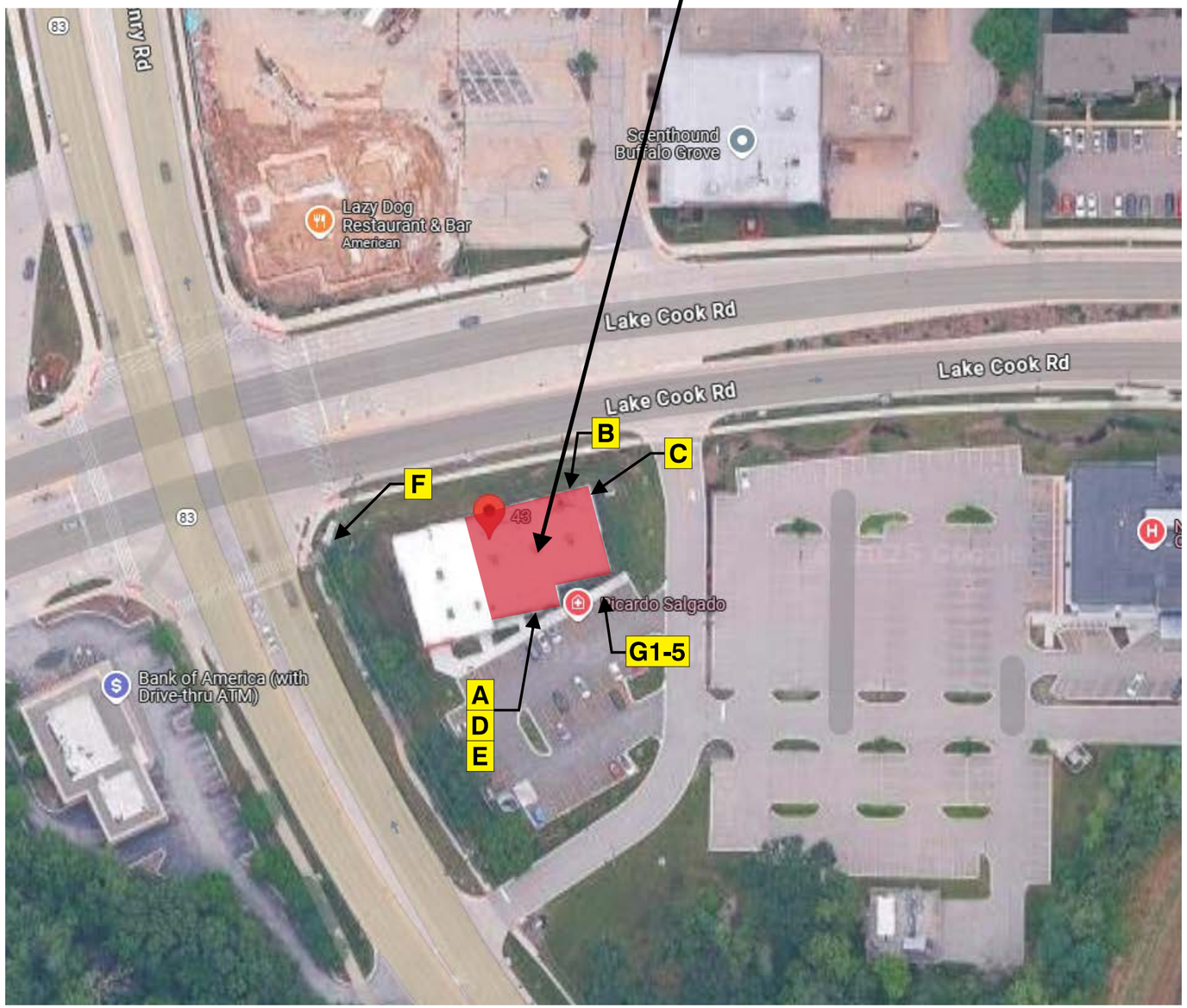
To whom it may concern,

This letter is being written in support of Veterinary Emergency Group, of whom I have had the pleasure of working in the capacity of landlord for several years now. As landlord we are providing support / a reference for the proposed need to change the signage currently in place at 43 McHenry Road Buffalo Grove, IL 60089. Clear and concise signage is imperative within their industry for those in need of their services. This signage change will be beneficial to the VEG, as well as the community it serves.

I am more than happy to answer any additional questions or concerns you may have. I can be reached via

Sincerely,

Todd Earley
Senior Property Manager
Kossman Development Company



NORTH

Sales:	Lisa Koebel
PM:	Sam Rushing
Art:	DJT 7.8.25
Drwg #:	238801-1-6

Copyright **North American Signs Inc.**

Existing

Proposed
Signs rendered proportional to the photo

Sales:	Lisa Koebel
PM:	Sam Rushing
Art:	DJT 7.23.25
Drwg #:	238801-1-6

*All measurements to be field verified prior to manufacturing

Copyright **North American Signs Inc.**

Existing

Proposed
Signs rendered proportional to the photo

Sales:	Lisa Koebel
PM:	Sam Rushing
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*All measurements to be field verified prior to manufacturing

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Existing

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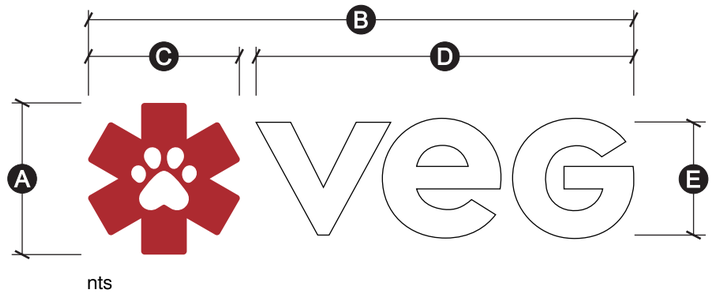
Copyright **North American Signs Inc.**



nts

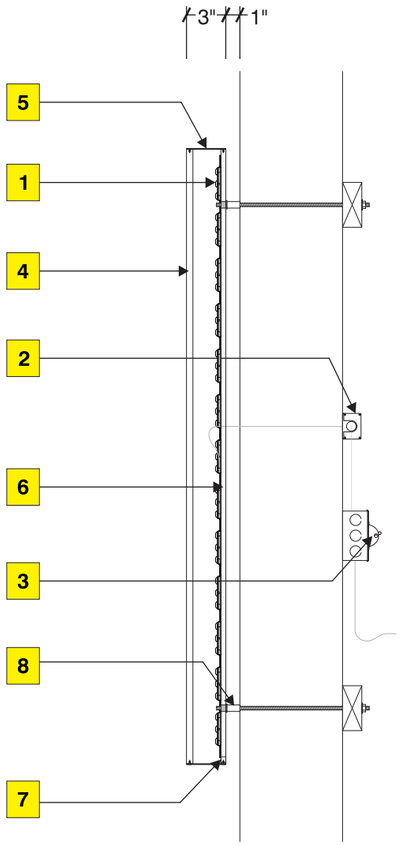
Paw to be centered horizontally & vertically on star logo

A Measured from overall height of the logo

E Measured from overall height of the letter "V"

A	B	C	D	E	A x B = SQ FT
33"	9'- 10 3/4"	2'- 9"	6'- 10 1/4"	24 1/2"	27.21

Sign Code: NTE ~140SF or 33% of store frontage.



Illumination

1	7100K White LEDs.
2	60W power supplies.
3	UL Listed disconnect switch.

Faces

4	1/2" clear acrylic faces with 1/16" lip. Logo: to have reverse weeded 3M 3630-73 Dark Red vinyl. "VEG": to be white vinyl. All vinyl to be applied first surface w/ white diffuser vinyl applied 2nd surface.

Returns

5	3" x .063 Aluminum returns painted black attached to faces & backs with countersunk screws.

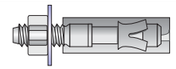
Backs

6	.375" polycarbonate backs w/ white diffuser vinyl applied 2nd surface.
7	Each letter to have two (2) 1/4" weep holes.

Mounting

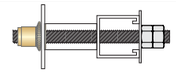
8	1" Spacers & hardware painted to match fascia.

Mounting



Wedge anchors
For use in masonry applications.

Lag screw
Wood lags for solid wood backing.
Concrete lags for solid masonry applications.
Only when specified by NAS.



Thru-Bolt w/ (Preferred)
Hollow walls w/ rear access. Backing- U-Channel, angle iron or wood.

Toggle bolt
For use in hollow walls w/ suitable wall materials.

Stud mounted

Colors to match

White

3M 3630-73 Dark Red

Black

- Spacers need to be 2" from visibility (where applicable).
- All labels, ie, ul, sign id & permit to be placed at top of letters out of public view.
- Painted components must have two coats of acrylic polyurethane paint w/ no visible weld points.

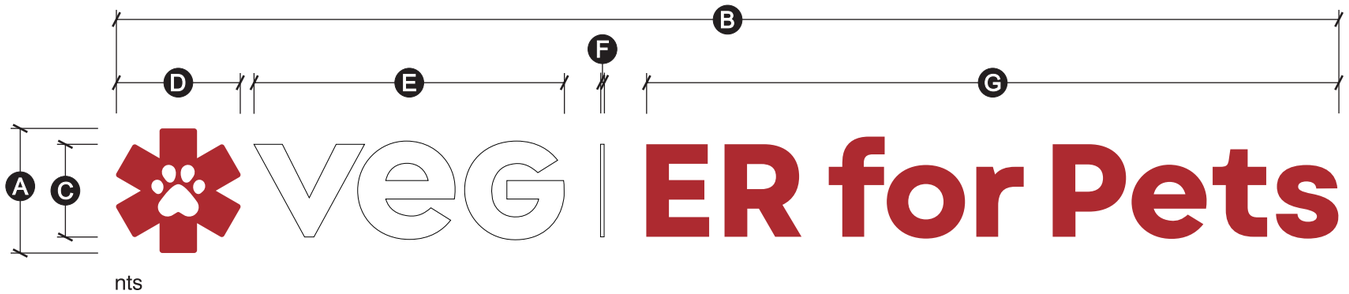
Sales:	Lisa Koebel
PM:	Sam Rushing
Art:	DJT 7.23.25
Drwg #:	238801-1-6

Channel Letters
nts

It is the clients responsibility to provide 120V primary electrical service (including ground wiring directly from panel box) within six(6) feet of signage. Installation to meet N.E.C. code.

Copyright **North American Signs Inc.**

Note: *Any Field Measurements That Are Different Please Notify North American Signs* **(800) 348-5000**



nts

Paw to be centered horizontally & vertically on star logo

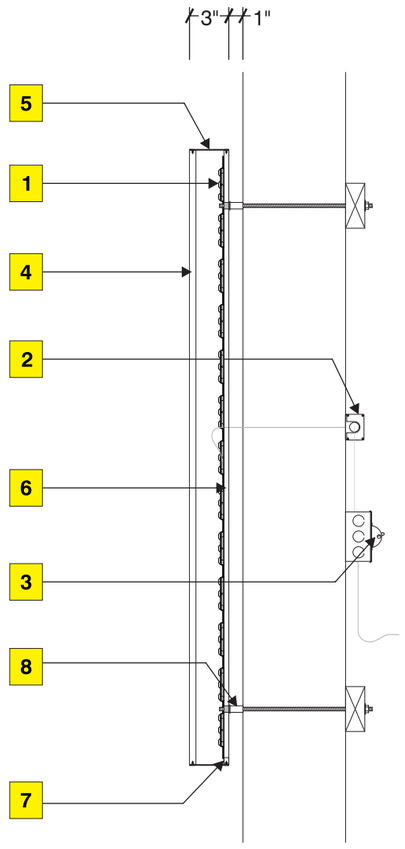
A Measured from overall height of the logo

C Measured from overall height of the letter “V”

A	B	C	D	E	F	G	A x B = SQ FT
28"	22'- 10 3/4"	20 7/8"	2'- 4"	5'- 9 3/4"	1 1/2"	12'- 11 5/8"	53.42

F *Lettersets where divider line scales below 1 1/2" will need to be adjusted for manufacturing.

Sign Code: NTE ~140SF or 33% of store frontage.



Channel Letters

nts

Illumination

1	7100K White LEDs.
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3	UL Listed disconnect switch.

Faces

4	1/2" clear acrylic faces with 1/16" lip. Logo: to have reverse weeded 3M 3630-73 Dark Red vinyl. “ER for Pets”: to be 3M 3630-73 Dark Red vinyl. “VEG” & divider line: to be white vinyl. All vinyl to be applied first surface w/ white diffuser vinyl applied 2nd surface.

Returns

5	3" x .063 Aluminum returns painted black attached to faces & backs with countersunk screws.

Backs

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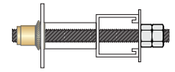
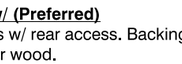
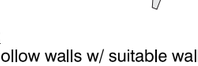
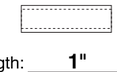
Mounting

8	1" Spacers & hardware painted to match fascia.

Mounting

☐  **Wedge anchors** For use in masonry applications.	☐ **Lag screw** Wood lags for solid wood backing. Concrete lags for solid masonry applications. Only when specified by NAS.
☐  **Thru-Bolt w/ (Preferred)** Hollow walls w/ rear access. Backing- U-Channel, angle iron or wood.	☐  **Toggle bolt** For use in hollow walls w/ suitable wall materials.
☐ **STUD MOUNTED**	☒  Length: 1" **Spacer** Painted to match facade.

Colors to match

White — 3M 3630-73 Dark Red — Black

- Spacers need to be 2" from visibility (where applicable).
- All labels, ie, ul, sign id & permit to be placed at top of letters out of public view.
- Painted components must have two coats of acrylic polyurethane paint w/ no visible weld points.

Sales:	Lisa Koebel
PM:	Sam Rushing
Art:	DJT 7.23.25
Drwg #:	238801-1-6

It is the clients responsibility to provide 120V primary electrical service (including ground wiring directly from panel box) within six(6) feet of signage. Installation to meet N.E.C. code.

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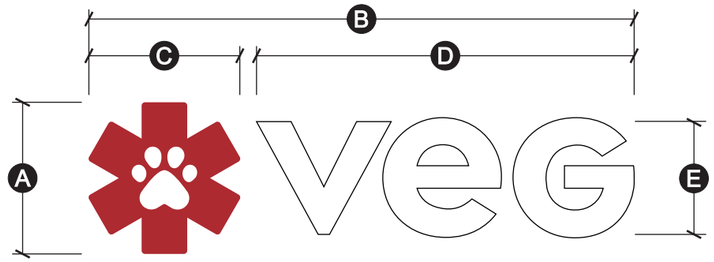


nts

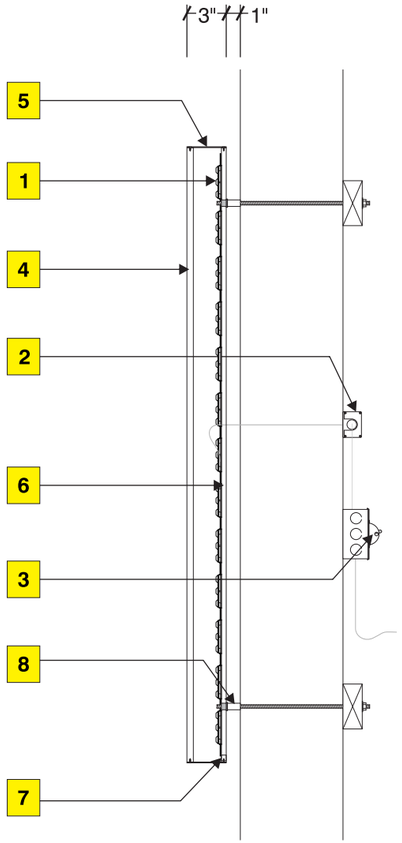
Paw to be centered horizontally & vertically on star logo

A Measured from overall height of the logo

E Measured from overall height of the letter “V”

A	B	C	D	E	A x B = SQ FT
40"	12'- 0"	3'- 4"	8'- 3 5/8"	29 3/4"	40.00

Sign Code: NTE ~140SF or 33% of store frontage.



Illumination

1	7100K White LEDs.
2	60W power supplies.
3	UL Listed disconnect switch.

Faces

4	1/2" clear acrylic faces with 1/16" lip. Logo: to have reverse weeded 3M 3630-73 Dark Red vinyl. “VEG”: to be white vinyl. All vinyl to be applied first surface w/ white diffuser vinyl applied 2nd surface.

Returns

5	3" x .063 Aluminum returns painted black attached to faces & backs with countersunk screws.

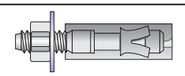
Backs

6	.375" polycarbonate backs w/ white diffuser vinyl applied 2nd surface.
7	Each letter to have two (2) 1/4" weep holes.

Mounting

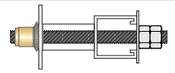
8	1" Spacers & hardware painted to match fascia.

Mounting



Wedge anchors
For use in masonry applications.

Lag screw
Wood lags for solid wood backing.
Concrete lags for solid masonry applications.
Only when specified by NAS.



Thru-Bolt w/ (Preferred)
Hollow walls w/ rear access. Backing- U-Channel, angle iron or wood.

Toggle bolt
For use in hollow walls w/ suitable wall materials.

Stud mounted

Colors to match

White

3M 3630-73 Dark Red

Black

- Spacers need to be 2" from visibility (where applicable).
- All labels, ie, ul, sign id & permit to be placed at top of letters out of public view.
- Painted components must have two coats of acrylic polyurethane paint w/ no visible weld points.

Sales:	Lisa Koebel
PM:	Sam Rushing
Art:	IRM 8.7.25
Drwg #:	238801-1-6

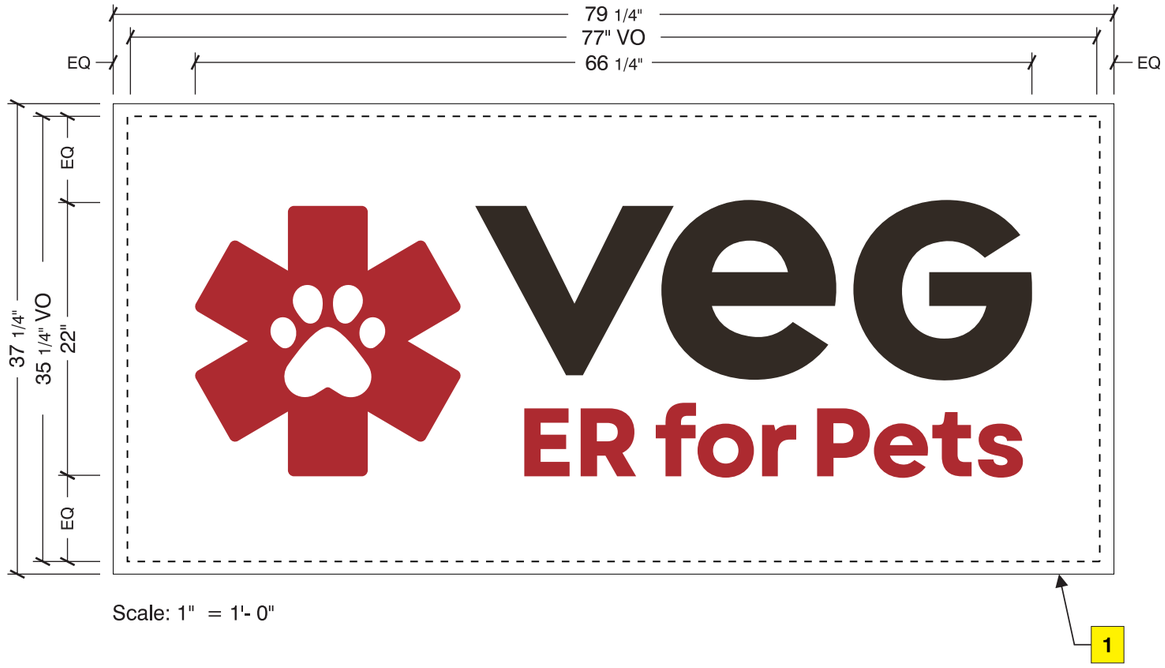
Channel Letters
nts

It is the clients responsibility to provide 120V primary electrical service (including ground wiring directly from panel box) within six(6) feet of signage. Installation to meet N.E.C. code.

Copyright **North American Signs Inc.**

Existing

Proposed
Sign rendered proportional to the photo



Scale: 1" = 1'- 0"

Panels

1	White polycarbonate with 3M 3630-73 Dark Red & black vinyl applied first surface. Logo to be reverse weeded.

Paw to be centered horizontally & vertically on star logo

Colors to match

3M 3630-73 Dark Red

Black

White

Sales:	Lisa Koebel
PM:	Sam Rushing
Art:	DJT 7.8.25
Drwg #:	238801-1-6

Copyright **North American Signs Inc.**

Existing

Proposed
Sign rendered proportional to the photo

Scale: 3" = 1'- 0"

Sign

1	.080 aluminum panel painted white w/ vinyl applied first surface.

Exact mounting TBD.

Note:
Paw to be centered horizontally & vertically on star logo.

Colors to match

White | PMS 185 C | Black

Sales:	Lisa Koebel
PM:	Sam Rushing
Art:	TJU 7.11.25
Drwg #:	238801-1-6

Copyright **North American Signs Inc.**

Note: *Any Field Measurements That Are Different Please Notify North American Signs* **(800) 348-5000**

Community Development Department
50 Raupp Boulevard, Buffalo Grove, IL 60089
Phone: 847-459-2530 | www.vbg.org

Planned Unit Development (PUD) Standards

In addition to the special use standards, all planned unit developments shall meet the following (5) general standards:

1. Have the minimum areas as set forth in Section 17.16.060.

Response:

The request to amend the PUD for signage will have little to no effect on the development. This development meets these standards.

2. The uses permitted in such development are not of such a nature or so located as to exercise an undue detrimental influence or effect upon the surrounding neighborhood;

Response:

The use permitted in this development will not change due to this request for a sign variation. This development meets these standards.

3. The plan effectively treats the developmental possibilities of the subject property, making appropriate provisions for the preservation of streams, wooded areas, scenic views, floodplain areas, and similar physical features;

Response:

The request for a sign variation will not affect these issues. This development meets these standards.

4. All requirements pertaining to commercial, residential, institutional or other uses established in the planned unit development conform to the requirements for each individual classification as established elsewhere in this Title, except as may be specifically varied for the proper planning of the planned unit development;

Response:

The request for a sign variation will not affect the uses for this development. This development meets these standards.

5. The Planning and Zoning Commission shall determine that the area and width of the lot shall be sufficient for the proposed use, and that the development of the property in the proposed manner creates no outlots which will be difficult to develop in an appropriate manner.

Response:

The request for a sign variation will not affect the lot dimensions in any way. This development meets these standards.

Community Development Department
50 Raupp Boulevard, Buffalo Grove, IL 60089
Phone: 847-459-2530 | www.vbg.org

Special Use Standards

During the Public Hearing, you will need to present your case for the Special Use being requested. In doing so, please address the six (6) Special Use Standards listed below:

1. The special use will serve the public convenience at the location of the subject property; or the establishment, maintenance or operation of the special use will not be detrimental to or endanger the public health, safety, morals, comfort, or general welfare;

Response:

The east elevation sign provides clear visibility for vehicles and pedestrians approaching from McHenry Road and adjacent drive aisles. Allowing this sign to remain enhances wayfinding, improves customer navigation, and supports the continued viability of the tenant spaces. Its presence serves the public convenience and does not endanger public health, safety, comfort, or general welfare.

2. The location and size of the special use, the nature and intensity of the operation involved in or conducted in connection with said special use, the size of the subject property in relation to such special use, and the location of the site with respect to streets giving access to it shall be such that it will be in harmony with the appropriate, orderly development of the district in which it is located;

Response:

The location and size of the east elevation sign are consistent with the building's overall design and are proportionate to the tenant frontage. This elevation faces a public area and functions as a visible point of identification for passing traffic, making the sign both logical and appropriate. Its continued presence aligns with the established commercial character of the district and complements the orderly development of the area.

3. The special use will not be injurious to the use and enjoyment of other property in the immediate vicinity of the subject property for the purposes already permitted in such zoning district, nor substantially diminish and impair other property valuations with the neighborhood;

Response:

Retaining the east elevation sign will not negatively impact surrounding property values. On the contrary, clear and well-placed signage contributes to a vibrant and functional commercial corridor, which supports surrounding

property values and the enjoyment of neighboring uses. The sign is modest in scale and integrated into the building architecture, ensuring no adverse visual impact on nearby properties.

4. The nature, location and size of the buildings or structures involved with the establishment of the special use will not impede, substantially hinder or discourage the development and use of adjacent land and buildings in accord with the zoning district within which they lie;

Response:

The existing sign has been in place without hindering the development or use of adjacent properties. Its continued presence will not impede, substantially hinder, or discourage adjacent development. The sign is mounted flush to the building and does not encroach upon neighboring parcels or create physical obstructions.

5. Adequate utilities, access roads, drainage, and/or other necessary facilities have been or will be provided;

Response:

All necessary utilities, access roads, drainage, and related infrastructure are already in place and adequate for the site. The retention of the east elevation wall sign does not alter or impact any of these systems.

6. Parking areas shall be of adequate size for the particular special use, which areas shall be properly located and suitably screened from adjoining residential uses, and the entrance and exit driveways to and from these parking areas shall be designed so as to prevent traffic hazards, eliminate nuisance and minimize traffic congestion in the public streets.

Response:

The east elevation sign improves site navigation by making tenant spaces easier to identify from multiple approach points, including vehicles entering from McHenry Road. This clarity helps reduce confusion and sudden traffic movements, thereby supporting safe and efficient traffic flow. The sign does not require additional parking or affect existing traffic patterns.

Community Development Department
50 Raupp Boulevard, Buffalo Grove, IL 60089
Phone: 847-459-2530 | www.vbg.org

Sign Variation Standards

During your testimony at the Public Hearing you need to testify and present your case for the variance by addressing 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:

The literal interpretation and strict application of the provisions and requirements of the Title would cause undue and unnecessary hardships to the sign user because the sign on the East elevation acts as a wayfinding element when motorists are maneuvering to the appropriate parking areas for Veterinary Emergency Group. When entering the property from Lake Cook Road, motorists will need to make multiple turns in order to reach the parking areas, and this branding element makes for a smooth transfer of information while allowing motorists to remain focused on the road in front of them and the parking areas that can be occupied with foot traffic and cars backing out of parking spaces.

2. The granting of the requested variance would not be materially detrimental to the property owners in the vicinity; and
   Response:

The granting of the requested PUD Amendment would not be materially detrimental to the property owners in the vicinity, in fact, it will help motorists identify the surrounding businesses in a more efficient manner so there will be more efficient travel through this corridor.

3. The unusual conditions applying to the specific property do not apply generally to other properties in the Village; and

Response:

The unusual conditions applying to this specific property do not generally apply to other properties in the Village and this property lends itself to having a wayfinding element on the East elevation to differentiate itself from other properties within the direct vicinity of the parking areas for several surrounding businesses.

4. The granting of the variance will not be contrary to the purpose of this Title pursuant to Section 14.04.020.

Response:

The granting of the PUD Amendment will not be contrary to the purpose of this Title pursuant to Section 14.04.020 because the proposed wayfinding element on the East elevation promotes business identification, efficient advertising and communication, and elevates aesthetic values within the corridor, while minimizing visual clutter as each sign faces a different right-of-way. This wayfinding element also promotes public safety by providing a smooth transfer of information in order to allow for motorists to maintain their primary focus of navigating their vehicle through the heavily trafficked commercial corridor.

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:

The proposed signage reflects VEG ER for Pets trademarked branding standard and is designed in good taste.

2. The entire site has been or will be particularly well landscaped.

Response:

The entire site will be well landscaped.

MINUTES OF THE REGULAR MEETING OF THE PLANNING AND ZONING COMMISSION HELD AT JEFFREY S. BRAIMAN COUNCIL CHAMBERS FIFTY RAUPP BLVD, BUFFALO GROVE, IL 60089, WEDNESDAY, DECEMBER 3, 2025

CALL TO ORDER

Chairperson Weinstein called the meeting to order at 7:30 PM. Roll call indicated the following were present:PZC Chairperson Weinstein, PZC Commissioner Au, PZC Commissioner Moodhe, PZC Commissioner Worlikar, PZC Commissioner Spunt, PZC Commissioner Davis, PZC Commissioner Gregory.

Also present were: Trustee Liaison Lester Ottenheimer, Village Attorney Patric Brankin, Deputy Communtiy Development Director Kelly Purvis and Associated Planner Andrew Binder.

PUBLIC HEARINGS/ITEMS FOR CONSIDERATION

A. **Consideration of a variation from the Village Zoning Ordinance, Section 17.40, for the purpose of constructing an addition that would encroach into the 40-foot rear yard setback by approximately 7.5 feet, at 1924 Beverly Lane**

Associate Planner, Binder provided an overview of the request and indicated staff's support for the Zoning Variation to allow a rear addition to subject property.

Sam Kang of Airoom, LLC, the architect for the project, was sworn in.

Kang indicated that the lot is an irregular shape and the angle/placement of the house doesn't allow for the addition without an encroachment. He indicated that it is a minimal encroachment and that the owner wants to stay in the community but also wants to expand his living space.

Com. Gregory noted that there was a public comment in the packet provided to the Commission. He asked if the petitioner was aware of the comment and the concern about the windows.

Kang indicated that he was and that he thought the elevations were more attractive with the windows and noted that the addition is very minimal and so is the encroachment.

Chairperson Weinstein asked if an image of the addition in comparison to the setback line could be shown on the screen. He noted that the majority of the encroachment is where the open porch would be and that the enclosed building encroached very little into the setback area.

He asked for confirmation regarding window placement.

Kang confirmed that there are ornamental windows at the top of the facade.

The Staff Report was entered into the record as Exhibit 1.

Daniel Gordon, owner of the property at 1921 Twin Oaks Ct, directly behind the

subject property, was sworn in.

Gordon noted that he sent an email to Associate Planner Binder indicating his concerns about the addition.

He stated that he is concerned about privacy, and asked that the Commission consider modifications to include landscape screening and reducing the windows on the rear facade.

Kang responded that the one-story addition should not have any impact on the rear property's privacy. He indicated that the glass is a nice feature and that the windows that are higher are for aesthetic purposes.

Gordon noted that his property has direct sight lines to the area of the addition.

Com. Moodhe asked what is currently existing on the property where the addition is going to be.

Kang responded that there is currently a patio. He also noted that there is a privacy fence in the backyard.

The public hearing was closed.

Com.Davis made a motion to grant a variation to Section 17.40.020 of the Buffalo Grove Zoning Ordinance to allow the proposed addition to encroach into the rear yard setback at 1924 Beverly Lane, subject to the following conditions:

1. The proposed addition shall be installed in accordance with the documents and plans submitted as part of this petition.

Com. Worlikar seconded the motion.

Chairperson Weinstein spoke in favor of the motion. He noted that the Village has approved many similar small encroachments in the past. He noted that the covered porch is where the majority of the building encroachment occurs, with the enclosed part of the building only encroaching slightly into the setback.

Com. Au noted that she is also in favor of the motion. She stated that the patio that is currently in the rear yard encroaches further than the proposed addition. She also noted that she is not concerned about the windows at the top part of the room, as they are only ornamental and nobody would be able to see out of those.

Moved by Jason Davis, seconded by Neil Worlikar to approve. Upon roll call, the Commissioners voted as follows:

AYES:	7	Mitchell Weinstein, Amy Au, Adam Moodhe, Neil Worlikar, Marc Spunt, Jason Davis, Chad Gregory
NAYS:	0	None
ABSENT:	2	Sujat Saxena, Don Schwartz

Motion declared Passed.

B. **Consideration of an amendment to the Planned Development approved by Ordinance No. 2022-092, as amended by Ordinance No. 2024-007, and Sign Variations for Veterinary Emergency Group (VEG) at 43 McHenry Road**

Associate Planner, Binder provided an overview of the request and indicated staff's support for the amendment to the Planned Development, Sign Variations and Unified Sign Package for Veterinary Emergency Group.

Charlie Schalliol of Site Enhancements was sworn in.

Schalliol noted that they are updating the brand to their new corporate standards. He stated that the sizing and layout is essentially the same.

He noted they were here a year ago with a similar request and asked if the Commission would have the same consideration.

Com. Spunt asked if the majority of people that come to the business know where they are going and are able to find the emergency room.

Schalliol noted that the business is an emergency room but also offers general veterinary services as well.

Com. Spunt noted that it seems that they are losing signage indicating that it is an emergency room.

Schalliol replied that the sign facing the roadway indicates that it is an "ER for pets".

Com Au. asked why the sign on the east side has a larger sign than the sign over the entrance to the building.

Schalliol noted that the east side has good visibility from Lake Cook Road and the sign above the entrance doesn't need to be a large.

Com. Au noted that the sign on the east elevation looks larger than the existing sign.

Schalliol provided the dimensions of each sign.

Binder pulled up a sign comparison chart for the Commission to review.

Discussion regarding the size of the east elevation sign continued.

Com. Worlikar asked about the "VEG" sign that does not include "ER for Pets", and wanted to be sure they would not come back in the future to add that on to the sign.

Schalliol noted that they would not be coming back for an addition of the "ER for Pets" in the future.

Com. Moodhe noted that we are going to drive businesses away by making them

come back every time they update their brand standards. He stated, if they comply generally with what was approved the Village should be allowing them to be replaced. He noted we have been here before and should not have to be here again.

Chairperson Weinstein asked for the sign comparison chart to be displayed, and noted that the proposed sign is much smaller than what is permitted per code.

Schalliol confirmed the dimensions.

The Staff Report was entered into the record as Exhibit 1.

Com. Davis made a motion to make a positive recommendation to the Village Board to allow an amendment to the Planned Development and unified sign package approved by Ordinance No. 2022-092, as amended by Ordinance No. 2024-007, with Sign Variations for Veterinary Emergency Group (VEG) at 43 McHenry Road, subject to the following conditions:

1. The proposed signage shall be installed in substantial conformance with the plans and documents submitted as part of the plan set.
2. Any directional or incidental signage added to the sign package shall be reviewed administratively by staff.

Com. Moodhe seconded the motion.

Com. Gregory echoed Com. Moodhe's earlier statement regarding allowing businesses to update their branding without having to come back to the Commission if the plans generally comply with what was previously approved.

Chairperson Weinstein spoke in favor of the motion. He noted that he likes that amendments to the sign plans coming back to the Commission for further review, noting that something new may not be appropriate.

Com. Worlikar stated that it is a little difficult to see the current signs, especially if you are more focused on a sick pet. He noted that he likes that the new signs say "ER for Pets" and noted that the changes to the plans will serve the community well.

Moved by Jason Davis, seconded by Adam Moodhe to recommend approval. Upon roll call, the Commissioners voted as follows:

AYES:	7	Mitchell Weinstein, Amy Au, Adam Moodhe, Neil Worlikar, Marc Spunt, Jason Davis, Chad Gregory
NAYS:	0	None
ABSENT:	2	Sujat Saxena, Don Schwartz

Motion declared Passed.

REGULAR MEETING

A. **Other Matters for Discussion**

B. **Approval of Minutes**

1. **Draft Minutes from the November 19, 2025 Planning and Zoning Commission Meeting**

Moved by Adam Moodhe, seconded by Marc Spunt to approve. Upon roll call, the Commissioners voted as follows:

AYES:	7	Mitchell Weinstein, Amy Au, Adam Moodhe, Neil Worlikar, Marc Spunt, Jason Davis, Chad Gregory
NAYS:	0	None
ABSENT:	2	Sujat Saxena, Don Schwartz

Motion declared Passed.

C. **Chairperson's Report**

None

D. **Committee and Liaison Reports**

Chairperson Weinstein attended the meeting on December 1st. He indicated all three items on the agenda that came before the Commission were approved on the consent agenda, including Dutch Bros. Coffee, the High School parking lot addition, and outside storage in the industrial district at 1051 Commerce Ct.

E. **Staff Report/Future Agenda Schedule**

Deputy Director Purvis indicated that we will have two items on the agenda for the December 17, 2025 meeting. She stated one will be a new single family subdivision and the second would be a redevelopment for the Chase Plaza property.

F. **Public Comments and Questions**

All comments will be limited to 5 minutes and should be limited to concerns or comments regarding issues that are relevant to Planning and Zoning Commission business and not on the regular agenda for discussion.

None

ADJOURNMENT

The meeting was adjourned at 8:13 PM.

AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 8.f. R-2026-1
Resolution Approving the 2026 Pay Ranges for the Village of Buffalo Grove Employees

Contacts

Liaison: Trustee Bocek
Staff:

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve a resolution approving the 2026 Pay Ranges for the Village of Buffalo Grove

Summary

Attached please find the amended 2026 Pay Ranges for Village of Buffalo Grove Employees effective January 1, 2026.

Strategic Alignment

Guiding Principle

Principle 1: Financially Responsible and Sound

Goal

Goal 1: Maintained effective village government: fiscally responsible and providing outstanding, responsive services

File Attachments

1. DRAFT 2026 Pay Ranges 12.30.25
2. Resolution 2026 Pay Ranges

Village of Buffalo Grove

DRAFT Recommended 2026 Pay Ranges

The draft pay ranges include market analysis salary adjustments and a 3% GWI

Position	New Min	Step	New Max	Step
Pay Grade 74	$157,514.24	445	$234,750.88	525
Deputy Village Manager				
Pay Grade 70	$150,600.32	436	$224,446.56	516
Director of Finance				
Police Chief				
Fire Chief				
Director of Public Works				
Director of Community Development				
Pay Grade 66	$134,950.40	414	$202,128.16	495
Deputy Fire Chief				
Director of Human Resources				
Deputy Police Chief				
Village Engineer				
Deputy Public Works Director				
Deputy Community Development Director				
Pay Grade 62	$117,948.48	387	$175,782.88	467
Communications Director				
Battalion Chief				
Deputy Director of Finance				
Police Commander				
Assistant Village Manager				
Pay Grade 58	$112,209.76	377	$167,229.92	457
Police Lieutenant				
Building Services Manager				
Head Golf Professional BG & Arbo				
Public Works Superintendent				
Assistant Village Engineer				
Assistant to the Village Manager				
Pay Grade 56	$104,642.72	363	$155,952.16	443
Police Sergeant				
Pay Grade 54	$97,098.56	348	$144,709.76	428
Civil Engineer II				
Principal Planner				
EMS Educator				
Pay Grade 50	$133,610.88	412	$145,433.60	429
Fire Lieutenant/ Paramedic				
(May 1, 2025 - April 30, 2026)				
Pay Grade 46	$128,385.92	404	$142,561.12	425
Fire Lieutenant/ Non-Paramedic				
(May 1, 2025 - April 30, 2026)				

Pay Grade 42	$89,650.08	332	$133,610.88	412
Public Works Manager				
Purchasing Manager				
Civil Engineer I				
Administrative Support Manager				
Human Resources Manager				
Technology Services Manager				
Facilities Manager				
Pay Grade 34	$83,605.60	318	$124,600.32	398
Plan Reviewer				
Crew Leader				
Social Worker				
Pay Grade 29	$77,966.72	304	$127,110.88	402
Firefighter/Paramedic				
(May 1, 2025 - April 30, 2026)				
Pay Grade 25	$86,575.84	325	$127,745.28	403
Patrol Officer				
(January 1, 2026 - December 31, 2026)				
Pay Grade 23	$76,425.44	300	$124,600.32	398
Firefighter/EMT-B				
(May 1, 2025 - April 30, 2026)				
Pay Grade 21	$77,577.76	303	$115,618.88	383
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				
Permit Coordinator				
Communications Coordinator				
Pay Grade 17	$66,466.40	272	$99,055.84	352
Public Education Officer-Fire				
Maintenance Worker I				

Administrative Assistant				
Utility Billing Coordinator				
Accounts Payable Coordinator				
Payroll Coordinator				
Pay Grade 13	$58,092.32	245	$85,290.40	322
Assistant Golf Professional				
Evidence Custodian				
Community Service Officer				
Pay Grade 9	$53,368.64	228	$79,539.20	308
Desk Officer				
Clerk				
Pay Grade 5	$30,680.00	117	$45,722.56	197
Fleet Maintenance Shop Assistant				
Engineering Aide				
Pay Grade 1	$29,627.52	110	$40,971.84	175
School Crossing Guard				
Laborer				
Golf Course Attendant				

RESOLUTION 2026-xx

A RESOLUTION APPROVING THE 2026 PAY RANGES FOR VILLAGE OF BUFFALO GROVE EMPLOYEES

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

WHEREAS on December1, 2025, the Village President and Board of Trustees adopted the Village of Buffalo Grove's fiscal year 2026 budget, and;

WHEREAS within the fiscal year 2026 budget a general wage increase of 3 percent was programmed for all non-represented employees on January 1, 2026, and;

WHEREAS the 2026 pay ranges have been modified 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:

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

SECTION 2. The 2026 Pay Ranges will become effective January 1, 2026.

SECTION 3. This Resolution shall be in full force and effect from and after its passage and approval.

AYES: _____
NAYES: _____
ABSENT: _____
PASSED: _____, 2026
APPROVED: _____, 2026

ATTEST: APPROVED:

_____ _____
Janet M. Sirabian, Village Clerk Eric N. Smith, Village President

DRAFT

AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 8.g. O-2026-5
Ordinance Authorizing the Village to Execute a Contract with AECOM Technical Services, Inc., to Update the Villages Risk and Resilience Assessment and Emergency Response Plan

Contacts

Liaison: Trustee Weidenfeld
Staff: Chris Krase

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve an Ordinance authorizing the execution of a contract with AECOM Technical Services, Inc. for a price not to exceed $114,118.00 to update the Village's Risk & Resiliency Assessment and Emergency Response Plan, subject to final review and approval by the Village Attorney.

Summary

See attached Memo.

Strategic Alignment

Guiding Principle

Principle 7: Builds Our Community

Goal

Goal 1: Maintained effective village government: fiscally responsible and providing outstanding, responsive services

File Attachments

1. Memo-Risk & Resilience Assessment and Emergency Response Plan Update -12172025
2. DRAFT- PSA - AECOM RRRERP 120825 - Signed
3. DRAFT Ordinance-Risk and Resilience Assessment & Emergency Response Plan Update (2)

MEMORANDUM

DATE:	December 17, 2025
TO:	Dane Bragg, Village Manager
FROM:	Chris Krase, Deputy Director of Public Works
SUBJECT:	Risk & Resiliency and Emergency Response Plan

RECOMMENDATION

Staff recommends execution of a contract with AECOM Technical Services, Inc. for an amount not to exceed $114,180.00 to update the Villages Risk & Resilience Assessment (RRA) and Emergency Response Plan (ERP), pending review and approval by the Village Attorney

BACKGROUND

This contract ensures continued compliance with the American Water Infrastructure Act of 2018 while strengthening the resilience and preparedness of the Village's water system. AECOM Technical Services, Inc. is uniquely qualified to perform this work due to their extensive familiarity with Buffalo Grove's water system through ongoing hydraulic modeling support for the Infrastructure Modernization Program since 2022 and preparation of the 2023 Water System Facility Plan. This institutional knowledge will allow the Risk and Resiliency Assessment and Emergency Response Plan to be developed efficiently, accurately, and fully integrated with existing system operations. Utilizing AECOM will minimize onboarding time, avoid duplication of effort, and produce a practical, actionable framework to guide staff during emergency events, which is increasingly important as the Village's water system serves customers beyond municipal boundaries, including Lake County Public Works Pekara neighborhood and future service to the Village of Long Grove.

Funding has been budgeted and approve for this project within the water capital fund in 2026.

VILLAGE OF BUFFALO GROVE
PROFESSIONAL SERVICES AGREEMENT
Engineering Services

THIS AGREEMENT is dated as of the 5th day of January 2026 ***("Agreement")*** and is by and between the **VILLAGE OF BUFFALO GROVE,** an Illinois home rule municipal corporation ***("Village")*** and the Consultant identified in Subsection 1A 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. CONSULTANT.

A. Engagement of Consultant. The Village desires to engage the Consultant identified below to provide all necessary professional consulting services and to perform the work in connection with the project identified below:

AECOM Technical Services, Inc. ("Consultant")
130 E. Randolph Street, Suite 2400 , Chicago, IL 60601
Attn: Chad Laucamp
Telephone: 312-373-7700
Email: Chad.Laucamp@aecom.com

B. Project Description. The Consultant shall provide Engineering Services for the Village of Buffalo Grove as further described in Exhibit B.

C. Representations of Consultant. The Consultant has submitted to the Village a description of the services to be provided by the Consultant, a copy of which is attached as Exhibit B to this Agreement ("Services"). The Consultant represents that it is financially solvent, has the necessary financial resources, and is sufficiently experienced and competent to perform and complete the professional consulting services set forth in Exhibit B in a manner consistent with the standards of professional practice by recognized consulting firms providing services of a similar nature.

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SECTION 2. SCOPE OF SERVICES.

A. **Retention of the Consultant.** The Village retains the Consultant to perform, and the Consultant agrees to perform, the Services.

B. **Services.** The Consultant shall provide the Services pursuant to the terms and conditions of this Agreement.

C. **Commencement.** Time of Performance. The Consultant 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 Consultant shall diligently and continuously prosecute the Services until the completion of the Work. Notwithstanding anything to the contrary herein, Consultant shall perform the Services in accordance with the degree of professional skill, quality and care ordinarily exercised by members of the same profession currently practicing in the same locality under comparable circumstances and as expeditiously as is consistent with professional skill and the orderly progress of the Project. The full extent of Consultant's responsibility with respect to the Services shall be to perform in accordance with the above standards and to remedy any material deficiencies or defects in the Deliverables at Consultant's own expense, provided that Consultant is notified by Village, in writing, of any such deficiency or defect within a reasonable period after discovery thereof, but in no event later than 90 days after Consultant's completion or termination of the Services.

D. **Reporting.** The Consultant shall regularly report to the Public Works Superintendent, 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 A, unless amended pursuant to Subsection 8A of this Agreement.

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 A. 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 Consultant 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 Consultant 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 Consultant wishes to make a claim for additional compensation as a result of action taken by the Village, the Consultant 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 Consultant, the Consultant shall proceed with all of the Services required to complete the project under this Agreement as determined by the Village without interruption.

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SECTION 3. COMPENSATION AND METHOD OF PAYMENT (cont.)

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 claims or right to claim additional compensation by reason of the payment of any such tax, contribution, premium, costs, royalties, or fees are hereby waived and released by consultant.

F. **Final Acceptance.** The Services, or, if the Services are to be performed in separate phases, each phase of the Services, shall be considered complete on the date of final written acceptance by the Village of the Services or each phase of the Services, as the case may be, which acceptance shall not be unreasonably withheld or delayed.

G. **Escalation.** Written request 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 B shall be primarily responsible for carrying out the Services on behalf of the Consultant. The Key Project Personnel shall not be changed without the Village's prior written approval.

B. **Availability of Personnel.** The Consultant shall provide all personnel necessary to complete the Services including, without limitation, any Key Project Personnel identified in this Agreement. The Consultant 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 Consultant 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.

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SECTION 4. PERSONNEL SUBCONTRACTORS (cont.)

C. **Approval and Use of Subcontractors**. The Consultant 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 in writing. All subcontractors and subcontracts used by the Consultant shall be acceptable to, and approved in advance by, the Village. The Village's approval of any subcontractor or subcontract shall not relieve the Consultant 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 Consultant. For purposes of this Agreement, the term "Consultant" shall be deemed also to refer to all subcontractors of the Consultant, 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 Consultant shall immediately upon notice from the Village remove and replace such personnel or subcontractor. The Consultant shall have no claim for damages, for compensation in excess of the amount contained in this Agreement of 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 Consultant from a source other than the Village prior to the time of disclosure of said information to the Consultant 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 Consultant or the Village; or (iv) to have been supplied to the Consultant 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 Consultant**. The Consultant 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 Consultant shall hold confidential all Confidential Information and shall not disclose or use such Confidential Information without express prior written consent of the Village. The Consultant shall use reasonable measures at least as strict as those the Consultant uses to protect its own confidential information. Such measures shall include, without limitation, requiring employees and subcontractors of the Consultant to execute a non-disclosure agreement before obtaining access to Confidential Information.

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SECTION 6. WARRANTY; INDEMNIFICATION; INSURANCE

A. **Warranty of Services.** The Consultant warrants that the Services shall be performed in accordance with the standards of professional practice, care, and diligence practiced by recognized consulting firms in performing services of a similar nature in existence at the Time of Performance (Section 2.C), 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. **Indemnification**. The Consultant shall, without regard to the availability or unavailability of any insurance, either of the Village or the Consultant, indemnify and save harmless the Village, and its officials, employees, and authorized agents against any and all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, and judgments to the extent arising out of the Consultant's negligence, willful misconduct, or other legal cause of the Village, its officials, employees and authorized agents, following final award by a court of competent jurisdiction. If any judgment shall be rendered against the Village, its officials, authorized agents and employees in any such action, the Consultant shall, at its own expense, satisfy the discharge of the same. TO THE FULLEST EXTENT PERMITTED BY LAW, IN NO EVENT SHALL EITHER PARTY BE LIABLE TO THE OTHER FOR ANY INDIRECT, INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES WHATSOEVER ARISING OUT OF OR RELATED TO THIS AGREEMENT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

C. **Insurance.** Contemporaneous with the Consultant's execution of this Agreement, the Consultant shall provide certificates and policies of insurance, all with coverages and limits as set forth in Exhibit C to this Agreement. Such certificates and policies shall be in a form acceptable to the Village and from companies with a general rating of A minus, and a financial size category of Class X or better, in Best's Insurance Guide. Such insurance policies shall provide that no change, modification in, or cancellation of, any insurance shall become effective until the expiration of 30 calendar days after written notice thereof shall have been given by the insurance company to the Village. The Consultant shall, at all times during the term of this Agreement, maintain and keep in force, at the Consultant's expense, the insurance coverages provided above, including, without limitation, at all times while correcting any failure to meet the warranty requirements of Subsection 6.A., Warranty of Services, of this Agreement.

D. **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 Consultant as the result of the execution of this Agreement.

E. **Kotecki Waiver**. In addition to the requirements set forth above, the Consultant (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. Consultant agrees to indemnify and defend the Village from and against damage or injury which the Village may sustain as a result of personal injury claims by Consultant's employees, except to the extent those claims arise as a result of the Village's own negligence

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SECTION 7. CONSULTANT AGREEMENT GENERAL PROVISIONS.

A. **Relationship of the Parties**. The Consultant 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 Consultant; or (ii) to create any relationship between the Village and any subcontractor of the Consultant.

B. **Conflict of Interest.** The Consultant represents that, to the best of its knowledge, (1) no Village employee or agent is interested in the business of the Consultant or this Agreement; (2) as of the date of this Agreement neither the Consultant nor any person employed or associated with the Consultant has any interest that would conflict in any manner or degree with the performance of the obligations under this Agreement; and (3) neither the Consultant nor any person employed by or associated with the Consultant shall at any time during the term of this Agreement obtain or acquire any interest that would conflict in any manner or degree with the performance of the obligations under this Agreement.

C. **No Collusion**. The Consultant represents and certifies that the Consultant 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 Consultant 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 Section11-42.1-1 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 1LCS 5/33E-1 et seq. The Consultant 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 Consultant has, in procuring this Agreement, colluded with any other person, firm, or corporation, then the Consultant 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 Consultant certifies that it has a written sexual harassment policy in full compliance with Section 2-105(A)(4) of the Illinois Human Rights Act, 775 ILCS 512-105(A)(4).

E. **Termination**. Notwithstanding any other provision hereof, the Village may terminate this Agreement, without cause, at any time upon 15 calendar days prior written notice to the Consultant. In the event that this Agreement is so terminated, the Consultant 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.

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SECTION 7. CONSULTANT AGREEMENT GENERAL PROVISIONS (cont.)

G. **Compliance with Laws and Grants.** Consultant shall give all notices, pay all fees, and take all other action that may be necessary to ~~provided, performed~~, and complete 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. Consultant shall also comply with all conditions of any federal, state, or local grant received by Village or Consultant with respect to this Agreement or the Services. Consultant 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 Consultant'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 it should appear at any time that the Consultant 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 Consultant'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 Consultant.** The Village may require the Consultant, 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 Consultant and the Services into compliance with this Agreement.

2. **Termination of Agreement by Village.** The Village may terminate this Agreement compensating Consultant for Services performed in accordance with 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 Consultant, direct costs incurred by the Village as the result of any Event of Default by the Consultant or as a result of actions taken by the Village in response to any Event of Default by the Consultant, provided that Consultant is notified by the Village, in writing, of any such Default within a reasonable period after discovery thereof, but in no event later than 90 days after Consultant's completion or termination of the Services.

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SECTION 7. CONSULTANT AGREEMENT GENERAL PROVISIONS (cont.)

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 Consultant or with any vendor solicited or recommended by the Consultant.

J. **Village Board Authority**. Notwithstanding any provision of this Agreement, any negotiations, or agreements with, or representations by the Consultant to vendors shall be subject to the approval of the Village Board of Trustees. The Village shall not be liable to any vendor or other third party for any agreements made by the Consultant, purportedly on behalf of the Village, without the knowledge and approval of the Village Board of Trustees.

K. **Mutual Cooperation**. The Village agrees to cooperate with the Consultant in the performance of the Services, including meeting with the Consultant and providing the Consultant with such confidential and non-confidential information that the Village may have that may be relevant and helpful to the Consultant's performance of the Services. The Consultant agrees to cooperate with the Village in the performance of the Services to complete the Work and with any other consultants engaged by the Village.

L. **News Releases**. The Consultant shall not issue any news releases or other public statements regarding the Services without prior approval from the Director. 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 Consultant 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 Consultant shall cause the Documents to be promptly delivered to the Village, in original format or a suitable facsimile acceptable to the Village

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SECTION 7. CONSULTANT AGREEMENT GENERAL PROVISIONS (cont.)

N. **Joint Purchasing/Purchasing Extension.** The purchase of services pursuant to the terms of this Agreement shall also be offered for purchases to be made by other Village, as authorized by the Governmental Joint Purchasing Act, 30 ILCS 525/0.01, et seq. (the "Act"). All purchases and payments made under the Act shall be made directly by and between each municipality and the Consultant. The Consultant agrees that the Village shall not be responsible in any way for purchase orders or payments made by the other Village. The Consultant further agrees that all terms and conditions of this Agreement shall continue in full force and effect as to other Village during the extended term of this Agreement.

The Consultant and the other Village may negotiate such other and further terms and conditions to this Agreement ("Other Terms") as individual projects may require. In order to be effective, Other Terms shall be reduced to writing and signed by a duly authorized representative of both the Consultant and the other municipality.

The Consultant shall provide other Village with all documentation as required in the Request for Qualifications, and as otherwise required by the Village including, but not limited to:

- Certificate of insurance naming each additional municipality as an additional insured

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 Consultant 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

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SECTION 8. GENERAL PROVISIONS (cont)

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 consultant 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: pbrankin@schainbanks.com

With a copy to

Law Firm.
Street
City, State, Zip
Attention:
Email:

Notices and communications to the Consultant shall be addressed to, and delivered at, the following address:

AECOM Technical Services, Inc. ("Consultant")
130 E. Randolph Street, Suite 2400 , Chicago, IL 60601
Attn: Chad Laucamp
Telephone: 312-373-7700
Email: Chad.Laucamp@aecom.com

SECTION 8. GENERAL PROVISIONS (cont)

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E. **Third Party Beneficiary.** No claim as a third-party beneficiary under this Agreement by any person, firm, or corporation other than the Consultant 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. Notwithstanding the foregoing, this is not a warranty guarantee and in no event will consultant be responsible for damages due to delays beyond Consultant's reasonable control.

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 Consultant 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, Exhibit B, and Exhibit C 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. **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.

N. **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.

O. **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.

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SECTION 8. GENERAL PROVISIONS (cont)

P. **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.

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: _____

AECOM Technical Services, Inc.

By: Chad R. Laucamp, P.E.

Title: Associate Vice President

Date: December 8, 2025

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Exhibit A.
Agreed Upon Pricing Structure

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Exhibit A.
Agreed Upon Pricing Structure

4.0 Project Costs

Our fee to complete the RRA and ERP reports will not exceed **$114,180.00** without further authorization, which is based on an anticipated 598 labor hours for the project team. The following table breaks down the tasks required to complete this project along with the fee required to complete the tasks.

	Description	Hours	Fee
Task 1: Project Initiation and Kickoff Meeting			
a	Project Setup and Prepare Work Plan Document	12	$2,520
b	Request and Review Background Information	12	$2,520
	Subtotal for Task 1:	**24**	**$5,040**
Task 2: Risk and Resilience Assessment (J100)			
a	Project Kickoff Meeting and Site Visits	32	$6,240
b	Threat Meeting and TA Workshop (Workshop #1)	28	$5,460
c	Prepare for and Conduct Interviews with other Village Departments (Finance, IT)	16	$3,120
d	Cybersecurity Assessment	38	$7,410
e	Baseline Risk Calculations for TA Pairs	50	$9,750
f	Workshop #2: Baseline Risk Results	28	$5,460
g	Draft Assessment Report	150	$29,250
h	Client Review of Draft RRA Report and Comment Review Discussion	12	$2,340
i	Final Assessment Report	32	$6,240
j	Assessment Report Certified	2	$390
	Subtotal for Task 2:	**388**	**$75,660**
Task 3: Emergency Response Plan Update			
a	Prepare Draft ERP Outline and Conduct ERP Workshop	28	$5,040
c	ERP Draft Report Development	120	$21,600
d	Client Review of Draft ERP and Comment Review Discussion	8	$1,440
e	Final ERP Report	28	$5,040
f	ERP Report Certified	2	$360
	Subtotal for Task 3:	**186**	**$33,480**
	Grand Total:	**598**	**$114,180**

It should be noted that the above costs are based on a maximum of 40 TA pairs that will undergo a detailed CVT analysis in accordance with the J100 methodology. Electric copies of each final report will be provided to the Village using a secured transmittal portal.

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Exhibit B.
Description of Work

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AECOM
130 E. Randolph Street
Suite 2400
Chicago, IL 60601
www.aecom.com
312-373-7700 tel
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October 22, 2025

Mr. Chris Krase
Public Works Superintendent
Village of Buffalo Grove
51 Raupp Boulevard
Buffalo Grove, IL 60089

Reference: Proposal to Provide a Risk and Resilience Assessment (RRA) and Emergency Response Plan (ERP) Update for the Village of Buffalo Grove Water System

Dear Mr. Krase:

Per your request, AECOM Technical Services, Inc. (AECOM) is pleased to present this Proposal to provide engineering services for the subject project. In the past, AECOM has delivered Risk and Resilience Assessments (RRA's) in accordance with the America's Water Infrastructure Act of 2018 (AWIA) for over 30 water systems throughout the Midwest. In addition, we recently delivered the Buffalo Grove's Water System Facility Plan in 2023 and have continually performed miscellaneous hydraulic modeling tasks for the Village, and we look forward to continuing our successful partnership.

1.0 Project Understanding

The Village of Buffalo Grove receives water from the Northwest Water Commission at four (4) separate receiving stations that each consist of a pumping station and ground storage reservoirs (7.5 MG combined capacity). In addition, the Village maintains four (4) deep aquifer wells (Nos. 1, 2, 6 and 7) for emergency and standby use. The distribution system includes approximately 180 miles of water mains varying from 6-inch to 24-inch diameter in size. The Village has a population of approximately 44,000 and is required under the America's Water Infrastructure Act (AWIA) to have a RRA completed no later than June 30, 2026.

AECOM performed a RRA (called a vulnerability assessment at that time) for the Village water facilities in 2004. This previous RRA was based on the RAM-W methodology and summarized the critical assets and vulnerabilities based on the physical protection system effectiveness at the time of the evaluation. Following the 2004 assessment, security upgrades were performed at facilities based on the recommendations developed in the report. In addition, the Village and AECOM jointly performed an emergency response plan (ERP) in 2004 that provided response, recovery and remediation actions in response to various incidents. The Village had a new RRA completed in 2020 and new ERP completed in 2021, both completed by others. It is noted that

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the Vulnerability Self-Assessment Tool (VSAT) a was used for this previous RRA analysis and report, which is an approach that is typically suited for smaller systems.

It is our understanding that the Village is requesting to have a RRA performed in accordance with the methodologies outlined in the ANSI/AWWA J100-21: Risk Analysis and Management for Critical Assets Protection (RAMCAP) for Risk and Resilience Management of Water and Wastewater Systems (J100). Our RRA document will incorporate any new facilities and updates to the system over the past 5 years. In addition, it is our understanding that the Village wishes to have an update performed for their existing ERP document from 2021 that incorporates findings from the RRA and utilizes best emergency preparedness practices. Key aspects of our proposed approach are provided in the following section.

2.0 Scope of Services

AECOM's risk assessment services are solidly founded on security and preparedness best practices, industry standards, and state and federal laws. We embrace the all-hazards approach to risk assessment that acknowledges the importance of considering not only malevolent threats, but also hazards resulting from natural disasters, interdependencies, and proximity. The AECOM team is committed to meeting all services required to provide the Village with a complete risk assessment update for the water system, which will be based on our proven approach that is compliant with the America's Water Infrastructure Act (AWIA) and in accordance with the USEPA's guidelines.

The sub-sections that follow describe our technical approach that comprise the following milestone tasks:

- Task 1 – Project Initiation and Work Plan Preparation
- Task 2 – Risk and Resilience Assessment
- Task 3 – Emergency Response Plan

Task 1 – Project Initiation and Work Plan Preparation

Advanced planning and preparation are very important to the efficient execution of this project. Within three (3) weeks following notice of award, the AECOM team will provide the Village with a Work Plan that describes the assessment team's proposed approach, anticipated work activities/milestones identified, and a proposed project schedule. Prior to the initial workshop, the AECOM team will work with the Village to collect background material available to characterize the water system. For the AECOM team to sufficiently re-familiarize themselves with this system and formulate a represented list of critical assets to greatly improve the efficiency of the initial workshop, the following information is requested:

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- Overview of security improvements at system facilities and breakdown of assets for each facility (updates since previous report)
- Water distribution system maps (updates since previous report) that might be useful in addition to the GIS/hydraulic model information that AECOM already has on file
- Recent planning studies or reports

Task 2 – Risk and Resilience Assessment

The Risk and Resilience Assessment (RRA) task will be conducted using the AWWA J100-10 (R13) Risk and Resilience Management of Water and Wastewater Systems standard. The J100 methodology is comprised of seven (7) steps designed to evaluate the risk and resilience of a water utility to malevolent threats and hazards caused by natural disasters, interdependencies, and proximity. The process also provides a quantitative method for evaluating alternative countermeasures and mitigation measures to ensure that limited resources are allocated to corrective measures that result in the highest Net Benefits and highest Benefit / Cost Ratios. Figure 1 illustrates the J100 steps grouped in the order in which we will execute them.

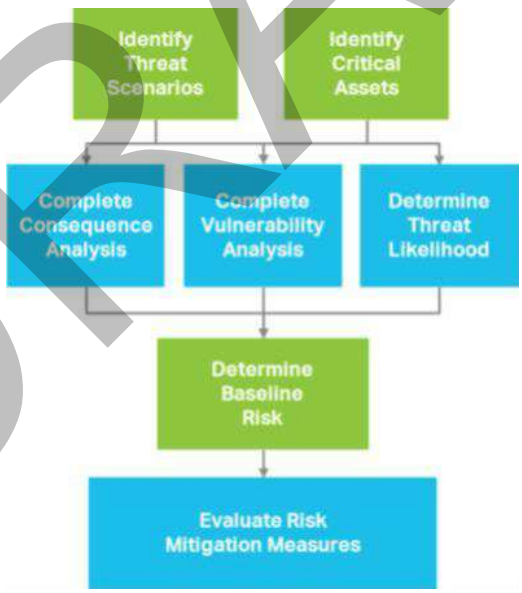

Figure 1 – J100 Steps Grouped as Executed

As required by J100 and the AWIA, the RRA will use an all-hazards approach that evaluates, at a minimum, the following threats and hazards:

- Malevolent threats
- Process sabotage
- Diversion or theft

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- Cyber sabotage
- Maritime, air, land (boat, plane, or vehicle as a weapon)
- Assault teams
- Contamination of product
- Natural hazards
- Dependency hazards (e.g., utilities, suppliers, employees)
- Proximity hazards (e.g., nearby railroads, hazardous chemical storage facilities)

Project Kick-Off Meeting and Site Visits: The purpose of the Project Kickoff Meeting segment will be to re-affirm project objectives, review the project schedule, discuss preferred communication methods, and provide an overview for Village staff on the risk assessment methodology. Careful planning and preparation is critical to the success of any project, and the activities in this task are structured such that Village staff and AECOM will be well-coordinated from the beginning. A PowerPoint presentation will be used to facilitate this meeting that is anticipated to be conducted in-person. Since this assessment is an update, we anticipate that the Kickoff Meeting can all be accomplished within a 1-hour timeframe.

The AECOM team will conduct a site visit to the Public Works Building and one (1) representative pump station site. The purpose of this site visit will be to:

- Conduct a Site Visit Overview meeting with all stakeholders
- Gather and review background documents not previously provided
- Identify threat scenarios and critical assets
- Estimate consequences for disruption of service scenarios
- Evaluate existing countermeasures

During the site visit, AECOM will visit critical assets and interview key staff about the system assets, including potential for separate discussions with other Village staff (Finance, IT). It is anticipated that appropriate Village staff will accompany AECOM staff during these site visits.

Since AECOM is familiar with Village facilities, we anticipate that the site visits can be conducted within a 3 to 4-hour timeframe and to take place the same day as the Kickoff Meeting for efficient use of Village staff time.

Threat Meeting and T-A Pair Workshop (Workshop #1): In the step to identify threat scenarios, we will select the credible threats and hazards that would likely result in the most significant consequences to each critical asset. To confirm threat selections, we propose to lead a Threat Meeting in order to gather information necessary to determine the credible threats and hazards to the Village (to be conducted the same day as the T-A Pair Workshop). We will work with Village staff to identify who should be represented at the threat meeting, including

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consideration for local law enforcement, and local emergency management agencies. We anticipate that the Threat Meeting can all be accomplished within a 1-hour timeframe.

For the T-A Pair Workshop, the AECOM team will engage Village stakeholders to prioritize the T-A pairs in accordance with J100-21, based on worst reasonable potential threats and consequences. In addition, we will work with Village staff to identify the threshold at which to bottom-cut low priority T-A pairs in accordance with the J100-21 methodology. In the Village's 2020 report, there were a total of 70 T-A pairs that were identified. Based on our experience working with similar size and type of water systems, it is recommended that only the top 40 T-A pairs identified are selected to ensure that each is sufficiently analyzed, which we have based our scope of work. Since this assessment is an update, we anticipate that the T-A Pair Workshop can all be accomplished within a 2 to 3-hour timeframe and will take place the same day as Workshop #1 for efficient use of Village staff time.

Baseline Risk Calculations for T-A Pairs: Based on the high priority T-A pairs identified in Workshop #1, the AECOM team will next review the consequence, vulnerability, and threat likelihood (CVT) for T-A pairs, and conduct CVT analysis for new T-A pairs using J100-21 standards and the PARRE software platform. Most of the information required for these calculations will be gathered during the initial workshop; however, additional data gathering and interviews may be required, and scheduled through the Village project manager accordingly. Standardized methodologies and assumptions for baseline risk calculations used on past RRA projects by the AECOM team will be utilized, unless directed otherwise, and the results of the analyses will be presented in a transparent manner so that Village staff can informatively review and request revisions.

For the consequence calculations, information related to facility/asset valuations for the Village water system, if available, is useful for the assessment team in estimating asset repair/replacement costs. It should be noted that AECOM has developed a baseline of replacement costs for various types of water facilities based on past RRA projects, which are expected to be utilized for this task. In addition, AECOM will use relevant information from the Water System Facility Plan that was completed in 2023.

The goal of the vulnerability analysis step is to analyze the effectiveness of existing countermeasures and mitigation measures to prevent predicted consequences if a threat or hazard occurs. For malevolent threats, vulnerability is the probability that the perpetrator is successful. For natural hazards, dependency hazards, and proximity hazards, vulnerability is the likelihood that, given the hazard occurs, the estimated consequences will result.

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The threat likelihood is an estimate of the likelihood that a particular threat or hazard will occur. This is calculated using the Best Estimate Method, which is based on the historical frequency of similar events such as hurricanes or sabotage, or the Proxy Measure Method, which is a method to estimate the likelihood of a terrorist-related threat.

The CVT values for each selected T-A pair will be entered and the baseline risk will be calculated using the equation: **R (Risk) = C * V * T.** The results from PARRE will then be exported and organized into an Excel workbook with separate tabs for C, V, T and R that detail the basis of the calculations. These initial findings will be submitted to AW in advance of Workshop #2.

Workshop #2: Baseline Risk Results: The purpose of this workshop is to present the baseline risk results to Village staff with a focus on the top 15-20 T-A pairs by risk and financial totals. The analysis will be broken down for several T-A pairs to provide insight into the analysis and an opportunity for questions and clarification. A PowerPoint presentation will be used to facilitate this meeting using MS Teams (Virtual Meeting).

Based on feedback received during Workshop #2, the AECOM team will revise the risk calculations, as needed, and send Village staff updated risk results spreadsheets to make sure all comments are satisfactorily addressed. Next, the AECOM team will evaluate various risk reduction alternatives to develop recommendations and a mitigation strategy for the Village's water system. Risk management recommendations will be detailed in the draft report for review to streamline the process and Village staff involvement.

Risk Assessment Report: Based upon the consensus decisions reached during the workshops, the assessment team will compile the information and findings, prepare and distribute a draft risk assessment report to Village staff. The report will build upon what was prepared and established in the 2020 RRA (as applicable), and will include the following:

- A summary of the methodology
- A description of the system assets and threats
- The results of the risk analysis
- Blast radius figures used as basis for consequence calculations
- A summary of the baseline risk analysis results
- Industry best practices and benchmarking of Village to other similar sized utilities
- Risk reduction recommendations and implementation strategy to include cost-effective and/or maximum benefit grouping and priorities
- Summary of basis for utility resilience index (URI) calculations

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The report will be prepared in draft and final versions with the opportunity for intermediate Village staff review and comment. All comments will be addressed in the final versions.

RRA Exceptions and Assumptions: Provided below is a summary of exceptions and clarifying assumptions to the scope of work for the Risk and Resilience Assessment:

- Village staff provides sufficient background information at least 2 weeks prior to Workshop 1 for the AECOM project team to formulate an initial list of critical assets.
- Two (2) workshops to be conducted with Village staff are proposed for this project: Workshop #1 (Threat Meeting and T-A Pair Workshop) will be conducted in-person; and Workshop #2 (Baseline Risk Results) will be conducted virtually via MS Teams.
- This proposal is based on a detailed J100-21 analysis performed for 40 T-A pairs for the Village's water system; additional T-A pairs can be evaluated for an additional cost.
- The proposed scope of services does not include J100 Step 7, Risk and Resilience Management since it is not required by AWIA. This step involves the development of planning level cost estimates for countermeasures and quantitative risk metrics for risk mitigation such as gross benefit, net benefit, and benefit/cost ratio for each T-A pair.

Task 3 – Emergency Response Plan

The Village's ERP will be updated using industry best practices and guidance, including ANSI/AWWA G440 Emergency Preparedness Practices, AWWA M19, and WRF/EPA/AWWA Business Continuity Planning for Water Utilities. This task will be performed concurrently with the Risk Assessment task as shown in the schedule.

The AECOM team will develop an annotated outline of the proposed ERP. This outline will incorporate the threats and hazards identified in the Risk Assessment, industry guidance, and lessons learned from our extensive experience with ERP development. The annotation will denote key points and components of the outline in need of discussion by the joint Village/AECOM project team. An Outline Review Meeting will then be held to receive comments and input on the outline from Village staff, which will be combined with the RRA Workshop #1 to minimize the number of meetings that Village staff must attend.

Concurrent with the delivery of the outline, our team will provide the Village with an initial list of questions and technical information needed for the development of the ERP. While our team members are experts in the development of ERPs, this ERP must be customized to the specific conditions and needs of the Village to maximize its effectiveness. There will likely be additional follow-up requests for background documents and supporting information as the ERP is developed.

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Following development and concurrence on the outline, the AECOM team will develop the Draft ERP. The report will build upon what was prepared and established in the 2021 ERP (as applicable). Current recommended best practices that we anticipate incorporating into the ERP include:

- A focus on resilience and all-hazards preparedness
- Pre-incident preparedness for response and recovery from threats and hazards
- Inclusion of employee safety provisions
- Inclusion of threats and hazards as identified during the RRA, including emerging threats, such as cyber-attacks and active shooters
- Incorporation of the National Incident Management System (NIMS), particularly the Incident Command System (ICS)
- Appropriate utility staff inclusion, engagement, and training, including other local agencies as needed
- Incorporation of mutual aid, including consideration of Illinois Water/Wastewater Agency Response Network (ILWARN)
- Adequate provisions for effective internal and external communications, including a media/ press release template

Following submittal of the Draft ERP, Village staff will be provided the opportunity for review and comment. A review meeting will be held to receive comments and input from Village staff. All comments will be addressed in the final version.

3.0 Organization Chart (Project Staffing Plan)

The following is a brief overview of our proposed project team. Chad Laucamp has proven project management experience for Village projects including successful completion of the 2023 Water System Facility Plan and has been responsible for delivering over 50 RRA and ERP projects for various clients over the past 20 years. Omar Yassin has significant experience leading tasks for 30 RRA and ERP projects over the past 5 years and has developed a proven approach to data analysis and workshop facilitation. Heidi Gilmore has performed training and quality assurance tasks on numerous RRA projects and will be responsible for ensuring that deliverables are accurate, consistent and complete. Jason Upole has performed Cybersecurity and business system reviews for multiple systems and will be able to supplement the cyber portions of the RRA and ERP. Will Grafft has performed data analysis and report development for RRA projects and will be able to assist in executing all necessary tasks throughout the project. We can submit resumes if you desire.

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Name	Project Title	Years of Experience	Education
Chad Laucamp, P.E.	Project Director	27	MS/Env.E; BS/CE
Omar Yassin, P.E.	Project Manager / Risk and Resilience Specialist	7	BS/CE
Heidi Gilmore, P.E.	Project Advisor / QA/QC	26	MS/Env.E; BS/CE
Jason Upole, CISSP	Cyber Security	22	BS/MS
Will Grafft	Data Analyst	3	BS/CE

4.0 Project Costs

Our fee to complete the RRA and ERP reports will not exceed **$114,180.00** without further authorization, which is based on an anticipated 598 labor hours for the project team. The following table breaks down the tasks required to complete this project along with the fee required to complete the tasks.

	Description	Hours	Fee
Task 1: Project Initiation and Kickoff Meeting			
a	Project Setup and Prepare Work Plan Document	12	$2,520
b	Request and Review Background Information	12	$2,520
	Subtotal for Task 1:	**24**	**$5,040**
Task 2: Risk and Resilience Assessment (J100)			
a	Project Kickoff Meeting and Site Visits	32	$6,240
b	Threat Meeting and TA Workshop (Workshop #1)	28	$5,460
c	Prepare for and Conduct Interviews with other Village Departments (Finance, IT)	16	$3,120
d	Cybersecurity Assessment	38	$7,410
e	Baseline Risk Calculations for TA Pairs	50	$9,750
f	Workshop #2: Baseline Risk Results	28	$5,460
g	Draft Assessment Report	150	$29,250
h	Client Review of Draft RRA Report and Comment Review Discussion	12	$2,340
i	Final Assessment Report	32	$6,240
j	Assessment Report Certified	2	$390
	Subtotal for Task 2:	**388**	**$75,660**
Task 3: Emergency Response Plan Update			
a	Prepare Draft ERP Outline and Conduct ERP Workshop	28	$5,040
c	ERP Draft Report Development	120	$21,600

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Description		Hours	Fee
d	Client Review of Draft ERP and Comment Review Discussion	8	$1,440
e	Final ERP Report	28	$5,040
f	ERP Report Certified	2	$360
	Subtotal for Task 3:	**186**	**$33,480**
	Grand Total:	**598**	**$114,180**

It should be noted that the above costs are based on a maximum of 40 TA pairs that will undergo a detailed CVT analysis in accordance with the J100 methodology. Electric copies of each final report will be provided to the Village using a secured transmittal portal.

5.0 Project Schedule

AECOM understands the importance of completing the RRA ERP update for the Village of Buffalo Grove's water system in an accurate and timely manner. Our experienced team will identify critical decisions early to enable timely feedback and achieve consensus with Village stakeholders in the workshops. Assuming a Notice-to-Proceed of November 1, 2025, AECOM proposes to complete the work no later than April 30, 2026 (EPA 5-Year Recertification Deadline for the Village's system is June 30, 2026).

Thank you for the opportunity to prepare this Proposal for this important project. We would be happy to meet with you to discuss our scope of work further and provide any modifications to the scope, as needed, to better suit the Village of Buffalo Grove.

AECOM proposes to perform the scope of work under our standard contract with the Village. If this proposal is acceptable, please authorize AECOM to perform this work by executing a contract referring to this proposal. AECOM must receive the contract referring to this proposal before work can begin.

Very truly yours,

AECOM TECHNICAL SERVICES, INC.

Chad R. Laucamp, P.E.
Associate Vice President

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EXHIBIT C. Insurance

Consultant 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 Consultant, his agents, representatives, employees or subcontractors.

A. Scope of Insurance: Coverage shall be as follows:

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

1. Insurance Services Office Commercial General Liability occurrence form CG 0001 with the Village included 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.

B. Limits of Insurance: Consultant shall maintain the following limits of insurance:

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, $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. Professional Liability coverage: $1,000,000 per claim and in the aggregate.

C. Deductibles and Self-Insured Retentions

Consultant shall be solely responsible for its deductibles and self-insured retentions.

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D. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverages:
    a. The Village, its officials, authorized agents, and employees are to be covered as insureds as respects: liability arising out of activities performed by or on behalf of the Consultant; products and completed operations of the Consultant; premises owned, leased or used by the Consultant; or automobiles owned, leased, hired or borrowed by the Consultant. The coverage shall contain no special limitations on the scope of protection afforded to the Village, its officials, authorized agents, and employees.
2. Except for Professional Liability coverage, the Consultant'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 Consultant'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. Except for Professional Liability coverage, the Consultant's insurance shall contain a Severability of Interests/Cross Liability clause or language stating that Consultant'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 Consultant shall be required to name the Village, its officials, employees, agents and volunteers as additional insureds
6. Except for Professional Liability coverage, all general liability coverages shall be provided on an occurrence policy form. Claims-made general liability policies will not be accepted.
7. The Consultant 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 Consultant 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. 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 or authorized to do business in the State of Illinois.

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G. Verification of Coverage

Consultant shall furnish the Village with certificates of insurance including the Village, its officials, authorized 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

Consultant shall require all subcontractors to procure and maintain in accordance with this contract and 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. Intentionally deleted.

J. 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 Consultant for the municipality.

K. Failure to Comply

In the event the Consultant 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 Consultant.

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ORDINANCE 2026-xxx

AN ORDINANCE AUTHORIZING THE VILLAGE TO EXECUTE A CONTRACT WITH AECOM TECHNICAL SERVICES, INC., TO UPDATE THE VILLAGES RISK AND RESILIENCE ASSESSMENT AND EMERGENCY RESPONSE PLAN

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

WHEREAS the Village seeks to authorize the Village Manager to execute a contract with AECOM Technical Services, Inc. to update the Village's Risk & Resiliency Assessment and Emergency Response Plan, subject to final review and approval by the Village Attorney,

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 AECOM Technical Services, Inc. for a price not to exceed $114,118.00 to update the Village's Risk & Resiliency Assessment and Emergency Response Plan, subject to final 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: _____, 2026
APPROVED: _____, 2026
PUBLISHED: _____, 2026

ATTEST: APPROVED:

_____ _____
Janet M. Sirabian, Village Clerk Eric N. Smith, Village President

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AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 9.a. O-2026-6

Ordinance Approving an Amendment to the Planned Development and Preliminary Plan and Approval of a Sign Package with Variations for Chase Plaza at 1160 Lake Cook Road

Contacts

Liaison: Trustee Ottenheimer
Staff: Nicole Woods

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve Ordinance approving an amendment to the Planned Development and Preliminary Plan and approval of a sign package with Variations for Chase Plaza at 1160 Lake Cook Road.

Summary

See attached memorandum.

Strategic Alignment

Guiding Principle

Principle 3: Plan and Invest in the Future

Goal

Goal 2: Enhanced, beautiful, safe and sustainable neighborhoods

File Attachments

1. Memo - Chase Plaza - 1160 Lake Cook
2. DRAFT Ordinance - Chase Plaza - 1160 Lake Cook
3. DRAFT Ordinance - Exhibit B. Plan Set
4. DRAFT Ordinance - Exhibit C. DRAFT PZC Minutes - Dec 17, 2025

MEMORANDUM

DATE:	January 5, 2026
TO:	Village Manager Dane Bragg
FROM:	Nicole Woods, Community Development Director Kelly Purvis, Deputy Community Development Director
SUBJECT:	1160 Lake Cook Road –Chase Plaza– An amendment to the Planned Development and Preliminary Plan to accommodate new uses on the site and approval of a sign package with sign variations.

RECOMMENDATION

Staff recommends approval of an amendment to the Planned Unit Development and Preliminary Plan approved by Ordinance No. 84-028, and approval of a sign package with Variations to the Sign Code for the redevelopment of Chase Plaza at 1160 Lake Cook Road, subject to the conditions in the attached Ordinance.

Figure 1. Chase Plaza redevelopment site

PROJECT BACKGROUND

Shorewood Development Group (SDG Lake Cook, LLC) has the former Dominick's property and the adjacent outlot parcel in Chase Plaza under contract (see Figure 1.). SDG is requesting an amendment to the Planned Unit Development and Preliminary Plan approved by Ordinance No. 84-028, and approval of a sign package with Variations to the Sign Code to allow the current Dominick's space to be redeveloped into two tenant spaces, one for a 34,500 square foot health club while the remaining 27,000 square feet will be reserved for general retail uses. The project would include an update to the façade for the two-tenant spaces, new signage, lighting and landscaping, and a redesign of the parking lot. SDG is also requesting that the PUD be amended to allow restaurants with drive-throughs as future uses within the shopping center.

The above represents the first phase of SDG's multi-phased plan to transition Chase Plaza and its adjacent properties into a larger mixed-use development. Future phases of the development will be brought to the PZC and Village Board for consideration of the plans and appropriate approvals.

LAKE COOK CORRIDOR MARKET STUDY AND PLAN

The subject property is located on the western gateway to the 475-acre Lake Cook Corridor. The Lake Cook Corridor Market Study and Plan (LCCP), represents a community-driven vision and plan for the Corridor. In 2018, Buffalo Grove adopted the LCCP as a component of the Village's Comprehensive Plan. As a long-term vision, the plan provides a framework for the type and character of development that

could occur in the Corridor, rather than a specific development plan. The framework is meant to be flexible to accommodate changing market demands and community needs.

Chase Plaza and Town Center were highlighted as critical catalyst sites in the LCCP, as underutilized properties that could initiate transformation within the Corridor. Chase Plaza is envisioned to retain a traditional retail center format, but be modernized to best optimize visibility from Lake Cook Road and Arlington Heights Road. The proposed plan upholds this vision for Chase Plaza.

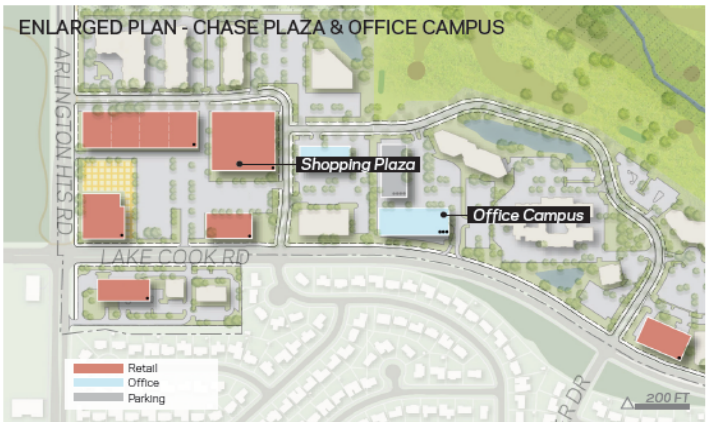


Figure 2. Chase Plaza & Office Campus Plan, LCCP

PLANNING & ZONING ANALYSIS

The development will consist of two primary components under a unified site plan: a 34,500 square foot state of the art fitness and wellness center (Club Studio) and 24,000 square feet of general retail space designed to accommodate local and national tenants. The 2009 Comprehensive Plan and the LCCP designate the site for commercial use. Health clubs under 10,000 square feet and general retail uses are permitted in the B-2 District. Since the proposed health club is approx. 34,500 square feet, the use will need to be considered as part of the amendment to the PUD.

Uses and Operations

Club Studio will feature a traditional fitness features and operations as well as and ancillary services (physical therapy, smoothie bar, etc.), and will operate on a membership-based model. The hours of operation are anticipated to be Monday – Friday from 5:00am – 10:00pm and Saturday – Sunday 7:00am – 8:00pm. Staffing is anticipated to be 15-25 full-time and part-time staff members.

While tenant selection has not been finalized, the retail tenant's hours would be standard commercial operating hours for the Village, and any deliveries to the site would be restricted to business hours to avoid noise disruption to adjacent properties.

An amendment to the PUD Ordinance is proposed to allow future drive-throughs within the Chase Plaza shopping center. While a tenant has not been selected for the outlot parcel along Lake Cook Road, the developer would like the option to market the site for a drive-through use. Drive-through uses are not permitted per the current PUD Ordinance. If and when SDG would like to construct a drive-through on the site, they will need to submit the appropriate plans and applications (Special Use, Preliminary Plan, PUD amendment) for Commission and Board consideration. Staff is in favor of this amendment as the site has high traffic counts and roadway visibility and would be well suited for a drive-through use.

Building Elevations & Site Improvements

The building façade will be updated in a neutral color pallet with modern materials. It is anticipated that the west end of the shopping center along Arlington Heights Road (under different ownership) will be updated as part of a later phase of the development.

Figure 3. South Building Elevation

Signage

SDG is proposing a sign package which includes new wall signs over the tenant spaces and the removal and replacement of the two free-standing signs for the shopping center. One wall sign is proposed for the Club Studio space, while one primary and four ancillary signs are proposed for the retail tenant space. The sizes and areas for all the wall signs are compliant with Code requirements; however a variation is needed to allow more than one sign per tenant space.

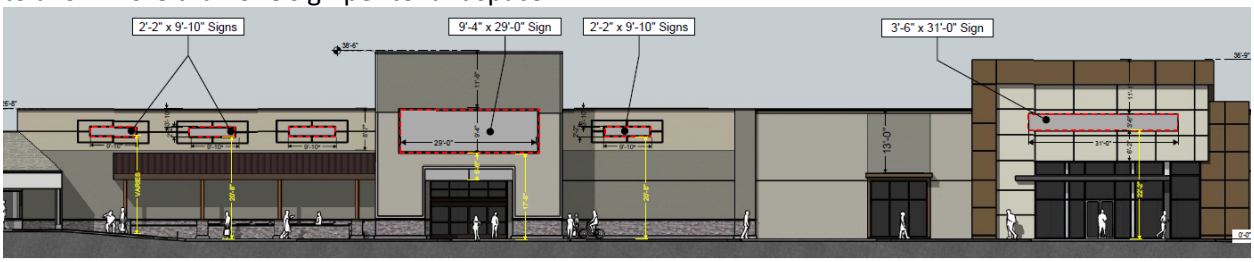


Figure 4. South Building Elevation with Proposed Signage

An additional variation from the Sign Code is needed to allow two free-standing signs while only one is permitted. The signage does not exceed the maximum square footage for the site, and the sign package is similar to other recent commercial developments such as The Clove and the Shoppes at Buffalo Grove.

Traffic & Accessibility

The traffic impact memo includes traffic generation tables showing the prior uses on the site (when it was occupied) compared to those that are proposed. The data indicates there will be a net reduction

in traffic and no additional roadway improvements would be necessary to accommodate this development. It should be noted that the comparison includes a two-tenant retail/drive-through coffee shop on the outlot parcel. While these uses are not being proposed at this time, the memo confirms that a multi-tenant drive-thru use could also be accommodated on the site.

The center has two main unsignalized access drives, one connecting to each main road, with secondary access to the site provided behind the center via Timer Hills Road. No changes to the access drives are proposed as part of this project.

Parking

The Zoning Ordinance requires a minimum of 1 parking space per 250 square feet of floor area for general retail establishments. There is not a specific requirement in the Code for fitness centers, so the retail

requirement is being used for both tenant spaces. This is a conservative approach, as most other uses (such as shopping centers) require less parking. Ample parking is available on the site with 350 spaces provided and 247 parking spaces required for the two proposed uses. Sixteen EV charging stations are also being added to the west side of the parking lot adjacent to Arlington Heights Road.

Landscaping

Landscaping updates are proposed throughout the site including new landscape islands, parking lot screening, and landscaping around the base of the monument signs. The Village Forester had some minor comments on the landscaping plan that will be addressed during the final engineering process.

Stormwater & Engineering

Engineering staff completed a limited review for the Preliminary Engineering submittal and has no concerns regarding the geometric layout of the parking lot at this time. A full engineering review (including grading and utility improvements) will be completed as part of the final engineering review for the Development Improvement Agreement and permitting processes.

The Village engineering staff and Cook County Department of Transportation and Highways are working on a Phase 1 engineering study for improvements at Lake-Cook Road and Arlington Heights Road. The study currently has a plan option for widening Lake Cook Road to add a westbound right-turn lane along the north side of the road across the frontage of the subject property. Consideration for the future roadwork was made with the parking lot reconfiguration and appears to allow for such a turn lane to be installed. It should be noted that the landscaped area and setbacks may be reduced with future roadway improvements.

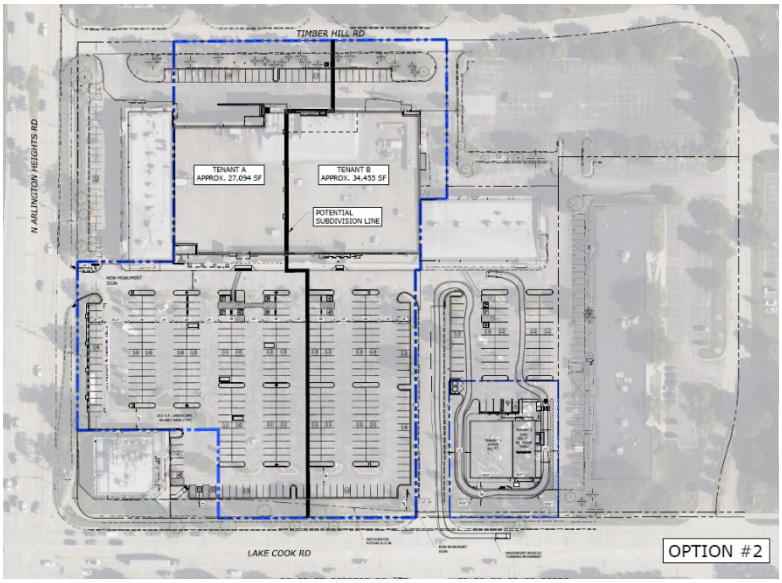


Figure 5. Chase Plaza Site Plan

PUBLIC HEARING COMMENTS

No comments were received before the public hearing, and no members of the public were present at the meeting to discuss this project.

PLANNING & ZONING COMMISSION (PZC) RECOMMENDATION

The PZC **unanimously recommended approval** to allow an amendment to the Planned Unit Development and Preliminary Plan approved by Ordinance No. 84-028, for a health club greater than 10,000 square feet, and drive-through restaurants as future uses within the shopping center, as well as approval of a sign package with Variations to the Sign Code for the redevelopment of Chase Plaza at 1160 Lake Cook Road, subject to the following conditions:

1. The proposed development shall be constructed in substantial conformance with the plans attached and in accordance with Section 16.20.070 of the Development Ordinance.
2. The Engineering plans shall be revised 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 landscaping plan shall be revised in a matter acceptable to the Village Forester prior to approval of final engineering.
5. Landscaping shall be added around the base of both freestanding monument signs in compliance with Code requirements.
6. The landscaping on the site shall be maintained in accordance with the final landscape plan in perpetuity.
7. The developer shall work with staff to revise the elevations in a manner acceptable to the Village.

ORDINANCE 2026-xxx

AN ORDINANCE APPROVING AN AMENDMENT TO THE PLANNED DEVELOPMENT AND PRELIMINARY PLAN APPROVED BY ORDINANCE NO. 84-028, TO MODIFY THE PERMITTED USES, AND APPROVE A SIGN PACKAGE WITH SIGN VARIATIONS FOR THE CHASE PLAZA SHOPPING CENTER AT 1160 LAKE COOK ROAD

Chase Plaza

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

WHEREAS 1160 Lake Cook Rd, Buffalo Grove, IL is improved with a former Dominick's grocery store building of approximately 61,650 square feet with a surface parking lot and includes an adjacent undeveloped commercial outlot, comprising approximately 6.28-acres in the B-2: General Retail, Business District, and is hereinafter legally described in Exhibit A; and,

WHEREAS, in 1984, the Village Board approved by Ordinance No. 84-028, granting approval for the development of the Buffalo Grove Business Park and Retail Center, of which the subject property is a part; and,

WHEREAS, Dominick's Finer Food, LLC is the owner of the Property; and

WHEREAS, SDG Lake Cook, LLC has the Property under contract; and,

WHEREAS, SDG Lake Cook, LLC, ("Petitioner") is proposing new uses on the site in addition to interior and exterior modifications to the shopping center which include updates to the façade, new signage, lighting and landscaping, as well as a redesign of the parking lot. The petitioner is requesting the following approvals:

1. An Amendment to the Planned Development and Preliminary Plan approved by Ordinance No. 84-028 to allow a 34,500 square foot health club, and to allow drive-throughs as future uses within the shopping center; and
2. Approval of a Unified Sign Package with the following Variations from the Sign Code:
    a. A Variation to Section 14.16.060 to allow two ground signs within the shopping center instead of one; and
    b. A Variations to Section 14.16.070 to allow five wall signs on the retail tenant space, where one sign is permitted.

WHEREAS the Planning & Zoning Commission held a public hearing on December 17, 2025, concerning the request for approval of the amendment to the Planned Development and Preliminary Plan approved by Ordinance No. 84-028, and approval of a sign package with Sign Code Variations; and

WHEREAS the Planning & Zoning Commission made findings of fact and determined that the petition meets the criteria for the amendment to the Planned Development and the standards for the

sign variations as set forth in the Buffalo Grove Zoning Ordinance and Sign Code respectively, and as described in the minutes attached hereto as Exhibit C; and

WHEREAS the Planning & Zoning Commission voted 5-0 to recommend approval of the requested amendment to the Planned Development and Preliminary Plan approved by Ordinance No. 84-028, and the sign package with Sign Code Variations; and

WHEREAS the Corporate Authorities of the Village of Buffalo Grove hereby determine and find that the requested amendment to the Planned Development and Preliminary Plan approved by Ordinance No. 84-028, and approval of a sign package with Sign Code Variations are reasonable and will serve the best interests of the Village; and

WHEREAS, the proposed development shall operate 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 December 17, 2025 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 foregoing recitals are hereby adopted and incorporated and made a part of this Ordinance as if fully set forth herein.

SECTION 2. The Corporate Authorities hereby adopt a proper, valid, and binding ordinance approving an amendment to the Planned Development and Preliminary Plan approved by Ordinance No. 84-028, and a sign package with Sign Code Variations for Chase Plaza at 1160 Lake Cook Road, Buffalo Grove, IL, subject to the following conditions:

1. The proposed development shall be constructed in substantial conformance with the plans attached and in accordance with Section 16.20.070 of the Development Ordinance.
2. The Engineering plans shall be revised 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 landscaping plan shall be revised in a matter acceptable to the Village Forester prior to approval of final engineering.
5. Landscaping shall be added around the base of both freestanding monument signs in compliance with Code requirements.
6. The landscaping on the site shall be maintained in accordance with the final landscape plan in perpetuity.
7. The developer shall work with staff to revise the elevations in a manner acceptable to the Village.

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.

smart. with heart.
50 Raupp Blvd, Buffalo Grove, IL 60089 847-459-2500 vbg.org

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: _____, 2026
APPROVED: _____, 2026
PUBLISHED: _____, 2026

ATTEST:

_____
Janet M. Sirabian, Village Clerk

APPROVED:

_____
Eric N. Smith, Village President

DRAFT

EXHIBIT A

Legal Description
1160 Lake Cook Rd

SUBJECT PROPERTY COMMON ADDRESS: 1160 Lake Cook Road

PARCEL INDEX NUMBERS: 15-32-308-019, 15-32-308-021

LEGAL DESCRIPTION:

Lots 2 and 4 in Dominick's Buffalo Grove Subdivision, being a Resubdivision of part of Lot 1 in Buffalo Grove Business Park Unit 2, being a Subdivision in the West Half of the Southeastern Quarter of Section 32, Township 43 North, Range 11 East of the Third Principal Meridian, according to the Plat thereof recorded September 5, 2001 as Document 475245, in Lake County, Illinois.

DRAFT

EXHIBIT B

Plan Set
1160 Lake Cook Rd

DRAFT

EXHIBIT C

Draft Minutes from December 17, 2025, Planning & Zoning Commission Meeting
1160 Lake Cook Rd

DRAFT

shorewood

PROPOSED DEVELOPMENT AT 1160 W. LAKE COOK ROAD

Narrative Statement and Business Operations

I. Project Narrative and Intent

The applicant proposes a Planned Unit Development (PUD) at 1160 W Lake Cook Road for the reconstruction of approximately **61,000 square feet (sf) of commercial development**. The project is strategically located within the established Lake Cook Road commercial corridor. It is designed to serve the community's demand for modern health and wellness facilities alongside accessible retail services.

The development will consist of two primary components under a unified site plan:

1. **34,000 sf Health Club:** A state-of-the-art fitness and wellness center.
2. **27,000 sf Retail:** Flexible retail space designed to accommodate local and national tenants offering complementary services and goods.

II. Business Operations Summary

The following outlines the general operational parameters for the two proposed uses:

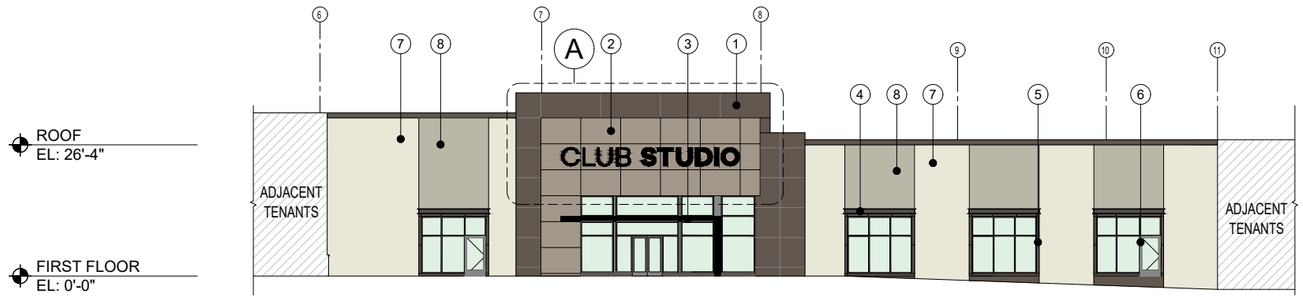
A. Health Club Operations (34,000 sf)

Operational Detail	Description
Primary Use	Fitness and wellness center, including exercise equipment, group fitness studios, locker rooms, and ancillary services (e.g., physical therapy, smoothie bar).
Membership	The facility will operate on a membership-based model, typical of modern health clubs.
Hours of Operation	**Standard:** Anticipated to be Monday–Friday, 5:00 AM – 10:00 PM; Saturday–Sunday, 7:00 AM – 8:00 PM. Specific hours may vary but will be controlled to minimize late-night traffic impact.
Staffing	Approximately 15-25 full-time and part-time staff, depending on membership volume and class schedules.

B. Retail Operations (27,000 sf)

Operational Detail	Description
Primary Use	General retail, potentially including specialty shop or service retailer.
Hours of Operation	**Standard:** Anticipated to be Monday–Sunday, 7:00 AM – 10:00 PM; Hours will conform to standard commercial operating times in Buffalo Grove.
Deliveries/Service	Delivery hours will be restricted to standard business hours to avoid noise disruption to adjacent properties.
Tenant Standards	All tenant uses will be subject to a strict Tenant Criteria Manual to ensure consistency with the PUD's design standards and maintain compliance with all Village Code requirements.

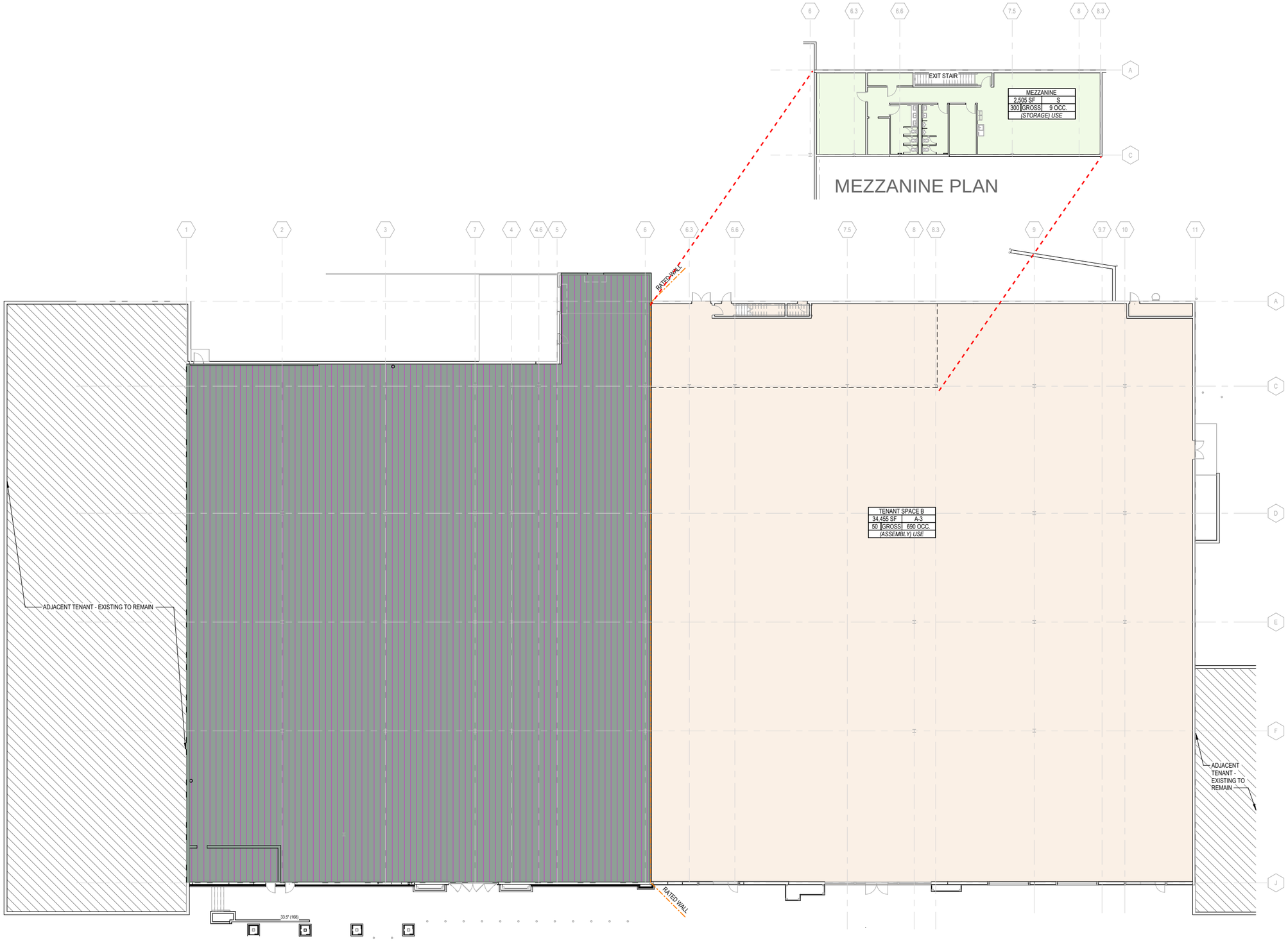
OVERALL BUILDING ELEVATION



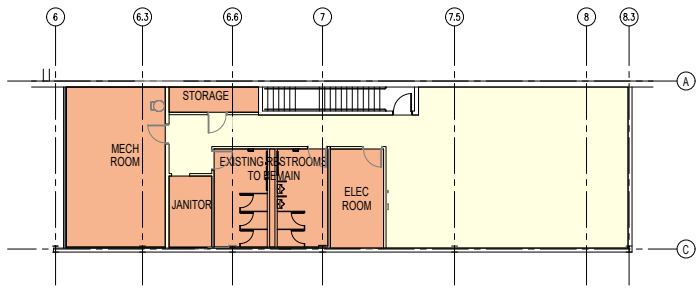
CLUB STUDIO ELEVATION

MATERIAL LEGEND:

1. Pre-finished Aluminum Composite Panels - Sherwin Williams - Fluropon 432R1430 Charcoal Gray
2. Pre-finished Aluminum Composite Panels - Sherwin Williams - Fluropon 432AA857 Granite
3. Pre-finished Aluminum Composite Panels - Sherwin Williams - Fluropon 438R462 Mattte Black
4. Painted Galvanized Steel Canopy Sherwin Williams SW6258 Tricorn Black
5. Pre-finished Aluminum Composite Panels Window Surrounds Sherwin Williams - Fluropon 432R1430 Charcoal Gray
6. Curtainwall and Entry Doors - Clear Anodized Finish w/ Dual Glazed Green Tint Glass
7. Painted Precast Panel - Sherwin Williams SW7008 Alabaster
8. Painted Precast Panel - Sherwin Williams SW7016 Mindful Gray

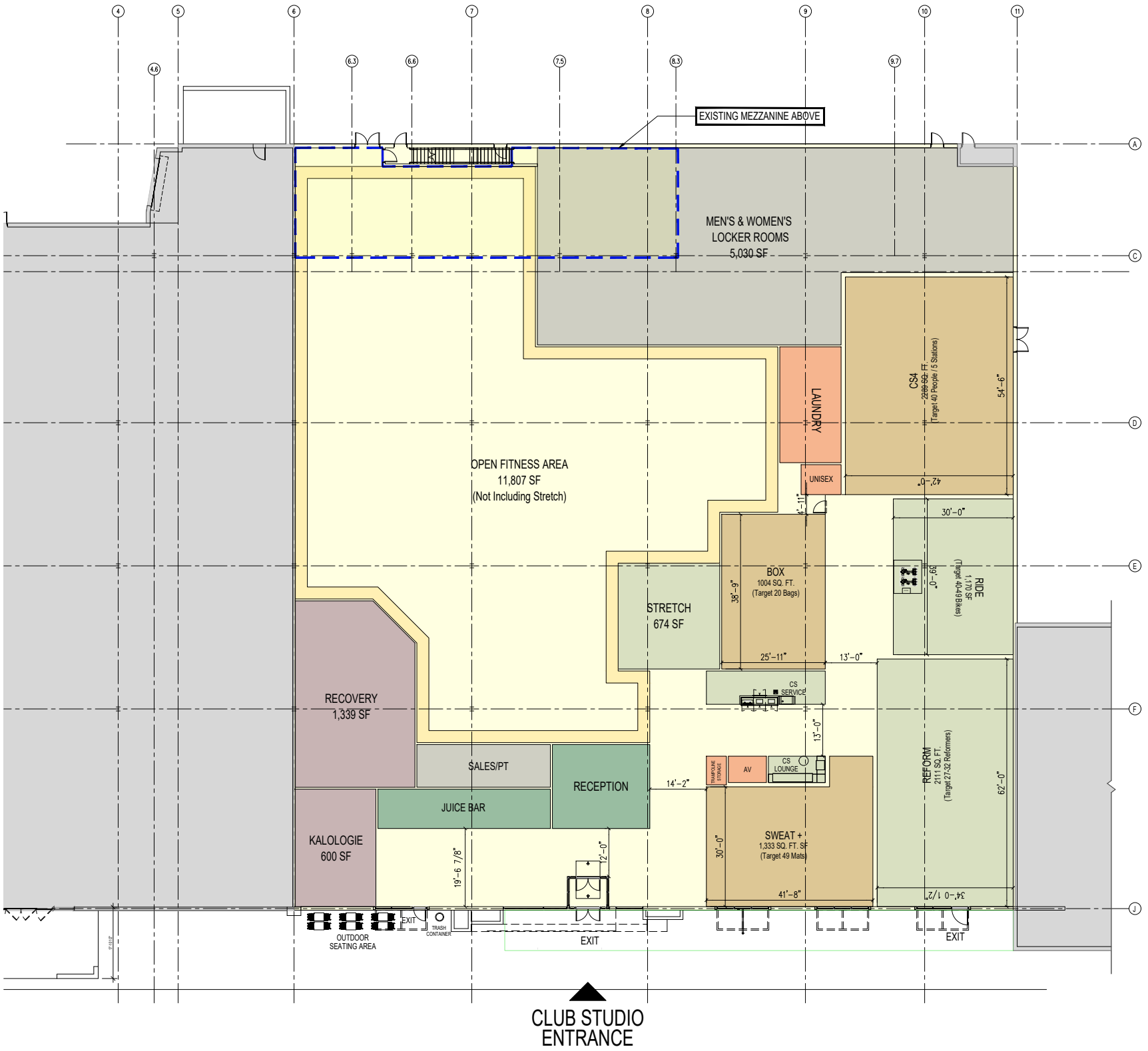

EXIT STAIR
MEZZANINE
2,505 SF S
300 GROSS 9 OCC.
(STORAGE) USE
MEZZANINE PLAN
RATED WALL
TENANT SPACE B
34,455 SF A-3
50 GROSS 690 OCC.
(ASSEMBLY) USE
ADJACENT TENANT - EXISTING TO REMAIN
ADJACENT TENANT - EXISTING TO REMAIN
RATED WALL
33.5' (168)
FIRST FLOOR PLAN
N

PRELIMINARY



N

Mezzanine Level



N

Ground Floor Level

Ground Floor - 34,613 S.F.
Mezzanine - 2,387 S.F.
TOTAL - 37,000 S.F.

GENERAL NOTES:

1. Information provided for design intent only. Design professional of record is responsible for verification of all applicable code requirements. Wall types illustrated are for preliminary space planning only; the design professional shall be responsible for code conformance and floor plan development per LAF's programming criteria. These plans are specifically not for use as layers to be imported into documents / files or to be used as tracing underlayment(s) for construction documents / files by the professional of record for this or any other project.

2. Ground floor area tabulation is the gross leasable area measure from the exterior surface of exterior walls, face of glass and from the center of Tenant demising partitions, including interior columns; excluding arcades, bump-outs, elevators, shafts, leave-outs. Existing mezzanines at the rear of the premises will not be counted unless they provide usable space such as electrical room or if they are large enough for fitness use.

ARC DESIGN RESOURCES INC.
5291 ZENITH PARKWAY
LOVES PARK, IL 61111
VOICE: (815) 484-4300
FAX: (815) 484-4303
www.arcdesign.com

TIMBER HILL RD

N ARLINGTON HEIGHTS RD

TENANT A
APPROX. 27,094 SF

TENANT B
APPROX. 34,455 SF

POTENTIAL
SUBDIVISION LINE

NEW MONUMENT
SIGN

(16) PROPOSED EV CHARGING STALLS

202 S.F. LANDSCAPE
ISLAND AREA (TYP)

7,000 SQ. FT.
RETAIL/DRIVE-THRU

ANTICIPATED
FUTURE R.O.W.

NEW MONUMENT
SIGN

LAKE COOK RD

© 2025 Microsoft Corporation © 2025 Maxar ©CNES (2025) Distribution Airbus DS

NORTH

SCALE = 1"=40'
(24"x36" SHEET)

OPTION #1

CHASE PLAZA
REDEVELOPMENT

SITE PLAN OVERVIEW

1160 W LAKE COOK RD,
BUFFALO GROVE, IL

DATE	CONCEPT #
12/09/25	1

ARC DESIGN RESOURCES INC.
5291 ZENITH PARKWAY
LOVES PARK, IL 61111
VOICE: (815) 484-4300
FAX: (815) 484-4303
www.arcdesign.com

TIMBER HILL RD

N ARLINGTON HEIGHTS RD

TENANT A
APPROX. 27,094 SF

TENANT B
APPROX. 34,455 SF

POTENTIAL
SUBDIVISION LINE

NEW MONUMENT
SIGN

(16) PROPOSED EV CHARGING STALLS

202 S.F. LANDSCAPE
ISLAND AREA (TYP)

TENANT 2
±4500
SQ. FT.

TENANT 1
2441
SQ. FT.
W/ DRIVE
THRU

ANTICIPATED
FUTURE R.O.W.

NEW MONUMENT
SIGN

PASSENGER VEHICLE
TURNING MOVEMENT

LAKE COOK RD

© 2025 Microsoft Corporation © 2025 Maxar ©CNES (2025) Distribution Airbus DS

NORTH

SCALE = 1"=40'
(24"x36" SHEET)

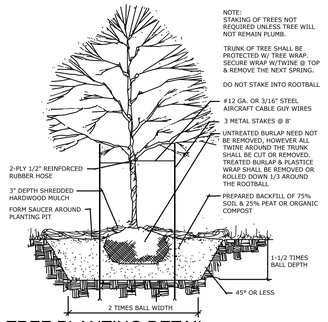
OPTION #2

CHASE PLAZA
REDEVELOPMENT

SITE PLAN OVERVIEW

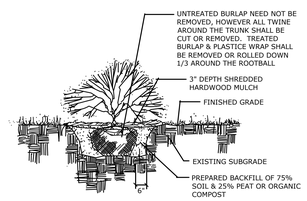
1160 W LAKE COOK RD,
BUFFALO GROVE, IL

DATE	CONCEPT #
12/09/25	2



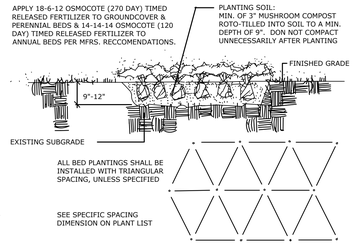
TREE PLANTING DETAIL

NOT TO SCALE



SHRUB PLANTING DETAIL

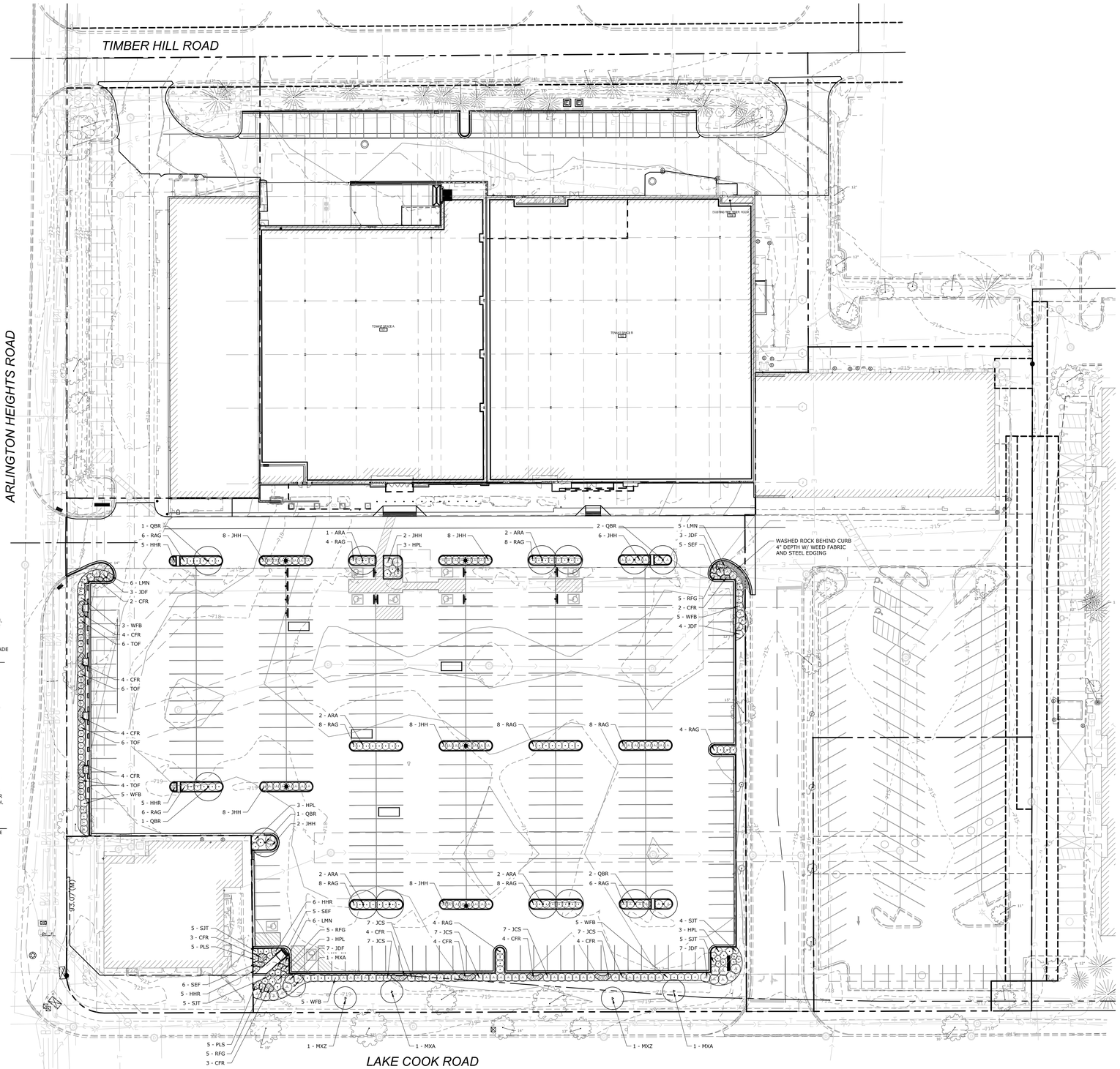
NOT TO SCALE



BED PLANTING DETAIL

(GROUNDCOVER, PERENNIALS & ANNUALS)

NOT TO SCALE



LEGEND

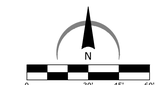
- MIXED PERENNIALS / ORNAMENTAL GRASSES
- EVERGREEN / DECIDUOUS SHRUBS
- DECIDUOUS CANOPY TREE
- EVERGREEN / ORNAMENTAL TREE
- SEED AREA FOR TURF WITHIN P.L. UNLESS OTHERWISE DIRECTED BY OWNER - SEE ENGINEERING PLANS
- EXISTING TREE TO REMAIN

PLANT LIST

KEY	QTY	Botanical Name / COMMON NAME	SIZE	REMARKS
ARA	7	Acer rubrum x 'Armstrong' FREEMAN RED MAPLE	2"	
MXA	2	Malus x 'Adirondak' ADIRONDAK CRABAPPLE	2"	ORNAMENTAL UPRIGHT
MXZ	2	Malus x 'Zumi' ZUMI CRABAPPLE	7'	MULTI-STEMMED / ORNAMENTAL
QBR	7	Quercus bicolor x 'Regal Prince' REGAL PRINCE OAK	2"	
HPL	12	Hydrangea paniculata 'Little Lime' LITTLE LIMELIGHT HYDRANGEA	5 GAL	DECIDUOUS
JCS	35	Juniperus chinensis x viridis 'Sargentii' GREEN SARGENT JUNIPER	5 GAL.	EVERGREEN
JDF	24	Juniperus chinensis 'Daubs Frosted' DAUBS FROSTED JUNIPER	5 GAL.	EVERGREEN - GOLD TIPPED
JHH	64	Juniperus horizontalis 'Hughes' HUGHES JUNIPER	5 GAL.	EVERGREEN
RAG	64	Rhus aromatica x 'Gro Lo' GROW LOW SUMAC	5 GAL.	DECIDUOUS
SJT	19	Spiraea japonica 'Tracy' DOUBLE PLAY PINK SPIREA	5 GAL.	DECIDUOUS
TOF	22	Thujia occidentalis 'Fire Chief' FIRE CHIEF GLOBE ARBORVITAE	5 GAL.	EVERGREEN
WFB	23	Weigela florida "Bokrasopin' SONIC BLOOM PINK WEIGELA	5 GAL	DECIDUOUS
CFR	34	Calamogrostis acutifolia 'Karl Forster' FEATHER REED GRASS	GAL	3'-0" O.C. / ORN. UPRIGHT GRASS
HHR	21	Hemerocallis 'Passionate Returns' PASSIONATE RETURNS DAYLILY	GAL	2' O.C. - PERENNIAL / REBLOOMER
LMN	17	Lavandula angusifolia x 'Munstead' MUNSTEAD LAVENDER	1 GAL	2'-0" O.C. - PERENNIAL
PLS	10	Perovskia angustifolia x 'Little Sprite' LITTLE SPRITE RUSSIAN SAGE	GAL	2'-0" O.C. - PERENNIAL
RFG	15	Rudbeckia fulgida 'Goldsturm' BLACK-EYED SUSAN	GAL	2'-0" O.C. - PERENNIAL
SEF	16	Salvia x 'East Freisland' EAST FREISLAND MEADOWOOD SAGE	GAL	2'-0" O.C. - PERENNIAL

PLANTING NOTES

1. Contractor shall verify locations of all underground utilities prior to begining construction on his phase of work. Electric, gas, telephone, and cable television can be located by calling J.U.L.I.E. at '811'. For regional locating, contact "Digger's Hotline". Any damage or interruption of services shall be the responsibility of the contractor. Contractor to coordinate all related activities with other trades on the job and shall report any unacceptable job conditions to owner's representative prior to commencing work.
2. Contractor shall grade entire site to correct surface irregularities in preparation for sod/seed. Roto-til, disc, drag, harrow or hand rake sub grade in all lawn areas and remove construction debris, foreign matter or stones larger than 2". Grading shall provide slopes which are smooth, continuous, free from depressions or ridges. Level, rake and roll as necessary to an even and true condition and obtain positive drainage in all areas. Finish grades shall meet the approval of owner prior to lawn installation.
3. All disturbed areas should be brought to grade with "topsoil" to a depth of 6 inches in areas to be seeded or sodded, and 12 inches for all interior (curbed) landscape islands All lawn areas are to be finished with mulch, straw mulch, seed, sod, etc. or as noted. All lawn areas to be watered until a healthy stand of grass is established. (see seed/sod notes for acceptance details).
4. Quantity lists are supplied as a convenience; however, the contractor should verify all quantities. The drawings shall take precedence over the lists.
5. Plantings may need to be adjusted in the field as necessary to accommodate site conditions, utilities, easements, drainage ways, downspouts, etc.; however, quantities and sizes shall remain consistent with these plans.
6. Size & grading standards of plant material shall conform to the latest addition of ANSI Z60.1 AMERICAN STANDARD OF NURSERY STOCK, by the American Nursery & Landscape Association. Plant material shall be nursery grown and be either balled and burlap or container grown.
7. All plant species and seex mixes specified are subject to availability. Material shortages in the landscape industry may require substitutions. All substitutions must be approved by the Landscape Architect, Owner and/or Lake in the Hills Community Development Department.
8. Any plant materials with damaged or crooked/disfigured leaders, bark abrasion, sun scald, insect damage, etc. are not acceptable and will be rejected by Landscape Architect and/or Owner. Trees with multiple leaders will be rejected unless called for in the plant list as multi-stem or clump.
9. All plant material, especially trees, must be sourced within a one-hundred and fifty (150) mile radius of the subject property or construction site.
10. All plant material shall be guaranteed for one (1) year after acceptance by landscape architect and/or owner. Contractor shall replace without cost to owner any dead or unacceptable plants, as determined by the landscape architect at the end of one (1) year guarantee period. Contractor shall notify immediately, in writing, any concerns related to maintenance practices.
11. All planting beds and tree saucers shall be mulched continuous with 3" depth shredded hardwood mulch, see planting details. All deciduous trees (shade / ornamental) that are not located in in a planting bed shall be mulched with a 3'-0" diameter circle. Evergreen trees and multi-stemmed ornamental trees shall be mulched to outer-most branches at the time of installation.
12. Planting edge delineation at all planting bed lines and tree saucers shall require a minimum 4" depth "vee" shaped cultivated, spaded edge with a vertical face abutting all lawn areas and sloped to inside of plant bed continuous between lawn and mulched areas as indicated on plan.
13. Contractor to install IDOT Class 1 seed mix for all general disturbed lawn areas as shown on plan, or Village approved equal. Seeded lawn mix to be a combination of bluegrass, perennial rye and red fescue with the suggested following analysis by weight: 30% rugby Kentucky bluegrass, 20% park Kentucky bluegrass, 20% creeping red fescue, 20% scalids hard fescue, and 10% perennial ryegrass. Seed to be applied at a rate of 250 lbs. per acre or 0.5 lbs. per 1,000 s.f..
14. Contractor to install IDOT Class 4B Wetland seed mix (or Tollway Class D1 Wetland seed mix), or other Village approved equal, in the detention pond bottoms up to the Normal Water Line (NWL) as shown and noted on landscape and civil plans. Seed mix to be a combination of wetland grasses, sedges, rushes, and annual ryegrass with the suggested following analysis by weight: 40% grasses, 30% rushes, 20% sedges, and 10% annual ryegrass. Seed to be applied at a rate of 46 lbs. per acre.
15. All seed shall be fresh, dry, new seed crop tested for purity and germination and mixed in proportions by weight. Seed weights specified indicate weights per acre in pure, live seed. Seed mixes to be blended by the vendor, and accompanied by a written affidavit certifying composition of seed mixtures and integrity of seed with respect to species, variety and source and shall be submitted for review by Landscape Architect and/or Owner prior to installation.
16. Seeding shall be performed by a qualified contractor with experience in turf, natural, and/or wetland seeding installation.
17. All seed shall be preferentially installed with a rangeland type grain drill or no-till planter, such as a Truax or equivalent. Prior to starting work, calibrate the seeding equipment to sow weeds at the proper seeding rate. Equipment shall be operated in a manner to ensure complete and uniform coverage of entire area. Drill-seed slopes greater than 5:1 parallel to contours, by drilling once at half the specified rate in one direction and again at half the specified weight perpendicular to the first to ensure even and complete coverage.
18. All seeded lawn areas shall be covered with straw mulch or erosion control netting, consisting of hand or machine application at a rate of 2 ton per acre within two (2) days of seed installation. All areas that are not on slopes greater than 5:1 and not covered with erosion control blanket shall be mulched. Straw mulch shall be compact enough to reduce erosion of seed and topsoil but loose enough to allow air to circulate. Mulch shall be crimped straw or hay either hand or machine applied at a rate of 200 lbs. per acre (2 ton per acre). Crimp mulch with a straight disc or a specialized roller pulled at right angles to the slopes. Hay, or threshed straw shall be seed free. Install per Method 1, Section 251, of the Standard Specifications for Road and Bridge Construction.
19. All sloped seeded areas, 5:1 or greater, shall be protected with erosion control slope blanket. Blanket to be machine produced, 100% biodegradable mat of agricultural straw or excelsior material with a functional longevity of twelve (12) months. Acceptable materials include S75BN straw blanket by North American Green, Curlex 1 Excelsior or AEC Premier straw type SS-G2 by American Excelsior Co., or approved equal.
20. All seeded turf areas shall be fertilized at installation with 6-20-20 analysis (or approved), at a rate of 6 lbs. per 1,000 s.f.. A second application of 21-7-14 (or approved) to be applied at rate of 6 lbs. per 1,000 s.f. after the first cutting. Acceptance and guarantee notes shall apply to all seeded areas.
21. Contractor shall assume maintenance responsibilites of seed for a minimum of thirty (30) days. Acceptance of grading and seed shall be by landscape architect and/or owner. Upon final acceptance, owner shall assume all maintenance responsibilities. After lawn areas have germinated, areas which fail to show a uniform stand of grass for any reason whatsoever shall be re-sodded or re-seeded repeatedly until all areas are covered with a satisfactory stand of grass. Minimum acceptance of seeded lawn areas may include scattered bare or dead spots, none of which are larger than one (1) square foot and when combined do not exceed 2% of total lawn area.
22. Existing trees as shown on plan are to remain and must be protected from construction activity during construction timeline and the Developer shall be fully responsible for the preservation and protection of those existing trees identifed on the approved tree survey.
23. Contractor shall ensure that all landscape plants shall be set back at least two (2) feet from the parking lot curbs or parking perimeter and field adjusted as necessary to protect plantings from damage of car overhang.



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ISSUANCE

10/15/2025 PERMIT SET

PROJECT NUMBER
95310005
PROJECT MANAGER
S. CHOVAN
PROFESSIONAL
J. LINKENHELD
DRAWN BY
M. HEITING
CHECKED BY
J. LINKENHELD

LANDSCAPE PLAN

L101

GENERAL NOTES

1. Unless noted otherwise on this page, all earthwork, grading and paving shall be performed in accordance with Standard Specifications for Road and Bridge Construction in Illinois, State of Illinois Department of Transportation, Current Edition, and all revisions and supplements thereto, the specifications contained in this project manual, and the requirements and specifications of the Village of Buffalo Grove. In case of conflict between the Standard Specifications and the project specific specifications in this manual, the specifications in the manual shall govern.
2. Unless noted otherwise on this page, all sanitary sewer, water main, and storm sewer shall be constructed in accordance with "Standard Specifications for Water and Sewer Main Construction" in Illinois latest edition and the Standard Specifications and Requirements of Lake County Public Works (Sanitary) and Village of Buffalo Grove Water Department (Water). The Contractor is responsible for familiarizing themselves with the local agency requirements.
3. The designs represented in these plans are in accordance with established practices of civil engineering for the design functions and uses intended by the owner at this time. Neither the engineer nor its personnel can or do warrant these designs or plans as constructed except in the specific cases where the engineer inspects and controls the physical construction on a contemporary basis at the site.
4. The contractor, by agreeing to perform the work, agrees to indemnify and hold harmless the owner, the engineer, the Village, and all agents and assigns of those parties, from all suits and claims arising out of the performance of said work, and further agrees to defend or otherwise pay all legal fees arising out of the defense of said parties.
5. In accordance with generally accepted construction practices, the contractor shall be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to normal working hours. Any construction observation by the engineer of the contractor's performance is not intended to include review of the adequacy of the contractors safety measures, in, or near the construction site. The contractor is responsible for maintaining adequate signs, barricades, fencing, traffic control devices and measures, and all other measures that are necessary to protect the safety of the site at all times.
6. Maintain access for vehicular and pedestrian traffic as required for other construction activities. Use traffic control devices to include temporary striping, flagmen, barricades, warning signs, and warning lights shall be in accordance with current MUTCD and IDOT standards.
7. Contractor is responsible to provide secure storage for their own equipment. Designated storage locations will be identified for the contractor. Contractor will have the option of installing secure trailer or fenced yard.
8. All phases of the site work for this project shall meet or exceed industry standards and requirements set forth by the the owner's "Description of Work", the Village of Buffalo Grove, the State of Illinois, and this plan set.
9. The Village of Buffalo Grove must be notified at least two (2) working days prior to the commencement or resumption of any work.
10. The contractor shall coordinate all permit and inspection requirements with responsible local, state, and federal agencies. The contractor shall include the costs of this coordination and all inspection fees in the bid price.
11. All work performed by the contractor shall come with a warranty against defects in workmanship and materials. This warranty period shall run concurrent with the required warranty periods the owner must provide to each local government agency, as a condition of the permit, but shall not be less than 12 months from the date of final acceptance by Owner.
12. The contractor will be held solely responsible for and shall take precautions necessary to avoid property damage to adjacent properties during the construction of this project.
13. All structures, inlets, pipes, swales, roads and public egresses must be kept clean and free of dirt and debris at all times.
14. Any field tiles encountered during construction shall be recorded showing size, location, and depth by the contractor, and either reconnected and rerouted or connected to the storm sewer system. The owner shall be notified immediately upon encountering any tile.
15. The contractor shall field verify the elevations of the benchmarks prior to commencing work. The contractor shall also field verify the location and elevation of existing pipe inverts, curb or pavement where matching into existing work. The contractor shall field verify horizontal control by referencing property corners to known property lines. Notify the engineer of discrepancies in either vertical or horizontal control prior to proceeding.
16. All elevations are on USGS datum.
17. Parking areas designated as A.D.A. and all sidewalk shall be compliant with federal, state, and local A.D.A. requirements.
18. Detectable warning plates per Article 424.09 of the IDOT specifications shall be placed at all locations where sidewalk that is to be replaced intersects public roads and at locations indicated in this plan set.
19. The contractor shall verify the location of all utilities in the field prior to construction. This includes sanitary sewer, water main, storm sewer, General Telephone, Commonwealth Edison, Northern Illinois Gas and cable television, if any. The J.U.L.I.E. number is 1-800-892-0123.
20. Property corners shall be carefully protected until they have been referenced by a Professional Land Surveyor.
21. The contractor shall keep careful measurements and records of all construction and shall furnish the Engineer, the Owner and the Village with record drawings in a digital format compatible with AutoCAD Release 14 upon completion of their work.
22. Any excess dirt or materials shall be removed from the site at no cost to owner.
23. Notify the owner and Village of Buffalo Grove of any existing wells. Obtain permit form the Illinois Bureau of Minerals and the State Water Survey. Cap and abandon wells in accordance with local, state, and federal regulations.
24. Finish grade shall in all areas not specifically reserved for storm water management shall drain freely. No ponding shall occur. Tolerances to be observed will be measured to the nearest 0.04 of a foot for paved surfaces and 0.10 of a foot for unpaved areas.
25. The contractor shall utilize the owner's engineer, Arc Design Resources for construction layout services and shall contact Arc Design directly to negotiate required scope of services and fee. Contractor shall include all necessary construction layout in their bid. Contact Mr. Lee Sprecher at 815-484-4300 x238.

SANITARY SEWER NOTES

1. Sanitary Sewer shall be constructed in accordance with the following:
   A. "Standard Specifications for Water and Sewer Main Construction in Illinois" (Standard Specifications), Seventh Edition dated 2014 (and all revisions and supplements thereto).
   B. All applicable state and local plumbing codes.
   C. Additional details and requirements provided in the contract documents, including this plan set.
   Where criteria of the aforementioned specifications conflict, the more stringent criteria shall be implemented.
2. Contact all public and private utility companies 48 hours prior to any excavation. Cost of replacement or repair of existing utilities damaged as a result of the contractor's operation shall be the contractor's responsibility.
3. The contractor shall field verify the elevations of the benchmarks prior to commencing work. The contractor shall also field verify location, elevation and size of existing utilities, and verify floor, curb or pavement elevations where matching into existing work. The contractor shall field verify horizontal control by referencing shown coordinates to known property lines. Notify engineer of discrepancies in either vertical control prior to proceeding with work.
4. Refer to building plans for exact locations of new utility entries.
5. Install cleanouts and manholes in accordance with the standard details in this plan set and with the aforementioned standard specifications. The contractor shall adjust all cleanouts and manhole castings to final grade as defined in this plan set.
6. Cap ends of any conduits installed and mark ends.
7. All sanitary sewers under and within two feet of any existing or proposed pavement shall be backfilled with granular backfill material IDOT gradation FA-6 or approved equal (grade 8 or grade 9).
8. Sanitary sewer services shall be 6" watermain quality SDR 26 PVC in accordance with ASTM D2241, or solvent welded SCH. 40 PVC in accordance with ASTM D1785 and D2665. All services shall be sloped from the main at 1% minimum unless otherwise noted.
9. Sanitary mains shall be 8" SDR 26 PVC in accordance with ASTM D2241.
10. Joints for all sanitary sewer shall be solvent cemented joints in accordance with ASTM D2855 or flexible elastomeric seal in accordance with ASTM D3212.
11. All new sanitary manholes shall be vacuum tested in accordance with ASTM C1244.
12. Bedding class for flexible pipe shall be IA (CA-6 crushed stone in accordance with ASTM 2321-89. If trench bottom is wet, CA-7 shall be used.
13. Infiltration testing.
   A. It is the intent of this title to secure a sewer system with a minimum amount of infiltration. The maximum allowable infiltration shall not exceed two hundred gallons per inch of diameter of sewer per mile per twenty-four hour day at any time for any section of the system. The joints shall be tight and any joint with visible leakage or leakage in excess of the amount specified above shall be repaired at the contractor's expense.
   B. The repair must be of a permanent nature and of a quality equal to initial work which is constructed in conformance with the applicable specifications.
   C. Immediately after backfilling, the entire length of the sewer trench, including stubs, shall be inundated to normal ground water level or eighteen inches above the top of sewer pipe, whichever is higher. At that time, infiltration tests shall be made to determine compliance with the allowable infiltration criteria. To measure the amount of infiltration, the contractor shall furnish, install, and maintain a v-notch shape crested weir in a metal frame tightly secured at the lower end of each sewer test section as directed by the Village engineer or his / her authorized representative. The Village engineer or his / her authorized representative will check the infiltration by measuring the flow over such weirs. When infiltration is demonstrated to be within the allowable limits, the contractors shall remove such weirs.
14. Exfiltration testing:
   A. If during the construction of the sewer system the engineer determines that it is impractical to obtain a proper infiltration test, then a test for watertightness shall be made by bulkheading the sewer at the manhole at the lower end of the section under test and filling the sewer with water to eighteen inches above the top of the sewer in the manhole at the upper end of the section. Leakage will then be the measured amount of water added to maintain the above described level at a maximum allowable exfiltration rate of two hundred gallons per inch of diameter of sewer per mile per twenty-four hour day at any time for any section of the system.
15. Air testing:
   A. In lieu of infiltration or exfiltration testing, the Village engineer may permit air testing in accordance with ASTM C828.
16. Deflection testing for flexible conduit
   A. All sanitary sewer lines shall be deflection tested after 30 days following final backfill operations.
   B. If the deflection test is to be run using a rigid ball or mandrel, it shall have a diameter equal to 95% of the base diameter of the pipe as described in ASTM D3034. The test shall be performed without mechanical pulling devices.
   C. Wherever possible and practical, the testing shall initiate at the downstream lines and proceed towards the upstream lines.
   D. Maximum allowable pipe deflection is 5%. Where deflection is found to be in excess of 5% of the original pipe diameter, the contractor shall excavate to the point of excess deflection and carefully compact around the point excess deflection was found. The line shall then be retested for deflection. If after the initial testing the deflected pipe fail to return to the original size (inside diameter), the line shall be replaced at the contractor's expense.

EARTHWORK NOTES

1. Boring samples have been taken at the proposed construction site and a boring report has been supplied with the construction documents.
2. Unsuitable Materials:
   Assume that if unsuitable materials are encountered and the replacement of these materials is required, this situation shall be handled as follows:
   A. The site contractor shall notify the general contractor immediately. The project superintendent, prior to the undercutting being completed, shall approve any additional undercutting. The quantities shall be verified by the engineer as the additional removal is being completed.
   B. If approved by the engineer, these materials shall be removed and replaced with compacted granular materials and compacted in accordance to required standards. The cost of this work shall be an extra to the contract, with the cost being adjusted by change order.
   C. If the site contractor is furnishing any off site materials, a representative sample of such materials shall be furnished to the general contractor's approved testing agency to determine a proctor.
   D. These materials shall be placed as homogeneously as possible to facilitate accurate compaction and moisture testing.
3. Definition for materials
   A. "Organic material" is defined as material having an organic content in excess of 8% or as determined by the project owner's engineer.
   B. Topsoil shall be friable and loamy (loam, sandy loam, silt loam, sandy clay loam, or clay loam).
      B.1. Sand content shall generally be less than 70% by weight.
      B.2. Clay content shall generally be less than 35% by weight.
      B.3. Organic soils, such as peat or muck, shall not be used as topsoil.
   C. Topsoil shall be relatively free from large roots, weeds, brush, or stones larger than 25 mm (1 inch). At least 90% shall pass the 2.00 mm (no. 10) sieve.
   D. Topsoil ph shall be between 5.0 and 8.0. Topsoil organic content shall not be less than 1.5% by weight. Topsoil shall contain no substance that is potentially toxic to plant growth.
   E. "Existing on-site material within moisture content limits" is defined as material of such a quality that the specified compaction can be met without any additional work other than "densifying" with a roller. Scarification and drying of this material will not need to be done prior to compaction.
   F. "Existing on-site material NOT within moisture content limits" is defined as material with a high moisture content that can not meet specified compaction requirements without scarification and drying, chemical stabilization, etc. of this material prior to compaction.
   G. "Unsuitable material" is defined as any materials that:
      G.1. Cannot be utilized as "topsoil" (organic) for landscape areas.
      G.2. Cannot be utilized as "engineered fill" regardless of moisture content and / or does not structurally meet the standards of the project owner's engineer's recommendations for "engineered fill".
      G.3. Can be defined as natural materials or materials from "demolition" and / or excavated areas (i.e., materials that would not be suitable for "engineered fill").
   H. "Off-site material" is defined as any materials that are brought from any area not indicated on this plan set.
   I. "Trench backfill" shall be defined as any materials used for the purposes of backfilling any trench and / or any excavation requiring backfilling. Refer to "Standards for fill areas" to determine acceptable materials and procedures.
   J. The term "stripping" or "strip" as used herein shall be defined as the removal of all "organic materials" from a given area. The term "organic materials" is defined as material having an organic content over 8% based on ASTM D2974, or as defined by the owner's engineer.
4. Standards for cut areas:
   A. A "cut area" is defined as any area where "engineered fill" is not required to bring the site to design subgrade elevation. Instead, excavation or "cutting" is required to achieve design subgrade elevation ("engineered fill" being defined as any material being "offsite material").
   B. In "cut areas" the site contractor shall perform one of the following procedures at the discretion and in the presence of a representative of the owner's engineer and the project architect:
      B.1. For exposed building or parking lot subgrades consisting primarily of granular soils, the exposed subgrade should be compacted / densified by at least one (1) pass of a smooth-drummed vibratory roller having a minimum gross weight of 10 tons.
      B.2. For exposed building or parking lot subgrades consisting primarily of cohesive soils, the exposed subgrades should be proof-rolled with a fully-loaded six-wheel truck having a minimum gross weight of 25 tons. The maximum allowable deflection under the specified equipment shall be 1/2".
   C. In the event that adequate stability of granular soils subgrades cannot be achieved by the procedures as outlined in item 1 above, or that deflections greater than 1/2" are observed during the "proof rolling" of cohesive soils subgrades (as outlined in item 2 above) additional corrective measures will be required. These measures could include, but not necessarily be limited to, scarification, moisture conditioning, re-compaction, undercutting and replacement with engineered fill or crushed stone (with or without geotextiles), or chemical stabilization.
   D. It shall be considered as part of the scope of these documents (and thus part of this contractor's responsibility) to perform scarification and drying of the subgrade per Illinois Department of Transportation (IDOT) standards (scarify a 16" depth for 3 days). If this does not work then additional drying measures shall be an extra to the contract.
   E. Any proposed corrective measures by the contractor should be reviewed by the owner's engineer and the project architect. In the event that in the opinion of the owner's engineer and / or the project architect proof rolling is not a good indicator of the subgrade stability, an alternative method shall be specified by the owner's engineer and / or the project architect.
5. Standards for fill areas:
   A. A "fill" area is defined as any area where material is required to adjust the existing elevation to a proposed subgrade elevation (these areas require installation of "engineered fill" to achieve design subgrade elevation). "Engineered fill" material can be defined as either "granular soil" or "soil" that is either from the construction site or is "offsite material". Materials having their origin from the construction site is referred to as "borrow". The composition and the compaction standards of the engineered fill for this project will be specified by owner's engineer and the project architect.
   B. In "fill" areas, "borrow" materials are allowed to be utilized as engineered fill such that the site contractor compacts the "borrow" areas to the specified compaction.
6. Compaction standards (for engineered fill and back filled areas)
   A. Prior to placement of fill in areas below the design grade, the exposed subgrade should be observed by a representative of the owner's engineer to evaluate that adequate stripping has been performed. Additionally, the proof rolling or compacting procedures outlined in the "standards for cut areas" section of these notes should be performed. It is typical practice to proof roll (and densify if necessary) exposed subgrades prior to filling. If soft or unstable subgrades are observed, these areas should be stabilized or undercut. Minimum compaction standards are based upon a percentage of the fill or backfill material's maximum standard proctor dry density (ASTM D698). All engineered subgrades should meet the following minimum compaction:
      A.1. Areas under foundations bases:
         A.1.A. 95% standard proctor for all fill placed below foundation base elevation in the building area.
      A.2. Areas under floor slabs and above foundations/footing bases:
         A.2.A. 95% standard proctor for all fill placed more than 12 inches below final grade for support of floor slabs and above foundation base elevation in the building area.
         A.2.B. 95% standard proctor for fill placed in the upper 12 inches of design subgrade below slabs. The granular fill under the floor slab should be compacted to a minimum of 95% standard proctor.
      A.3. Areas under pavement sections:
         A.3.A. 95% standard proctor for all fill placed more than 12 inches below passenger car pavement sections and 95% standard proctor for the top 12 inches.
      A.4. Landscaped areas:
         A.4.A. 90% standard proctor for all fill placed in landscape areas. These areas should be brought to grade with "topsoil" to a depth of 12 inches in areas to be seeded, 6 inches in areas to be sodded, and 24 inches for all interior curbed landscape islands.
      A.5. Base course portion of pavement sections:
         A.5.A. 95% standard proctor for all base course materials that are part of a "pavement section".
   B. The option of utilizing the modified proctor (ASTM D1557) in lieu of the specified standard proctor (ASTM D698) shall be at the discretion of the general contractor, contingent upon written approval by the architect and owner's engineer.
   C. All backfill and fill materials shall be placed in lifts not greater than 8" in loose depth. Before compacting, moisten or aerate each layer as necessary to provide optimum moisture content. Compact each layer to required percentage of maximum density of the area.
7. Finish grading:
   A. The term "finish grading" as used herein shall be defined as that condition that areas not receiving a finish product such as parking areas, driveways, roadways, sidewalks, etc. Finish graded areas would generally be those areas receiving "landscaping" such as seed, sod, trees, bushes, mulch, etc.
   B. The site contractor is responsible for "finish grading" all areas within the perimeter of the "construction site". The definition of the "construction site" is the area encompassing all disturbed areas that were disturbed as a result of the construction process relating to the general contract of which this site contract was part of.

STORM SEWER NOTES

1. Storm sewer shall be constructed in accordance with the following:
   A. "Standard Specifications for Water and Sewer Main Construction in Illinois" (Standard Specifications), Seventh Edition dated 2014 (and all revisions and supplements thereto)
   B. Standards and requirements of Village of Buffalo Grove.
   C. Additional details and requirements provided in the contract documents, including this plan set.
   Where criteria of the aforementioned specifications conflict, the more stringent criteria shall be implemented.
2. All storm sewer pipe shall be reinforced concrete pipe unless otherwise specified in this plan set.
3. All storm sewer system elements shall conform to the following specifications:
   A. Storm pipe:
      A.1. Sump pump service connection and storm sewer extension (4" and 6"):
         A.1.a. ABS pipe shall be in accordance with ASTM D2751.
         A.1.b. SDR 35 PVC pipe shall be in accordance with ASTM D3034.
      A.2. Concrete sewer pipe (10" diameter and smaller) shall be Class III (minimum) in accordance with ASTM C14.
      A.3. Reinforced circular concrete pipe (12" diameter and larger) shall be Class III (minimum), wall B, in accordance with ASTM C76.
      A.4. Reinforced concrete arch culvert pipe shall be double-lined reinforced, Class III (minimum) in accordance with ASTM C506.
      A.5. Reinforced concrete elliptical culvert pipe shall be Class HE-III or VE-III (minimum) in accordance with ASTM C507.
      A.6. Underdrain pipe (4" and 6") shall be SDR 35 PVC pipe in accordance with ASTM D2729.
      A.7. Galvanized corrugated steel culvert pipe shall be type B, with a minimum wall thickness of 14 gauge per AASHTO M246 (shall only be used for culverts).
   B. Joints for storm pipe:
      B.1. ABS pipe joints shall be in accordance with ASTM D2235.
      B.2. PVC pipe joints shall be in accordance with ASTM 3121 (push-on type), except underdrain pipe, which shall have solvent welded joints.
   C. Casing Pipes.
      C.1. 1/4" thick steel in accordance with ASTM A252, grade 2, or ASTM A139, grade B, or approved equal having a minimum yield strength of 35,000 psi.
   D. Manholes and Catch Basins:
      D.1. Manholes and catch basins shall be precast reinforced concrete in accordance with ASTM C478.
      D.2. Manholes and catch basins shall be sized as follows:
         D.2.a. For sewers eighteen inches in diameter or less, manholes shall have a forty-eight inch inside diameter.
         D.2.b. For sewers twenty-one to thirty-six inches in diameter, manholes shall have a sixty inch inside diameter.
         D.2.c. For sewers greater than thirty-six inches in diameter, manholes shall have a seventy-two inch inside diameter or as specified in this plan set. ~~have an offset riser pipe of forty-eight inches inside diameter~~.
      D.3. Adjusting rings:
         D.3.a. No more than 2 precast concrete adjusting rings shall be allowed.
         D.3.b. Precast concrete adjusting rings shall have a maximum height of 6 inches.
      D.4. Pipe and Frame Seals:
         D.4.a. For pipe and frame seals, all pipe connection openings shall be made watertight with hydraulic cement. The hydraulic cement sealing pipe connections shall extend the full thickness of the structure wall. Hydraulic cement shall also be applied within the structure from the cone section, past all adjustment rings, to the frame.
      D.5. All bottom sections shall be monolithically precast including bases and invert flowlines.
   E. Inlets.
      a. Inlets shall be precast reinforced concrete in accordance with ASTM C478 and ASTM C443.
      b. Inlets shall have a twenty-four inch inside diameter and a maximum depth of four feet.
      c. Adjusting rings:
         c.1.a. No more than 2 precast concrete adjusting rings shall be allowed.
         c.a. Precast concrete adjusting rings shall have a maximum height of 6 inches.
      d. Only one pipe connection shall be allowed, and it shall be precast with resilient rubber watertight pipe to manhole sleeves or seals. External flexible watertight sleeves shall also extend from the manhole cone to the manhole frame.
      e. Bottom sections: All bottom sections shall be monolithically precast including bases and invert flowlines.
   F. Castings (Unless otherwise noted within the plans):
      F.1. Unless otherwise specified as a "closed lid", manhole frames and covers shall be as listed below. Close lid frame and covers shall be Neenah R-1916-C embossed "STORM SEWER".
         e.a. Manhole steps shall be Neenah R-1981-N.
      f. Six inch curb and gutter inlet shall be Neenah R-3278-A
      g. Yard inlets shall be Neenah R-4340-B.
      h. Parking lot inlets shall be Neenah R-2595-A.
   G. Crushed Granular Bedding shall be crushed gravel or crushed stone course aggregate in accordance with ASTM C33 (Size No. 67).
4. All end sections 24" and greater shall come equipped safety bars per IDOT detail Standard 542411.
5. Inspect pipe for defects and cracks before being lowered into the trench, piece by piece. Remove and replace defective, damaged or unsound pipe or pipe that has had its grade disturbed after laying. Protect open ends with a stopper to prevent earth or other material from entering the pipe during construction. Remove dirt, excess water, and other foreign materials from the interior of the pipe during the pipe laying progress.
6. Install pipe in accordance with manufacturer's written recommendations.
7. Commence installation at the lowest point for each segment of the route. Lay RCP with the groove or bell end up-stream.
8. Lay pipe to the required line and slope gradients with the necessary fittings, bends, manhole, risers and other appurtenances placed at the required location as noted on Drawings.
9. All storm sewers under and within two feet of any existing or proposed pavement shall be backfilled with granular backfill material IDOT gradation FA-6 or approved equal (Grade 8 or Grade 9).
10. Compact backfill to 98 percent of maximum density in accordance with ASTM D698, (or 95 percent of maximum density, in accordance with ASTM D1557) obtained at optimum moisture as determined by AASHTO T180.
11. Do not backfill trenches until required tests are performed and utility systems comply with and are accepted by applicable governing authorities.
12. Backfill trenches to contours and elevations shown on the drawings.

GENERAL PAVING NOTES

1. All pavement shall be constructed in accordance with the following:
   A. Concrete pavement shall be constructed in accordance with the Illinois Department of Transportation (IDOT) "Standard Specifications for Road and Bridge Construction" (Standard Specifications), latest edition, including all updates and standards thereto.
   B. Standards and requirements of Village of Buffalo Grove.
   C. Additional details and requirements provided in the contract documents, including this plan set.
2. All proposed pavement areas shall be stripped of all topsoil and unsuitable material and excavated or filled to within 0.10 feet of design subgrade.
3. The subgrade of pavement areas shall be free of all unsuitable material and shall be compacted to a minimum 95 per cent of Standard proctor density.
4. The subgrade shall be proof rolled, inspected and approved by the Village of Buffalo Grove prior to placing the base material. Notify the engineer at least 48 hours prior to finished subgrade preparation.
5. The earthwork contractor shall be responsible for removal of spoil material from the underground contractors, preparing the roadway subgrade, proof rolled, placing topsoil to a minimum depth of 4 inches to finished grade in the parkways areas only, grading of drainage swales, and all other tasks as directed by the owner or engineer.
6. The quantities contained in these documents are approximate and estimated, and are presented as a guide to the contractor in determining the scope of work. It is the Contractor's responsibility to determine all quantities and to become familiar with the site and soil conditions.
7. The paving Contractor is responsible for the final subgrade preparation, proof rolling, the pavement base, binder, and surface, and all final clean-up and related work associated with the paving operation.
8. The proposed pavement shall be of the type and thickness as specified in the engineering drawings, and constructed in strict conformance with the previously referenced IDOT standard specifications and Village of Buffalo Grove.
9. Areas of deficient paving, including compaction, smoothness, thickness, and asphalt mixture, shall be delineated, removed, and replaced in compliance with Specifications requirements unless corrected otherwise as directed and approved by the owner.
10. Field quality control tests specified herein will be conducted by the owner's Independent Testing Laboratory (ITL) at no cost to the contractor. Any testing and inspection resulting from the requirements of necessary permits by Village of Buffalo Grove or the State of Illinois shall be at the contractor's expense. The contractor shall perform additional testing as considered necessary by the contractor for assurance of quality control. Retesting required as a result of failed initial tests shall be at the contractor's expense.
    A. Field testing, frequency, and methods may vary as determined by and between the owner, the ITL and Village of Buffalo Grove.
    B. Testing shall be performed on finished surface of each asphalt concrete course for smoothness, using 10'-0" straightedge applied parallel with, and at right angles to centerline of paved area. The following tolerances in 10 ft shall not be exceeded: Base Course Surface: 1/4-inch, Wearing Course Surface: 1/8-inch.
    C. No ponding shall occur on paved surfaces.

PAVEMENT MARKING NOTES

1. Material description: a fast drying, high hiding marking paint for concrete, brick, and bituminous surface, suitable for painting centerlines and edgelines of highways, Village of Buffalo Grove crosswalks and stop zones, parking lots, traffic aisles, etc. Do not apply to in temperatures below 50 °F.

WATER UTILITY NOTES

1. Water mains and services shall be constructed in accordance with the following:
   A. "Standard Specifications for Water and Sewer Main Construction in Illinois" (Standard Specifications), Seventh Edition dated 2014 (and all revisions and supplements thereto).
   B. All applicable state and local plumbing codes.
   C. Additional details and requirements provided in the contract documents, including this plan set.
   D. Village of Buffalo Grove watermain codes.
   Where criteria of the aforementioned specifications conflict, the more stringent criteria shall be implemented.
2. Contact all public and private utility companies 48 hours prior to any excavation. Cost of replacement or repair of existing utilities damaged as a result of the contractor's operation shall be the contractor's responsibility.
3. All water main and service pipe greater than 2" in diameter shall be ductile iron pipe conforming to AWWA C151, class or thickness per AWWA C150, seal coated and / or cement line per AWWA C104, with mechanical or rubber ring (slip seal or push on) joints. Fittings shall comply with AWWA C110. Joints shall comply with AWWA C111.
4. The minimum cover for all water main and water service pipe is 6' from finished grade to top of pipe.
5. All water mains under and within two feet of any existing or proposed street pavement or curb shall be backfilled with IDOT approved granular backfill material.
6. Trench backfill shall be placed in lifts not to exceed 12" compacted to 95% of maximum Standard proctor density.
7. All valves shall be resilient gate Mueller model A-2361 or approved equal. All valves shall open left.
8. Water main separation from storm and sanitary sewer shall conform to section 41-2.01 of the Standard Specifications.
9. The water service pipe shall be type K copper tubing in accordance with ASTM B88 and ASTM 251 up to 2" in diameter.
10. All corporation stops and curb stops shall be fabricated of brass and shall be provided with outlets suitable for copper connections. The corporation stop, curb stop, and the service box shall be of type and manufacture acceptable to the Village of Buffalo Grove.
11. No object may be constructed, maintained or installed within 48 inches of a fire hydrant. No trees, bushes, poles, or other obstacles which may hide or impede the use of a fire hydrant will not be permitted.
12. Hydrants shall be painted in conformity to AWWA C502. The contractor shall verify color of paint with the Village of Buffalo Grove prior to procurement.
13. All fire hydrants shall comply with AWWA Standard C502 and Village of Buffalo Grove requirements. The contractor shall contact the Village of Buffalo Grove for specific requirements. All public hydrants shall have a "breakaway" design and shall be placed so that the center of the pumper nozzle is 18 to 24 inches above the ground line. A hole of 1/2 cubic yard volume shall be dug at each hydrant and filled with washed gravel to act as a drain for two (2) bronze lined outlets. Hydrants shall be Mueller Centurion model A-423 unless a different model is approved in advance by Village of Buffalo Grove.
14. Fire hydrants shall be placed at least 3 feet off the edge of pavement.
15. Connections to Existing Mains. All connections to the Village water distribution system shall be made under full water service pressure unless otherwise approved by the Village Engineer at locations approved by the Village Engineer.
16. Pressure Test.
   A. As part of the construction, the water mains shall be pressure tested in accordance with Section 41-2.12 of the Standard Specifications.
   B. All newly laid pipe shall be subjected to a hydrostatic pressure of 150 pounds per square inch. Duration of each pressure test shall be for a period of not less than two hours. Each valved section of pipe shall be filled with water and the specified test pressure shall be applied by means of a pump connected to the pipe.
   C. Before applying the specified test pressure, all air shall be expelled from the pipe. All leaks shall be repaired until tight. Any cracked or defective pipes, fittings, valves, or hydrants discovered in consequence of this pressure test shall be removed and replaced and the test repeated until satisfactory results are obtained.
15. All testing shall be done after the installation of service lines. Suitable means shall be provided for determining the quantity of water lost by leakage under the specified test pressure in accordance with Section 41-2.14C of the Standard Specifications.
16. Disinfection.
   A. Water from the existing distribution system or other source of supply shall be controlled so as to flow slowly into the newly laid pipeline during the application of chlorine gas. The rate of chlorine mixture flow shall be in such proportion to the rate of water entering the pipe that the chlorine dose applied to the water entering the newly laid pipe shall be at least forty to fifty ppm, or enough to meet the requirements during the retention period. This may require as much as one hundred ppm of chlorine in the water left in the line after chlorination.
   B. Valves shall be manipulated so that the strong chlorine solution in the line being treated will not flow back into the line supplying the water.
   C. Treated water shall be retained in the pipe long enough to destroy all spore-forming bacteria. This retention period shall be at least twenty-four hours. After the chlorine-treated water has been retained for the required time, the chlorine residual at the pipe extremities and at other representative points should be at least ten ppm.
   D. In the process of chlorinating newly laid pipe, all valves or other appurtenances shall be operated while the pipeline is filled with the chlorinating agent.
   E. All water mains and services shall be disinfected and tested according to the requirements of the Standards for Disinfecting Water Mains, AWWA C601. All disinfection shall be performed by an independent firm exhibiting experience in the methods and techniques of this operation, and shall be approved by the Village.
17. Final Flushing and Testing.
   A. Following chlorination, all treated water shall be thoroughly flushed from the newly laid pipeline at its extremities until the replacement water, throughout its length shall, upon test, be approved as safe water by the Village Engineer. This quality of water delivered by the new main should continue for a period of at least two full days as demonstrated by laboratory examination of samples taken from a tap located and installed in such a way as to prevent outside contamination. Samples should never be taken from an unsterilized hose or from a fire hydrant, because such samples seldom meet current bacteriological standards.
   B. After disinfecting and flushing, water samples shall be collected by the contractor on two successive days, with notice given, so that the collection may be witnessed by the Village. Bacteriological sampling and analysis of the samples shall be performed by a laboratory approved by the Illinois Department of Public Health and the Village. Should the initial treatment result in an unsatisfactory bacterial test, the procedure shall be repeated until satisfactory results are obtained. The contractor or developer shall pay for the sampling and analysis. Results of the analysis shall be transmitted by the laboratory directly to the Village Engineer. Test results shall indicate the date the sample was collected, the date the analysis was made, the exact locations at which samples were taken, the firm submitting the sample, and the project at which the samples were collected. Sufficient samples shall be collected in order to insure that the system is bacteriologically safe.
18. Any areas where solid rock is encountered when laying the water main, approved bedding material shall be used.

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ISSUANCE

10/15/2025 PERMIT SET

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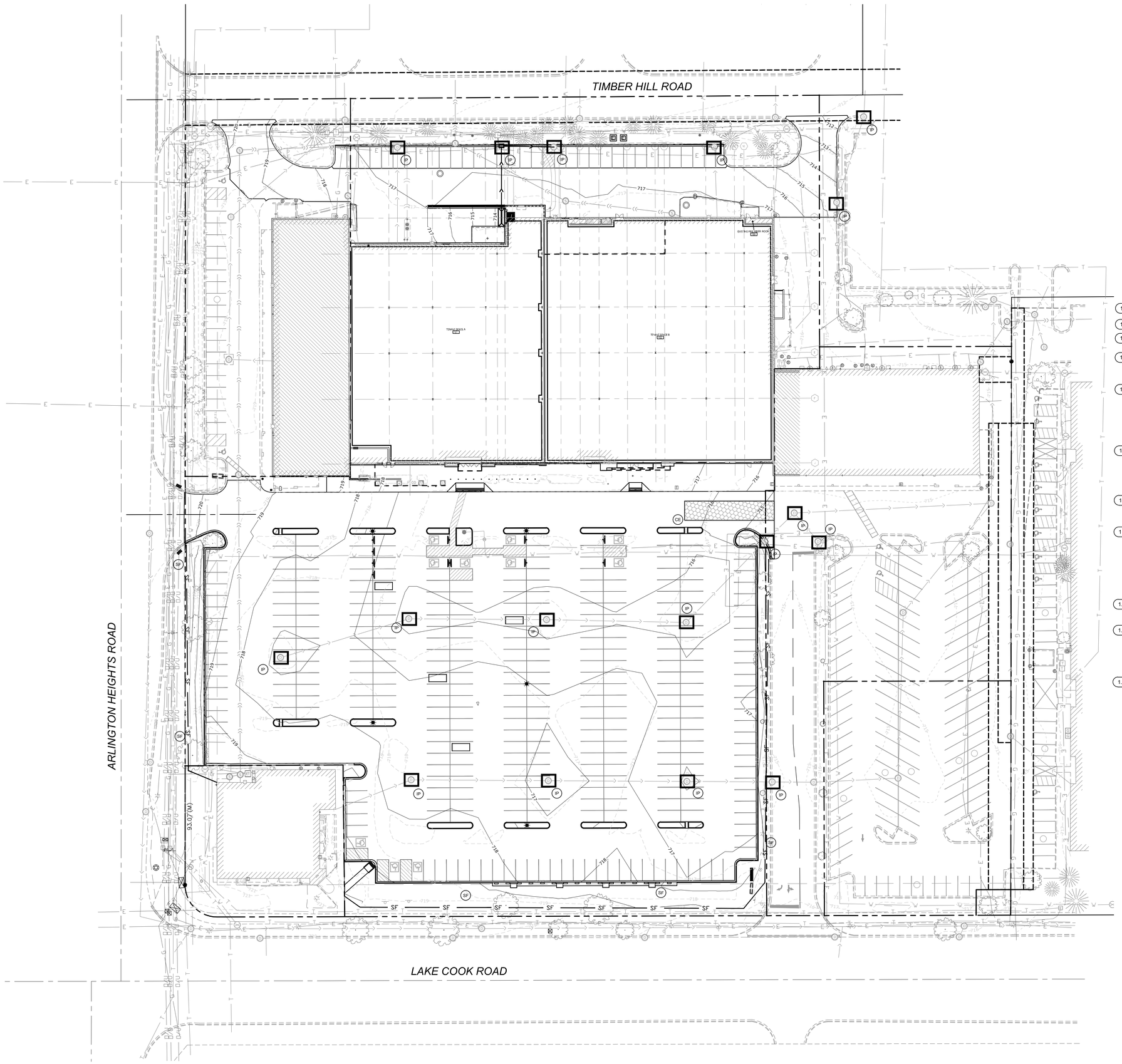
ARC PROJECT: #25056

GENERAL NOTES
C101



LEGEND

SEE SITE PLAN SET FOR EXISTING SYMBOLS

- PROPERTY LINE
- LIMITS OF DISTURBANCE
- PERMANENT STORM SEWER FLOWING TO THE LEFT. SEE SITE DRAINAGE PLAN FOR PERMANENT STORM SEWER INFORMATION
- 800 — PROPOSED CONTOUR LINE
- 800 — EXISTING CONTOUR LINE
- PROPOSED CURB AND GUTTER
- PROPOSED CATCH BASIN OR MANHOLE
- DIRECTION OF OVERLAND FLOOD ROUTE
- DIRECTION OF OVERLAND FLOW AND SLOPE
- TURF AREA (SEE LANDSCAPING PLAN FOR TYPE)
- X.XX — SEE SPECIFIC KEY NOTE ON THIS SHEET

EROSION DETAILS (SEE SWPPP DETAILS SHEET FOR ITEMS BELOW)

- 1.01 CE — TEMPORARY STONE CONSTRUCTION EXIT
- 1.02 SF — SF — TEMPORARY SILT FENCE
- 1.03 IP — INLET PROTECTION PER STRUCTURE TYPE
- 1.04 OCP — OUTLET CONTROL PROTECTION
- CD — TEMPORARY CHECK DAM
- 1.05 BLS — SHORT TERM SLOPE EROSION CONTROL BLANKET

EROSION CONTROL REFERENCE NOTES

1.01 SEE CONSTRUCTION EXIT DETAIL IL-630 FROM THE ILLINOIS URBAN MANUAL (THIS DETAIL AND OTHERS CAN BE FOUND IN THE SWPPP BINDER FOR THIS SITE). THE CONSTRUCTION EXIT SHALL BE A MINIMUM OF 24' IN WIDTH AND 50' FEET IN LENGTH FROM EXISTING PAVED SURFACE. ALL CONSTRUCTION TRAFFIC MUST UTILIZE CONSTRUCTION EXITS PER DETAIL TO ACCESS THE PUBLIC ROAD. DURING CONSTRUCTION, THE CONSTRUCTION EXITS MAY BE SHIFTED AT THE CONTRACTOR'S DISCRETION TO FACILITATE GRADING OPERATION. EXIT MUST TERMINATE AT EXISTING PAVED SURFACE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE RUNOFF FROM THE CONSTRUCTION EXIT IS DIRECTED BACK TOWARD THE SITE OR THAT THE RUNOFF IS CLEAR OF SEDIMENT.

1.02 THE CONTRACTOR MAY PERMANENTLY REMOVE ANY PORTION OF THE PERIMETER SILT FENCE AFTER ESTABLISHMENT OF FINAL GRADE AND/OR FINAL STABILIZATION RENDERS THE RESPECTIVE PORTION OF THE PERIMETER SILT FENCE UPSTREAM OF A DISTURBANCE AND/OR INEFFECTIVE AS A BEST MANAGEMENT PRACTICE. ANY SUCH REMOVAL SHALL BE NOTED ON THE SWPPP SITE MAPS ALONG WITH UPSTREAM STABILIZATION AND GRADING CONDITIONS.

1.03 NO STRUCTURE SHALL BE ALLOWED TO BE PROTECTED WITH ANY MEASURE OTHER THAN THOSE DETAILED IN THIS SWPPP SITE MAP FOR MORE THAN 48 HOURS OR IF RAIN IS IMMINENT. STRUCTURES THAT WILL NOT RECEIVE A CASTING WITHIN 48 HOURS OF INSTALLATION SHALL RECEIVE INLET PROTECTION. UPON INSTALLATION OF THE GRATE, INLET PROTECTION SHALL BE INSTALLED RESPECTIVE TO THE TYPE OF GRATE. STRUCTURES WITH CLOSED LIDS WILL NOT REQUIRE PROTECTION FOLLOWING INSTALLATION OF LID. CONTRACTOR SHALL NOTE TIME STRUCTURE INSTALLATION (AND PROTECTION INSTALLATION, INCLUDING TYPES OF PROTECTION) ARE EMPLOYED. WHENEVER PIPE INSTALLATION IS HALTED FOR MORE THAN 24 HOURS OR WHEN RAIN IS IMMINENT, THE OPEN END SHALL BE PROTECTED WITH A TEMPORARY BULK HEAD. A 3/4" SHEET OF PLYWOOD THAT EXTENDS 6" BEYOND THE OUTSIDE DIAMETER OF THE PIPE SHALL BE PLACED AGAINST THE EXPOSED PIPE END. GRAVEL SHALL BE PLACED AGAINST THE PLYWOOD IN SUFFICIENT QUANTITY SO AS TO ENSURE THE TIGHTEST POSSIBLE SEAL. THE TRENCH SHALL BE DEWATERED PRIOR TO REMOVING THE BULKHEAD.

1.04 OCP SHALL BE PLACED TO PROTECT THE UPSTREAM END OF THE PERMANENT OUTFALL PIPE PRIOR TO PIPE INSTALLATION. SEE PLAN FOR FINAL LOCATION AND TOP OF OCP ELEVATION. FOLLOWING BASIN SIDE SLOPE STABILIZATION, THE OCP SHALL BE REPLACED WITH THE PERMANENT RIPRAP PAD SPECIFIED ON THE SITE DRAINAGE PLAN.

1.05 SHORT TERM EROSION CONTROL FABRIC NAG SC150 SHALL BE APPLIED TO ALL SLOPES 4:1 OR STEEPER THAN 4:1 AFTER PERMANENT SEEDING. FOLLOW MANUFACTURER SPECIFICATIONS FOR INSTALLATION. CONTRACTOR SHALL NOTE ALL AREAS WHERE NAG SC150 HAS BEEN INSTALLED RELATIVE TO ASBUILT GRADES AND FURNISH THESE BOUNDARIES TO THE CIVIL ENGINEER UPON REQUEST. PERMANENT SEEDING SHOULD BE PLANTED AS SOON AS IT IS PRACTICAL TO ENSURE PROPER GERMINATION PRIOR TO TERMINATION OF PERMIT COVERAGE. THE CONTRACTOR SHALL PLANT PERMANENT SEEDING AS SPECIFIED ON THE LANDSCAPING PLAN AS SOON AS FINAL BASIN GRADES ARE ESTABLISHED AS SPECIFIED ON THE GRADING PLAN. SEE SITE LANDSCAPING PLAN FOR EXACT GROUND COVER TYPE AND LOCATION.

1.06 OFFSITE UTILITY TRENCHING SPOILS MUST BE TREATED AS STOCKPILES FOR SWPPP PURPOSES. BMP'S MUST PROTECT THE SIDE OF THE SPOIL STOCKPILE THAT IS FARTHEST AWAY FROM THE TRENCH. INTERMEDIATE BMP'S SHALL BE LOCATED IN THE FIELD TO PREVENT DOWNSTREAM SEDIMENT RUNOFF. NO MORE THAN 100 LF OF TRENCH MAY REMAIN OPEN AT ANY ONE TIME. CONTRACTOR IS RESPONSIBLE FOR RESTORING GRADE AND VEGETATION THROUGHOUT THE DISTURBED AREA. THE CONTRACTOR SHALL ENSURE THAT THE OFFSITE WORK ZONES POSE NO PUBLIC SAFETY HAZARDS.

SEQUENCE OF CONSTRUCTION

1. PLACE SWPPP BOX ON SITE. SWPPP BOX SHALL CONTAIN A COPY OF THE LETTER OF COVERAGE AND ILLINOIS GENERAL PERMIT. SWPPP BOX SHALL CONSIST OF LARGE MAILBOX WITH THE LETTERS "SWPPP" ON THE SIDES. MAILBOX SHALL BY SUPPORTED BY A 4"X4" POST IN A 5-GALLON BUCKET OF CONCRETE, TO ALLOW THE BOX TO BE PORTABLE AND REUSABLE.
2. PREPARE TEMPORARY PARKING AND STORAGE AREA. UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS:TRAILER, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, MASONS AREA, FUEL AND MATERIAL STORAGE CONTAINERS, ETC., DENOTE THEM ON THE SITE MAPS IMMEDIATELY AND NOTE ANY CHANGES IN THE LOCATIONS AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.
3. CONSTRUCT THE SILT FENCES ON THE SITE. INSTALL INLET PROTECTION DEVICES IN EXISTING STRUCTURES.
4. TEMPORARILY SEED, THROUGHOUT CONSTRUCTION, DENUDED AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.
5. INSTALL UTILITIES, UNDERDRAINS, AND STORM SEWERS. INSTALL INLET PROTECTION CONCURRENTLY.
6. PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
7. PREPARE AREA OF SITE FOR PAVING FOR PARKING AREAS.
8. PAVE AREA OF SITE.
9. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
10. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED.)

N
0 30' 45' 60'

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ISSUANCE

10/15/2025 PERMIT SET

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9531005
PROJECT MANAGER
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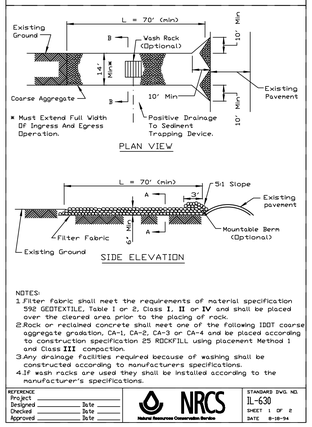
PROFESSIONAL
J. LINKENHELD
DRAWN BY
M. HEITING
CHECKED BY
J. LINKENHELD

SWPPP SITE MAP
C102

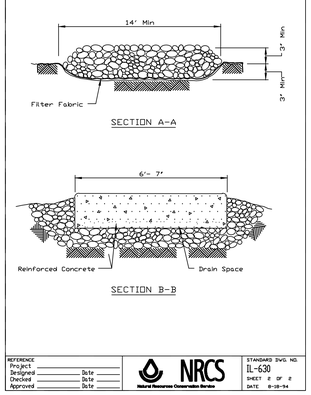
STABILIZED CONSTRUCTION ENTRANCE PLAN



NOTES:
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class **I, II** or **IV** and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class **III** compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

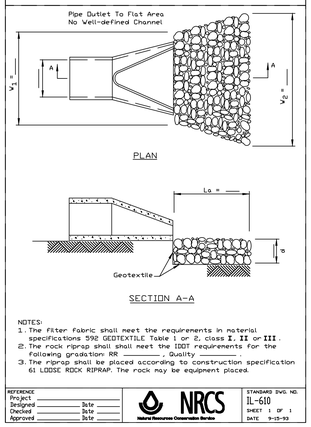
REFERENCE		STANDARD DWG. NO.
Project	NRCS Natural Resources Conservation Service	IL-630
Designed Date		SHEET 1 OF 2
Checked Date		DATE 8-18-94
Approved Date		

STABILIZED CONSTRUCTION ENTRANCE PLAN



REFERENCE		STANDARD DWG. NO.
Project	NRCS Natural Resources Conservation Service	IL-630
Designed Date		SHEET 2 OF 2
Checked Date		DATE 8-18-94
Approved Date		

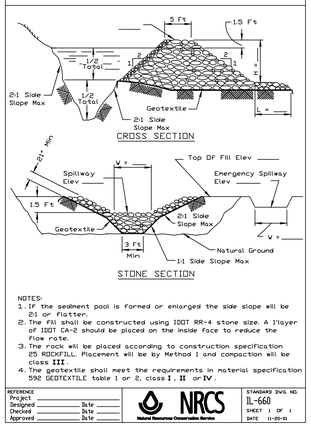
PIPE OUTLET TO FLAT AREA



NOTES:
1. The Filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table I or 2, class **I, II** or **III**.
2. The rock riprap shall shall meet the IDOT requirements for the following gradation: RR _____, Quality _____
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

REFERENCE		STANDARD DWG. NO.
Project	NRCS Natural Resources Conservation Service	IL-610
Designed Date		SHEET 1 OF 1
Checked Date		DATE 9-15-93
Approved Date		

TEMPORARY SEDIMENT TRAP

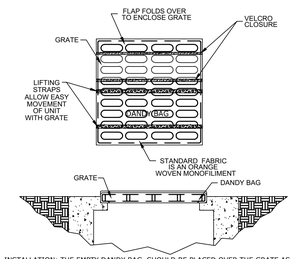


NOTES:
1. If the sediment pool is formed or enlarged the side slope will be 2:1 or flatter.
2. The Fill shall be constructed using IDOT RR-4 stone size. A 1'layer of IDOT CA-2 should be placed on the inside face to reduce the flow rate.
3. The rock will be placed according to construction specification 25 ROCKFILL. Placement will be by Method 1 and compaction will be class **III**.
4. The geotextile shall meet the requirements in material specification 592 GEOTEXTILE table 1 or 2, class **I , II** or **IV** .

REFERENCE		STANDARD DWG. NO.
Project	NRCS Natural Resources Conservation Service	IL-660
Designed Date		SHEET 1 OF 1
Checked Date		DATE 11-20-01
Approved Date		

TEMP. DANDY PRODUCTS, INC. DANDY BAG

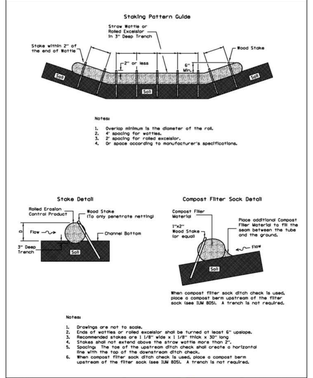
NOT TO SCALE



INSTALLATION: THE EMPTY DANDY BAG SHOULD BE PLACED OVER THE GRATE AS THE GRATE STANDS ON END. IF USING OPTIONAL OIL ABSORBENTS; PLACE ABSORBENT PILLOW IN POUCH, ON THE BOTTOM (BELOW-GRADE SIDE) OF THE UNIT. ATTACH ABSORBENT PILLOW TO TETHER LOOP. TUCK THE ENCLOSURE FLAP INSIDE TO COMPLETELY ENCLOSE THE GRATE. HOLDING THE LIFTING DEVICES (DO NOT RELY ON LIFTING DEVICES TO SUPPORT THE ENTIRE WEIGHT OF THE GRATE), PLACE THE GRATE INTO ITS FRAME.

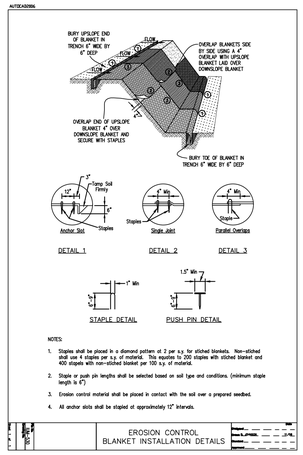
MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE DANDY BAG AS NEEDED. IF USING OPTIONAL OIL ABSORBENTS; REMOVE AND REPLACE ABSORBENT PILLOW WHEN NEAR SATURATION.

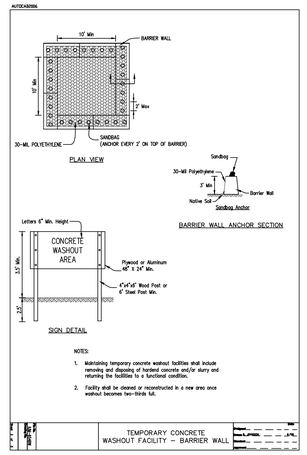
ROLLED EROSION CONTROL PRODUCTS



Notes:
1. Drawings are not to scale.
2. Ends of wattles or rolled excelsior shall be turned at least 6" upslope.
3. Wattles shall be installed in a 3" deep trench, dug on contour.
4. Stakes shall not extend above the entire wattle more than 2".
5. Spacings: The toe of the upstream ditch check shall create a horizontal line with the top of the downstream ditch check.
6. When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

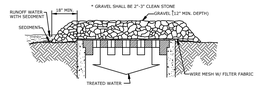
REFERENCE		STANDARD DWG. NO.
Project		IUM-514
Designed Date		SHEET 1 OF 1
Checked Date		DATE 8-19-11
Approved Date		





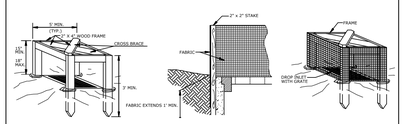
TEMP. GRAVEL AND WIRE MESH INLET SEDIMENT FILTER

NOT TO SCALE



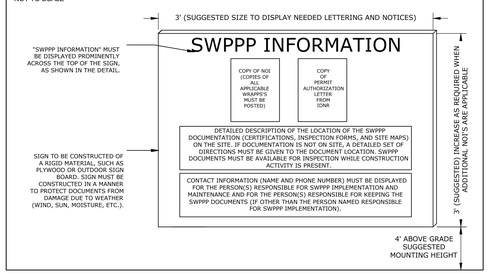
TEMP. SILT FENCE INLET PROTECTION

NOT TO SCALE



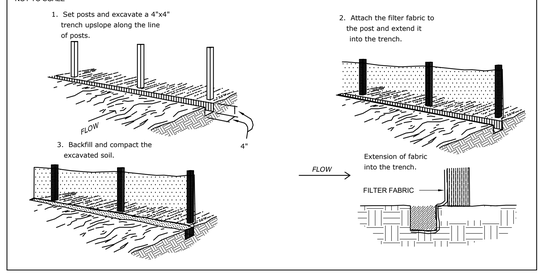
SWPPP INFORMATION SIGN (EXAMPLE)

NOT TO SCALE



TEMP. SILT FENCE (PERIMETER) DETAIL

NOT TO SCALE



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CHASE PLAZA
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ISSUANCE
10/15/2025 PERMIT SET

PROJECT NUMBER
95310005
PROJECT MANAGER
S. CHOVAN
PROFESSIONAL
J. LINKENHELD
DRAWN BY
M. HEITING
CHECKED BY
J. LINKENHELD

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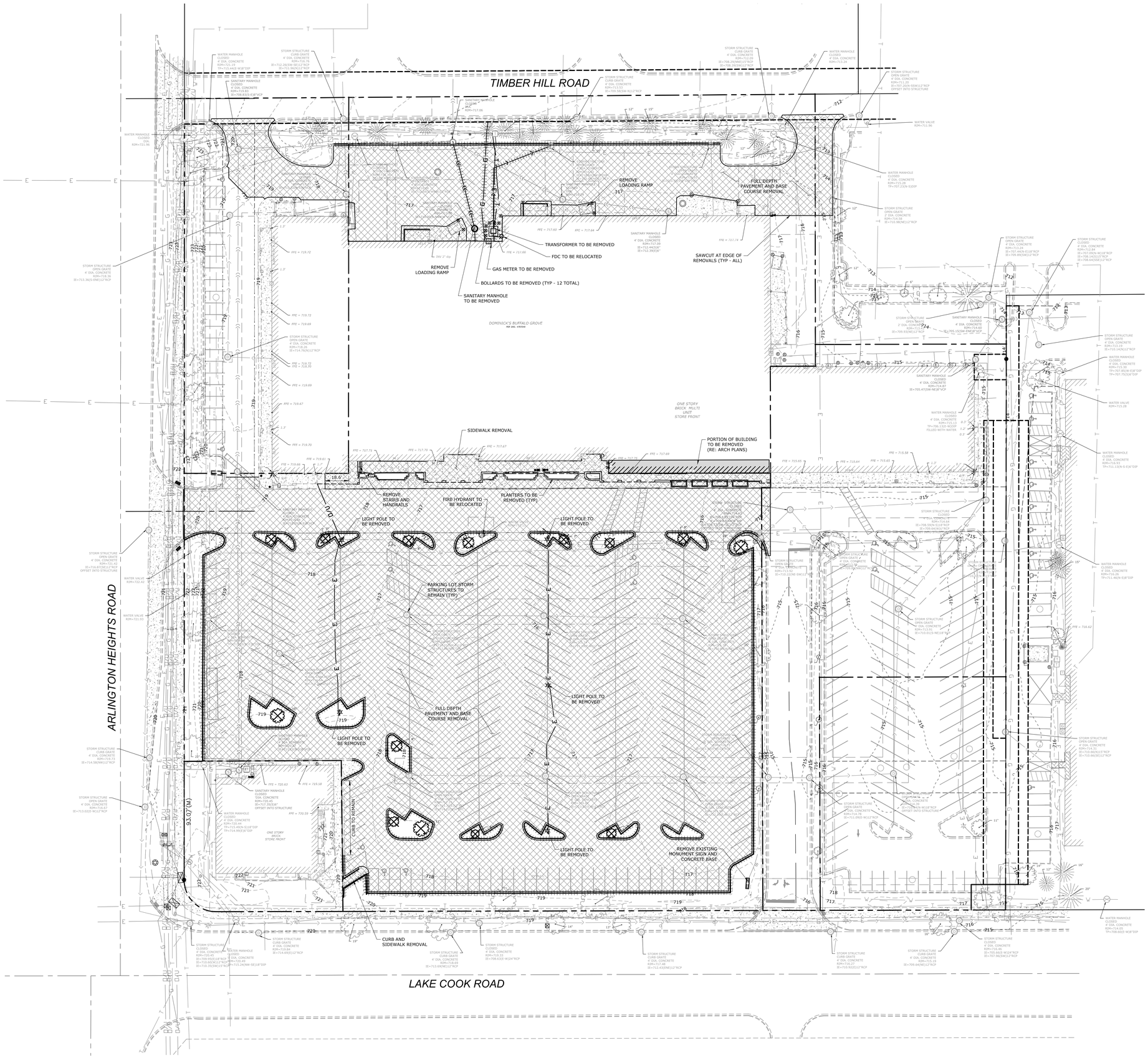
Illinois Design Firm License No. 184-001334

ARC PROJECT: #25056

SWPPP DETAILS
C103



LEGEND

- PROPERTY LINE
- LOT LINE
- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT LINE
- EXISTING CURB AND GUTTER
- REMOVE EXISTING CURB AND GUTTER
- EXISTING SANITARY SEWER TO REMAIN
- REMOVE EXISTING SANITARY SEWER
- EXISTING STORM SEWER TO REMAIN
- REMOVE EXISTING STORM SEWER
- EXISTING WATER TO REMAIN
- REMOVE EXISTING WATER
- EXISTING OVERHEAD UTILITIES TO REMAIN
- REMOVE EXISTING OVERHEAD UTILITIES
- EXISTING GAS MAIN TO REMAIN
- REMOVE EXISTING GAS MAIN
- EXISTING FENCE TO REMAIN
- REMOVE EXISTING FENCE
- EXISTING CONTOUR LINE
- REMOVE EXISTING PAVEMENT, CONCRETE SIDEWALKS OR FOUNDATIONS
- REMOVE EXISTING BUILDINGS AND APPURTENANCES
- (SVG) "SALVAGE"
- (TYP) "TYPICAL" FOR ALL SIMILAR ITEMS
- EXISTING WATER TO REMAIN
- REMOVE EXISTING WATER
- EXISTING SIGN TO REMAIN
- REMOVE EXISTING SIGN
- EXISTING GAS METER TO REMAIN
- REMOVE EXISTING GAS METER
- EXISTING ELECTRIC METER TO REMAIN
- REMOVE EXISTING ELECTRIC METER
- EXISTING STORM SEWER TO REMAIN
- REMOVE EXISTING STORM SEWER
- EXISTING SANITARY SEWER TO REMAIN
- REMOVE EXISTING SANITARY SEWER
- BENCHMARK
- EXISTING TRAFFIC SIGNAL MAST ARM
- EXISTING SIGNAL CONTROLLER
- EXISTING LIGHT POLE TO REMAIN
- REMOVE EXISTING LIGHT POLE
- REMOVE EXISTING SHRUBS
- REMOVE EXISTING TREE
- EXISTING TREE TO REMAIN

N
0 30' 45' 60'

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ISSUANCE
10/15/2025 PERMIT SET

PROJECT NUMBER
95310005
PROJECT MANAGER
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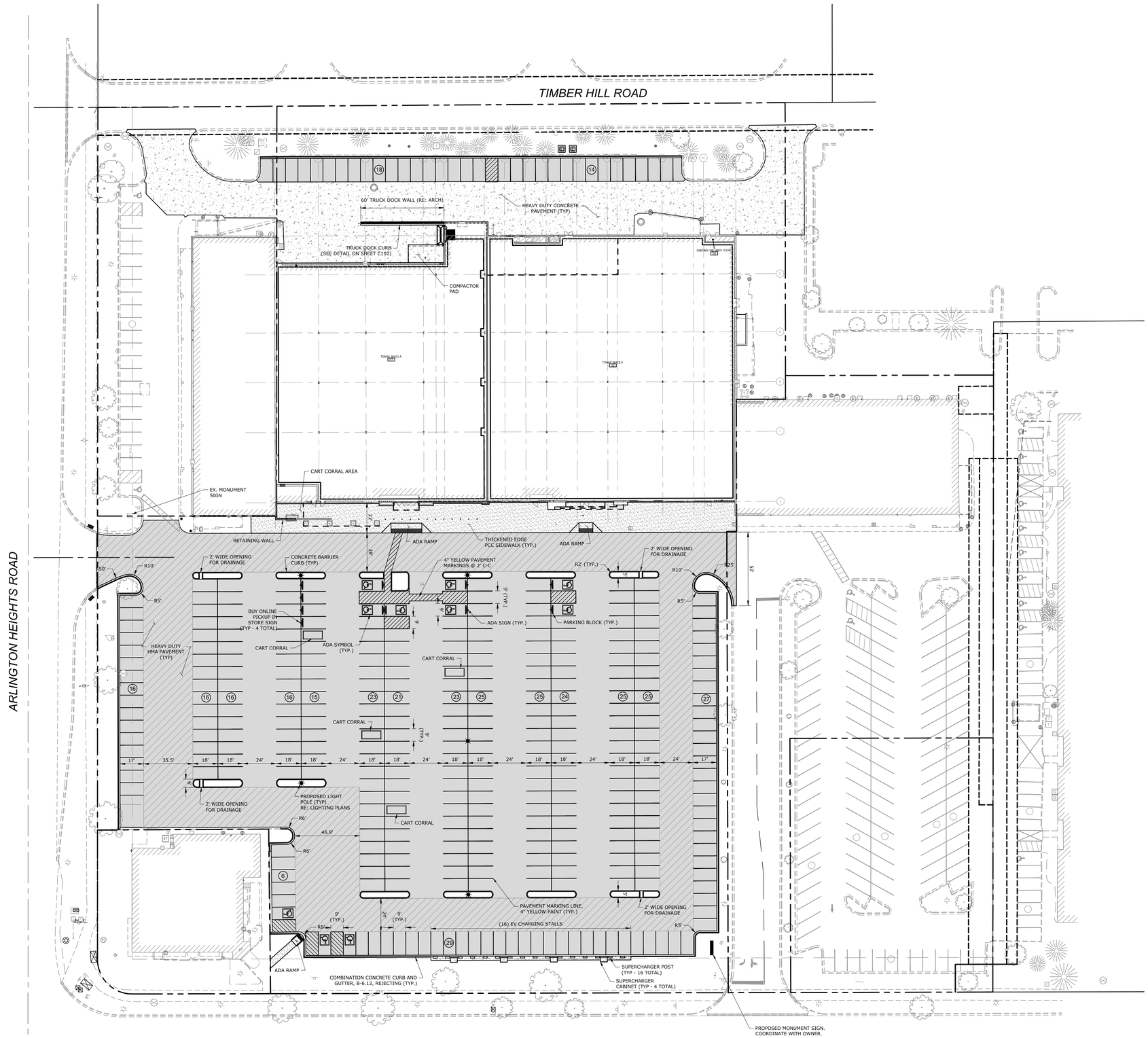
ARC PROJECT: #25056

EXISTING CONDITIONS & REMOVALS PLAN
C104



LEGEND

- PROPERTY LINE
- LOT LINE
- EXISTING RIGHT-OF-WAY
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- EXISTING FENCE
- LIGHT POLE AND FIXTURE
- PROPOSED ADA PARKING SPACE
- NUMBER OF PROPOSED PARKING SPACES IN A ROW
- PROPOSED PARKING STALLS
- PROPOSED CONCRETE SIDEWALK
- PROPOSED HEAVY DUTY CONCRETE PAVEMENT
- PROPOSED STANDARD DUTY ASPHALT PAVEMENT
- PROPOSED HEAVY DUTY ASPHALT PAVEMENT
- PROPOSED TURF AREA

LAYOUT NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION AND ELEVATION OF EXISTING PIPE INVERTS, FLOOR ELEVATIONS, CURB OR PAVEMENT WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES. NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.
2. REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
3. DIMENSIONS THAT LOCATE THE BUILDING ARE MEASURED TO THE OUTSIDE FACE OF THE BUILDING.
4. SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
5. ALL RADII ARE DIMENSIONED TO THE EDGE OF PAVEMENT.
6. SOME FIELD ADJUSTMENTS MAY BE NECESSARY AT POINTS WHERE PROPOSED PAVEMENT, CURB AND SIDEWALKS MEET EXISTING PAVEMENT, CURB AND SIDEWALKS. REVIEW ANY REQUIRED CHANGES WITH ENGINEER PRIOR TO CONSTRUCTION OF WORK.
7. ELECTRICAL CIRCUITRY TO SITE LIGHTING AND MONUMENT SIGN SHOWN ON ARCHITECTURAL PLANS.

364 PARKING STALLS PROVIDED
8 ADA STALLS REQUIRED
10 ADA STALLS PROVIDED

N
0 30' 45' 60'

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SHOREWOOD DEVELOPMENT GROUP

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ISSUANCE

10/15/2025 PERMIT SET

PROJECT NUMBER
9531005
PROJECT MANAGER
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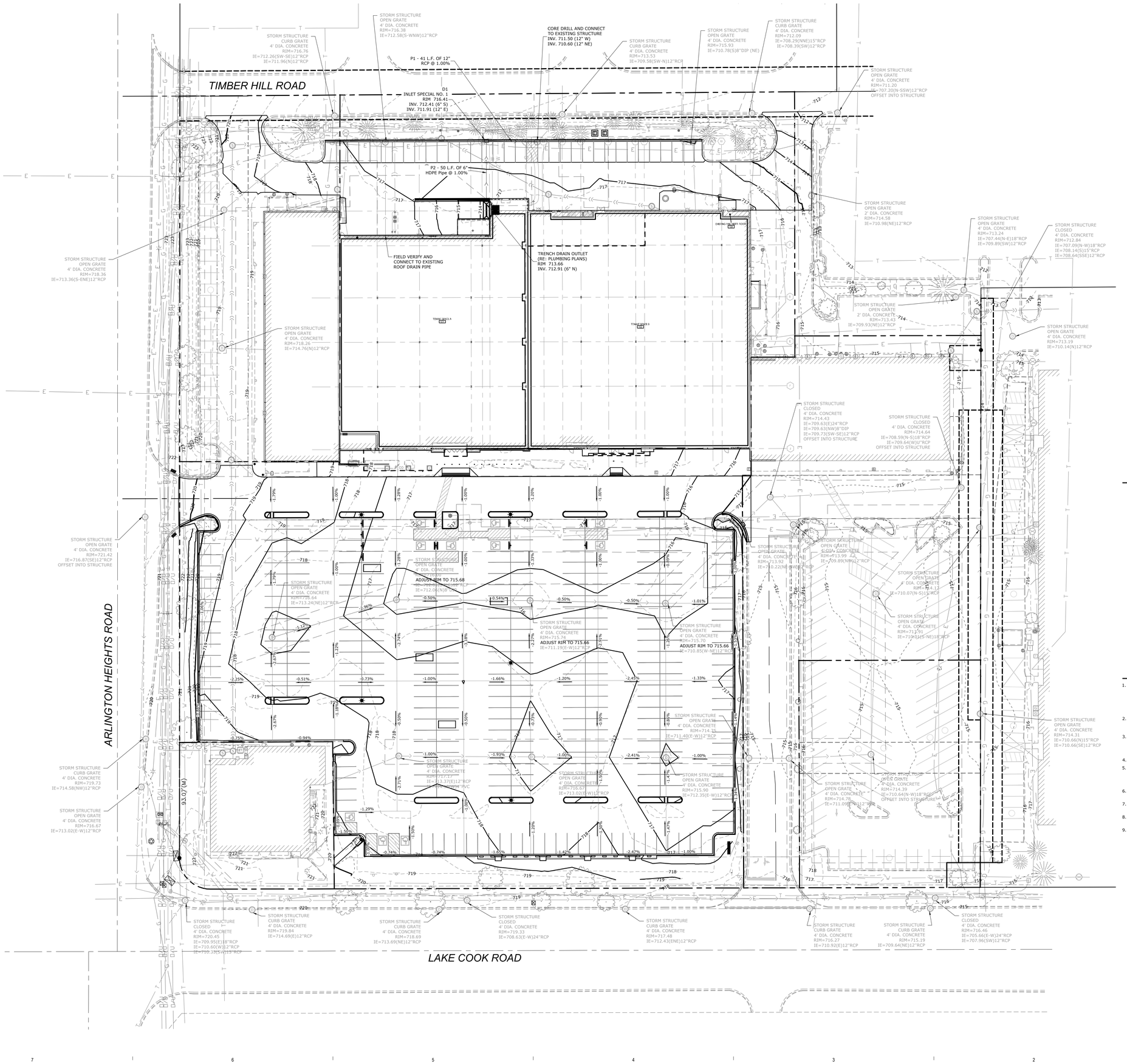
DRAWN BY
M. HEITING
CHECKED BY
J. LINKENHELD

LAYOUT PLAN

C105



LEGEND

- PROPERTY LINE
- LOT LINE
- EXISTING RIGHT-OF-WAY
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- PROPOSED GRADE BREAK LINE
- 800 PROPOSED CONTOUR LINE
- 800 EXISTING CONTOUR LINE
- PROPOSED CATCH BASIN OR MANHOLE
- CO. PROPOSED CLEANOUT
- 1.6% DIRECTION OF SHEET FLOW
- BENCHMARK
- EMERGENCY OVERLAND FLOW ROUTE

GRADING NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION AND ELEVATION OF EXISTING PIPE INVERTS, FLOOR ELEVATIONS CURB OR PAVEMENT WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL OR VERTICAL CONTROL BY REFERENCING SHOWN COORDINATES OR ELEVATIONS TO HORIZONTAL OR VERTICAL CONTROL POINTS PRIOR TO PROCEEDING WITH WORK.
2. ALL UNSURFACED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL AND SODDED (OR SEEDED WHERE NOTED) AND WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
3. ALL STORM SEWER PIPE IS TO BE REINFORCED CONCRETE CULVERT PIPE CLASS IV UNLESS OTHERWISE NOTED. WHERE HDPE OR PVC PIPE IS LISTED AS ACCEPTABLE MATERIALS, PVC SDR 35, HDPE DOUBLE WALL (ADS N-12), OR PVC SCHEDULE 40 MAY BE USED AT THE CONTRACTOR'S DISCRETION.
4. THE MAXIMUM SLOPE RATIO ON CUT/FILL SLOPES IS 3.5 HORIZONTAL TO 1 VERTICAL.
5. PROPERTY CORNERS SHALL BE CAREFULLY PROTECTED UNTIL THEY HAVE BEEN REFERENCED BY A PROFESSIONAL LAND SURVEYOR. PROPERTY MONUMENTS DISTURBED BY THE CONTRACTOR'S OPERATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
6. CONTRACTOR SHALL SET ALL CLEANOUT, MANHOLE AND INLET CASTINGS, FIRE HYDRANTS AND VALVE BOXES TO FINISHED GRADE.
7. ALL PROPOSED PAVED AREAS SHALL BE STRIPPED OF ALL TOPSOIL AND UNSUITABLE MATERIAL AND EXCAVATED OR FILLED TO WITHIN 0.10 FEET OF DESIGN SUBGRADE.
8. THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE AT THE CONCLUSION OF EACH WORKING DAY.
9. ROOF AND CANOPY DRAIN SHALL INCORPORATE BOOT PER DETAIL. 6" PVC PIPE SHALL EXTEND TO A MAIN AS SHOWN ON THE PLAN. POSITIVE DRAINAGE SHALL BE MAINTAINED TOWARD MAIN AT 1.0% MINIMUM SLOPE. 6" PVC CONNECTION TO BE MADE WITH INSERT-A-TEE OR ENGINEER APPROVED EQUIVALENT BETWEEN DISSIMILAR MATERIALS.

0 30' 45' 60'

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ARC PROJECT: #25056

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SHOREWOOD DEVELOPMENT GROUP

CHASE PLAZA

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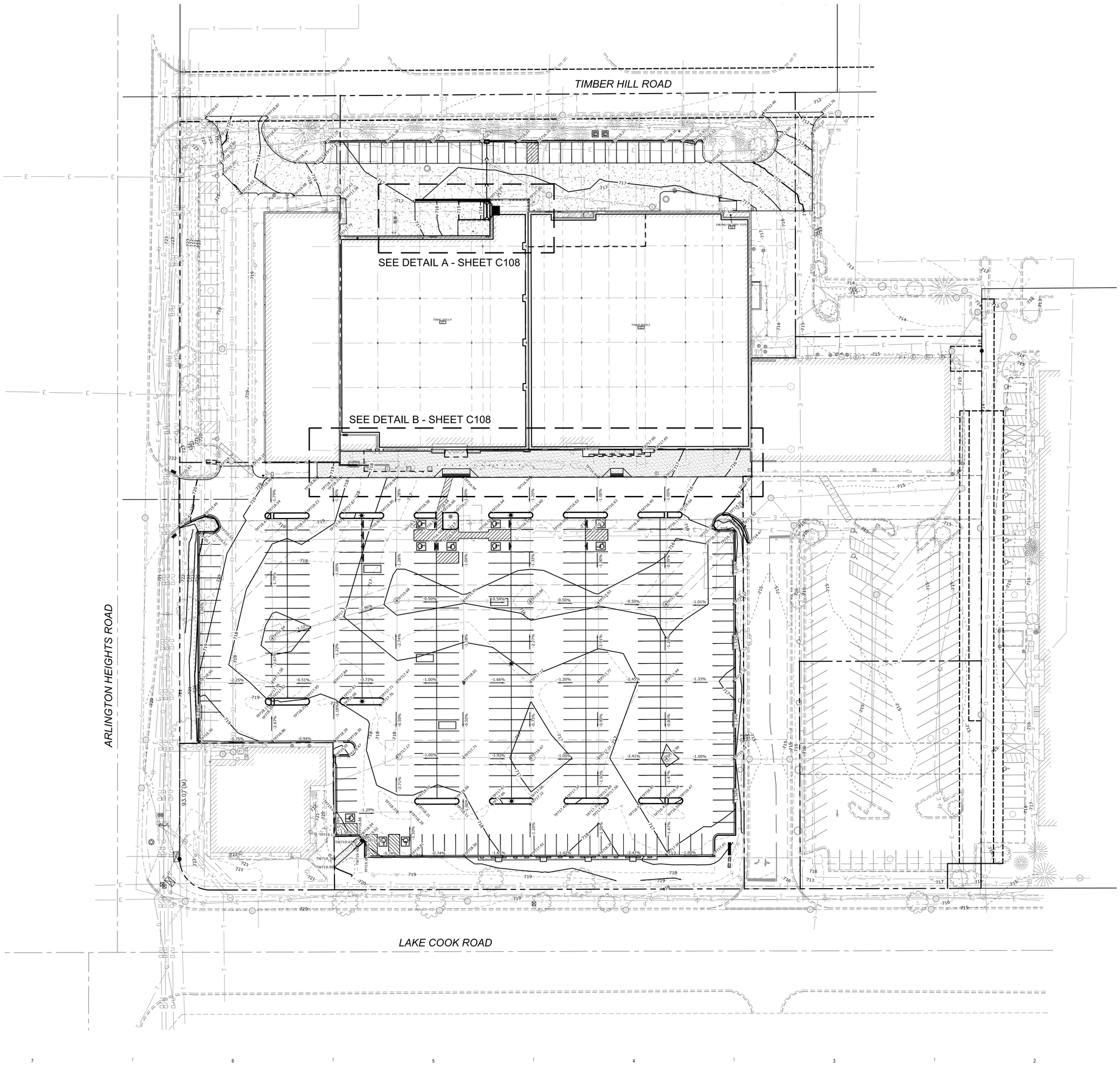
ISSUANCE

10/15/2025 PERMIT SET

PROJECT NUMBER
95310005
PROJECT MANAGER
S. CHOVAN
PROFESSIONAL
J. LINKENHELD
DRAWN BY
M. HEITING
CHECKED BY
J. LINKENHELD

GRADING & DRAINAGE PLAN

C106



LEGEND

- PROPERTY LINE
- LOT LINE
- EXISTING RIGHT-OF-WAY
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- PROPOSED GRADE BREAK LINE
- 800 PROPOSED CONTOUR LINE
- 800 EXISTING CONTOUR LINE
- PROPOSED CATCH BASIN OR MANHOLE
- CO PROPOSED CLEANOUT
- 1.6% DIRECTION OF SHEET FLOW
- TW000.00 TOP OF WALK ELEVATION
- TP000.00 TOP OF PAVEMENT ELEVATION
- FG000.00 FINISHED GRADE ELEVATION
- TOW000.00 TOP OF WALL ELEVATION
- BOW000.00 BOTTOM OF WALL ELEVATION
- BENCHMARK
- EMERGENCY OVERLAND FLOW ROUTE

N
0 30' 45' 60'

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PROJECT MANAGER
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PROFESSIONAL
J. LINKENHELD
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M. HEITING
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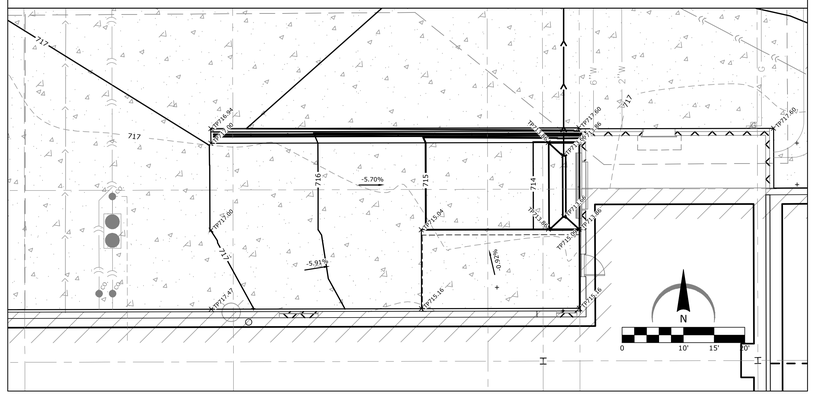
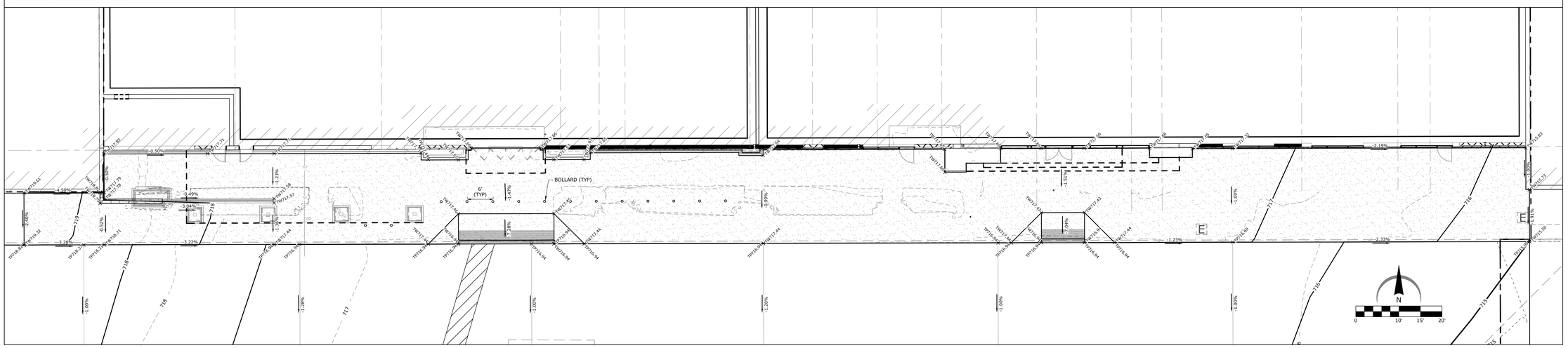
SPOT ELEVATION PLAN
C107

GRADING DETAIL A



GRADING DETAIL B



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PROJECT NUMBER
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PROJECT MANAGER
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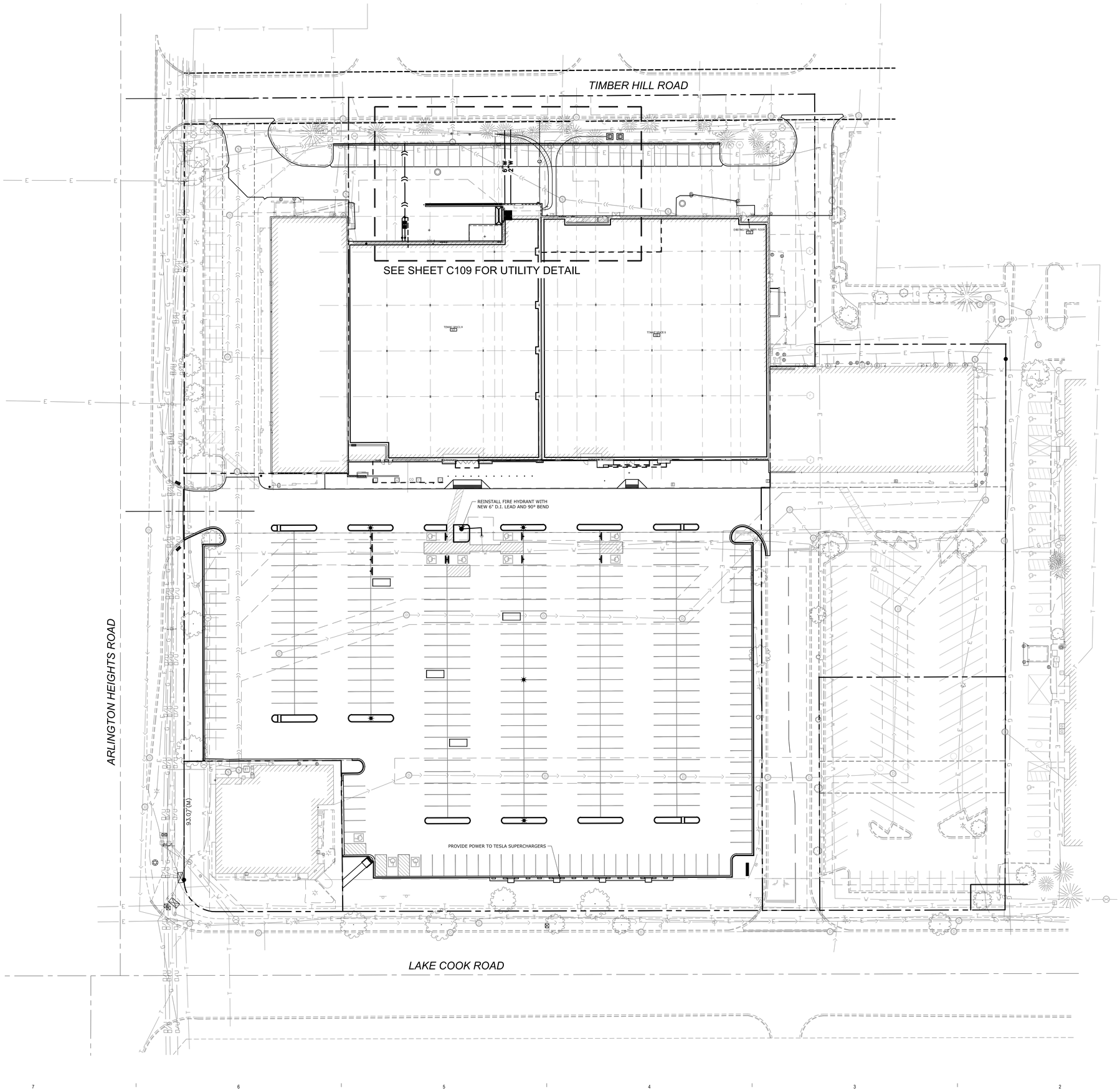
PROFESSIONAL
J. LINKENHELD
DRAWN BY
M. HEITING
CHECKED BY
J. LINKENHELD

GRADING DETAILS

C108



LEGEND

- PROPERTY LINE
- EXISTING WATER MAIN
- PROPOSED WATER SERVICE
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- EXISTING GAS MAIN
- PROPOSED GAS MAIN
- PROPOSED UNDERGROUND ELECTRIC SERVICE
- PROPOSED TELEPHONE SERVICE
- EXISTING OVERHEAD UTILITY LINES
- PROPOSED TRANSFORMER
- EXISTING FIRE HYDRANT ASSEMBLY
- EXISTING WATER VALVE
- PROPOSED WATER VALVE
- EXISTING MANHOLE OR CATCH BASIN
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY CLEANOUT
- PROPOSED GREASE TRAP (SEE ARCH PLANS FOR DETAIL)
- EXISTING SANITARY MANHOLE
- EXISTING UTILITY POLE
- PROPOSED UTILITY POLE
- EXISTING LIGHT POLE
- LIGHT POLE AND FIXTURE

UTILITY NOTES

1. THE CONTRACTOR SHALL PROVIDE PROPER SAFETY DEVICES IN ACCORDANCE WITH OSHA STANDARDS FOR ALL STAFF WORKING IN OPEN TRENCH CONDITIONS. TRENCH BOXES AND OTHER SHORING SHALL BE REQUIRED FOR ALL TRENCH WORK, IN THE RIGHT-OF-WAY, AND ON PRIVATE PROPERTY, WHILE THE SITE IS UNDER CONSTRUCTION.
2. ALL PRIVATE WATER MAINS CONSTRUCTED ON THE PROPERTY ARE TO BE CONSTRUCTED WITH MATERIALS THAT FOLLOW THE STATE AND LOCAL REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL REQUIREMENTS FOR PIPE MATERIAL AND OTHER WATER MAIN APPURTENANCES PRIOR TO THE START OF CONSTRUCTION.
3. EXISTING UTILITY INFORMATION IS SHOWN FROM SURVEY WORK BY OTHERS, FIELD OBSERVATIONS, AVAILABLE PUBLIC RECORDS AND AS-BUILT DRAWINGS. EXACT LOCATIONS AND ELEVATIONS OF UTILITIES SHALL BE DETERMINED PRIOR TO INSTALLING NEW WORK. EXCAVATE TEST PITS AS REQUIRED.
4. CONTACT ALL PUBLIC AND PRIVATE UTILITY COMPANIES 48 HOURS PRIOR TO ANY EXCAVATION. COST OF REPLACEMENT OR REPAIR OF EXISTING UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATION SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
5. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY FLOOR, CURB OR PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES. NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL CONTROL PRIOR TO PROCEEDING WITH WORK.
6. REFER TO BUILDING PLANS FOR EXACT LOCATIONS OF NEW UTILITY ENTRIES.
7. CONTRACTOR SHALL SET ALL CLEANOUT, CASTINGS, AND VALVE BOXES TO FINISHED GRADE.

N

0 30' 45' 60'

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PROJECT MANAGER
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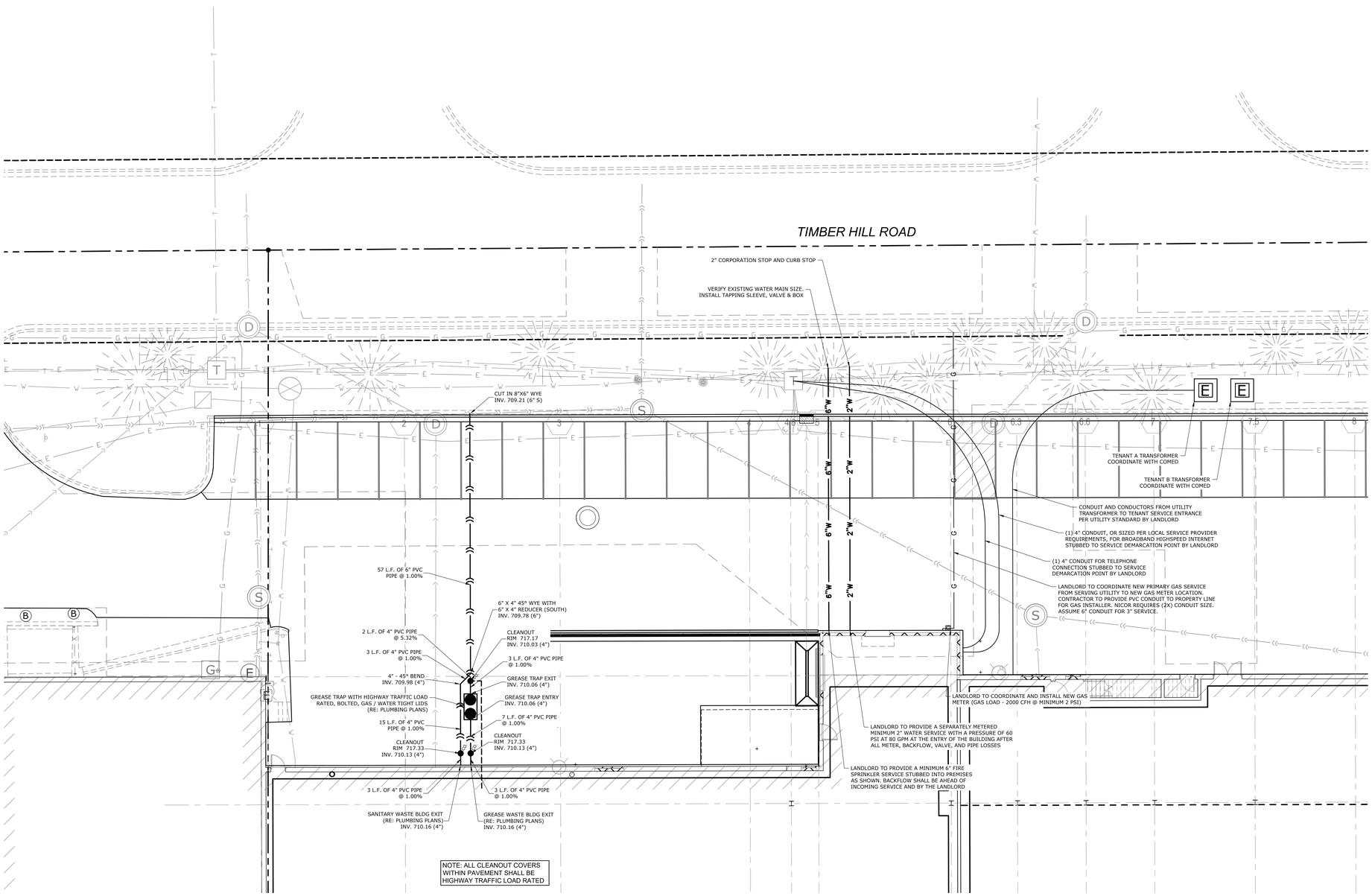
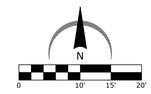
J. LINKENHELD
DRAWN BY
M. HEITING
CHECKED BY
J. LINKENHELD

UTILITY PLAN

C109





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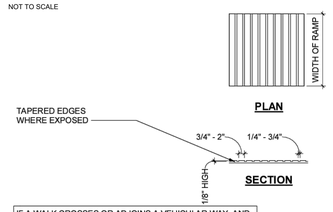
ARC PROJECT: #25056

UTILITY PLAN DETAILS

C110

DETECTABLE WARNING DETAIL

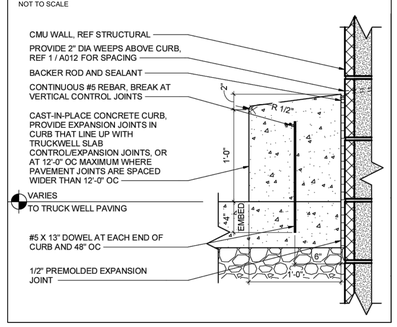
NOT TO SCALE



IF A WALK CROSSES OR ADJOINS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS, OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND THE VEHICULAR AREAS, THE BOUNDARY BETWEEN THE AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36" WIDE

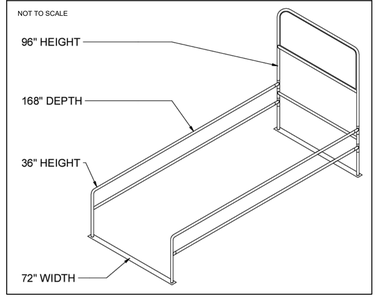
TRUCKWELL CONCRETE CURB DETAIL

NOT TO SCALE



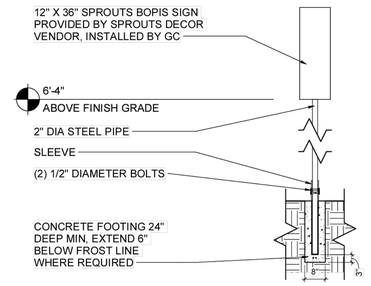
CART CORRAL DETAIL

NOT TO SCALE



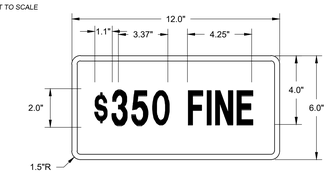
BUY ONLINE PICK UP IN STORE SIGN DETAIL

NOT TO SCALE

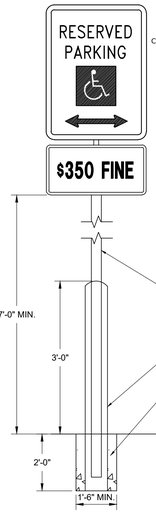


BOLLARD AND HANDICAPPED PARKING SIGN DETAIL

NOT TO SCALE



COLOR: LEGEND AND BORDER; GREEN NON-REFLECTORIZED BACKGROUND; WHITE REFLECTORIZED



COLOR: TEXT, ARROW, AND BORDER; GREEN WHITE SYMBOL ON BLUE BACKGROUND BACKGROUND WHITE

18" X 12" 18 GA. STEEL BAKED ENAMEL INTERNATIONAL HANDICAP SYMBOL MANUFACTURED IN ACCORDANCE WITH MUTCD R7-8

REFER TO DETAIL

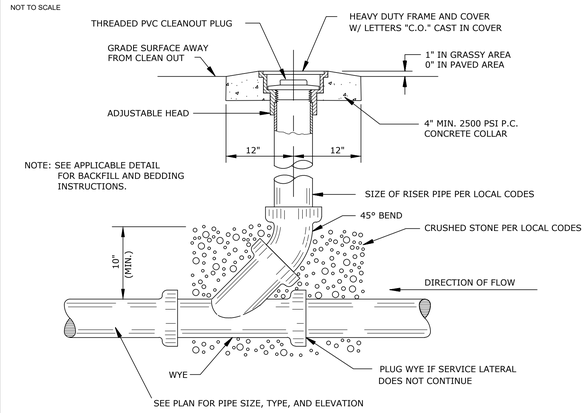
U-CHANNEL SIGN POST

4" STEEL BOLLARD FILLED WITH CONCRETE PAINTED YELLOW (NOTE: NO BOLLARD REQUIRED IF SIGN POST IS IN GRASS AREA)

CONCRETE SURROUND AROUND PIPE COLUMN

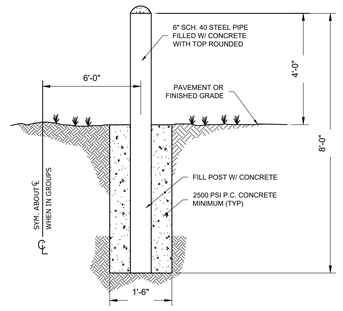
SANITARY CLEANOUT DETAIL

NOT TO SCALE



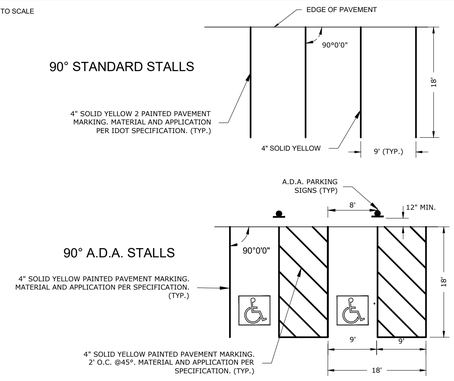
BOLLARD DETAIL

NOT TO SCALE



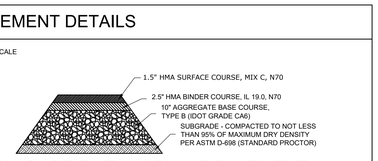
TYPICAL 90 DEGREE PARKING STRIPING DETAILS

NOT TO SCALE

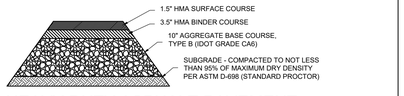


PAVEMENT DETAILS

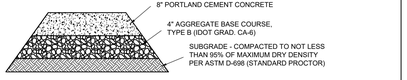
NOT TO SCALE



STANDARD DUTY ASPHALT PAVEMENT



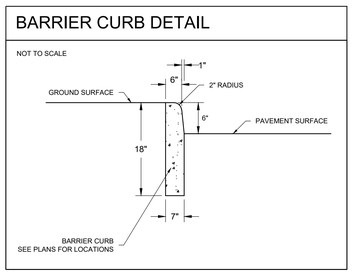
HEAVY DUTY ASPHALT PAVEMENT



HEAVY DUTY CONCRETE PAVEMENT

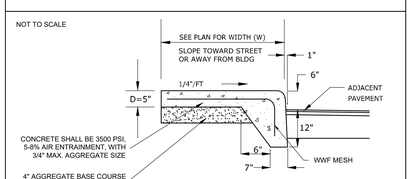
BARRIER CURB DETAIL

NOT TO SCALE



THICKENED EDGE SIDEWALK DETAIL

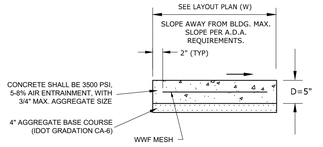
NOT TO SCALE



1. TOOLED JOINTS SHALL BE 1/4 D AND SHALL BE SPACED EQUAL TO W (MAX) AND SHALL DIVIDE PANELS EQUALLY.
2. EXPANSION JOINTS SHALL BE 3/4" BITUMINOUS IMPREGNATED FIBERBOARD ALONG THE PERIMETER OF THE SIDEWALK PANEL WERE PROPOSED SIDEWALK IS FLUSH WITH ADJACENT EXISTING CONCRETE.
3. SIDEWALK RAMPS AT DRIVES SHALL BE BUILT ACCORDING TO IDOT STANDARDS
4. WWF MESH SHALL BE 6 X 6 -10/10 CONTINUOUS WELDED WIRE
5. USE LIGHT BARN BROOM FINISH WITH 4" RETOOLED JOINTS AND EDGES.

CONCRETE SIDEWALK DETAIL

NOT TO SCALE



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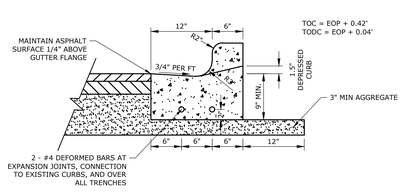
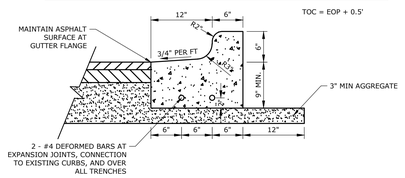
5. USE LIGHT BARN BROOM FINISH WITH 4" RETOOLED JOINTS AND EDGES.

CONCRETE CURB & GUTTER DETAIL

NOT TO SCALE



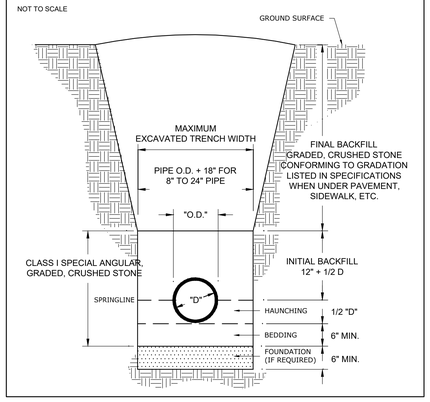
B-6.12 SECTION



B-6.12 SECTION (REJECTING)

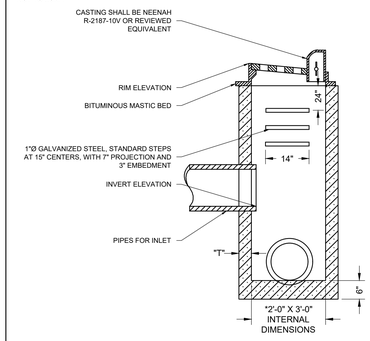
PIPE EMBEDMENT DETAIL

NOT TO SCALE



INLET SPECIAL NO. 1 DETAIL

NOT TO SCALE



MATERIALS	"T"
PRECAST CONCRETE	6"
BUILDING BRICK, GRADE S.W. FROM CLAY OR SHALE	8"
MONOLITHIC CONCRETE	6"
CONCRETE BUILDING BRICK, GRADE A	8"

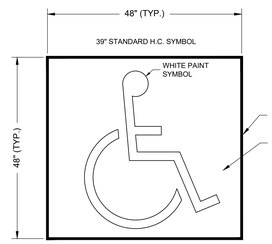
NOTE:

1. EXCEPT AS NOTED HEREON, INLET SPECIAL NO. 1 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 612 OF THE STANDARD SPECIFICATIONS.
2. THE CONTRACT PRICE FOR "INLET SPECIAL NO. 1" SHALL INCLUDE THE COST OF FURNISHING AND INSTALLING THE FRAME & GRATE, THE GALVANIZED STEEL STEPS (IF USED), THE PRECAST FLOOR SLABS, AND THE SAND CUSHION (WHEN USED).
3. BRICKS AND CONC. MASONRY UNITS (IF USED) ARE TO BE LAID IN FULL MORTAR BEDS WITH FLUSH JOINTS.
4. CAST IRON FRAME & GRATE SHALL BE TRAFFIC BEARING, HEAVY DUTY.
5. STEPS SHALL BE OMITTED WHEN DEPTH FROM RIM TO INVERT IS LESS THAN 5 FEET.

*2'-0" DIMENSION NORMAL TO CURB LINE

ADA PAVEMENT MARKING DETAIL

NOT TO SCALE



ARC DESIGN RESOURCES INC.
5291 ZENITH PARKWAY
LOVES PARK, IL 61111
VOICE: (815) 484-4300
FAX: (815) 484-4303
www.arcdesign.com
Illinois Design Firm License No. 184-001334

ARC PROJECT: #25056

PROGRESSIVE COMPANIES
PROGRESSIVE ARCHITECTURE, ENGINEERING & PLANNING, INC.
Charlotte, NC | Detroit, MI | Grand Rapids, MI
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SHOREWOOD DEVELOPMENT GROUP

CHASE PLAZA

1160 W. LAKE COOK ROAD, BUFFALO GROVE, IL 60089

NOT FOR CONSTRUCTION

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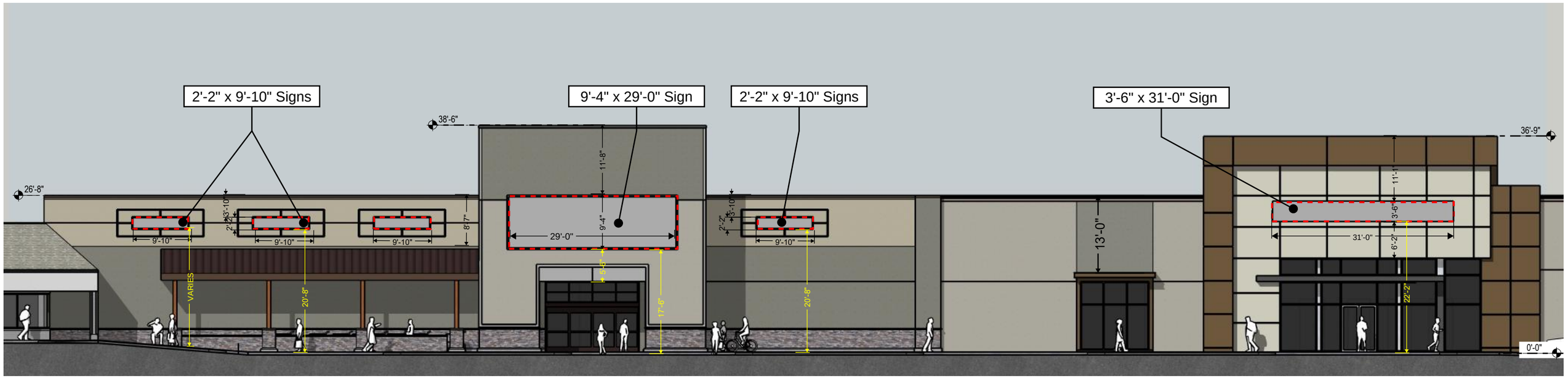
ISSUANCE

10/15/2025 PERMIT SET

PROJECT NUMBER
9531005
PROJECT MANAGER
S. CHOVAN
PROFESSIONAL
J. LINKENHELD
DRAWN BY
M. HEITING
CHECKED BY
J. LINKENHELD

SITE DETAILS

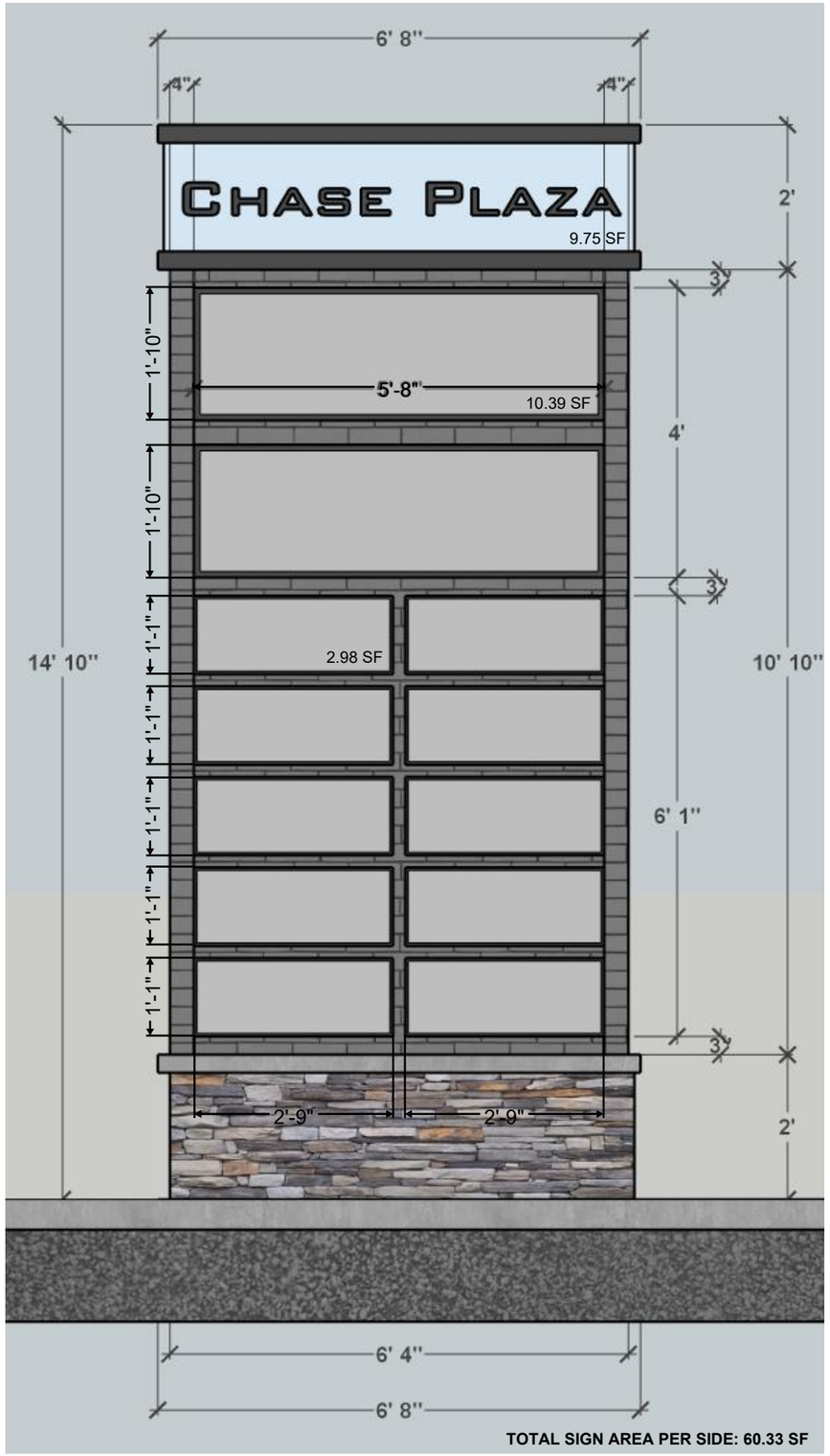
C111



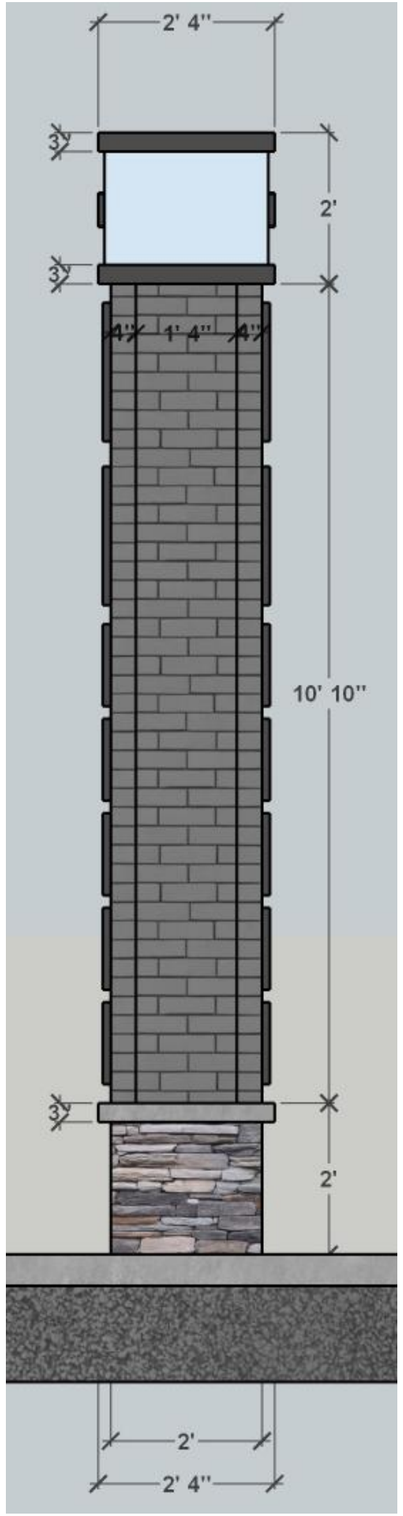
SOUTH PARTIAL ELEVATION

SOUTH OVERALL ELEVATION

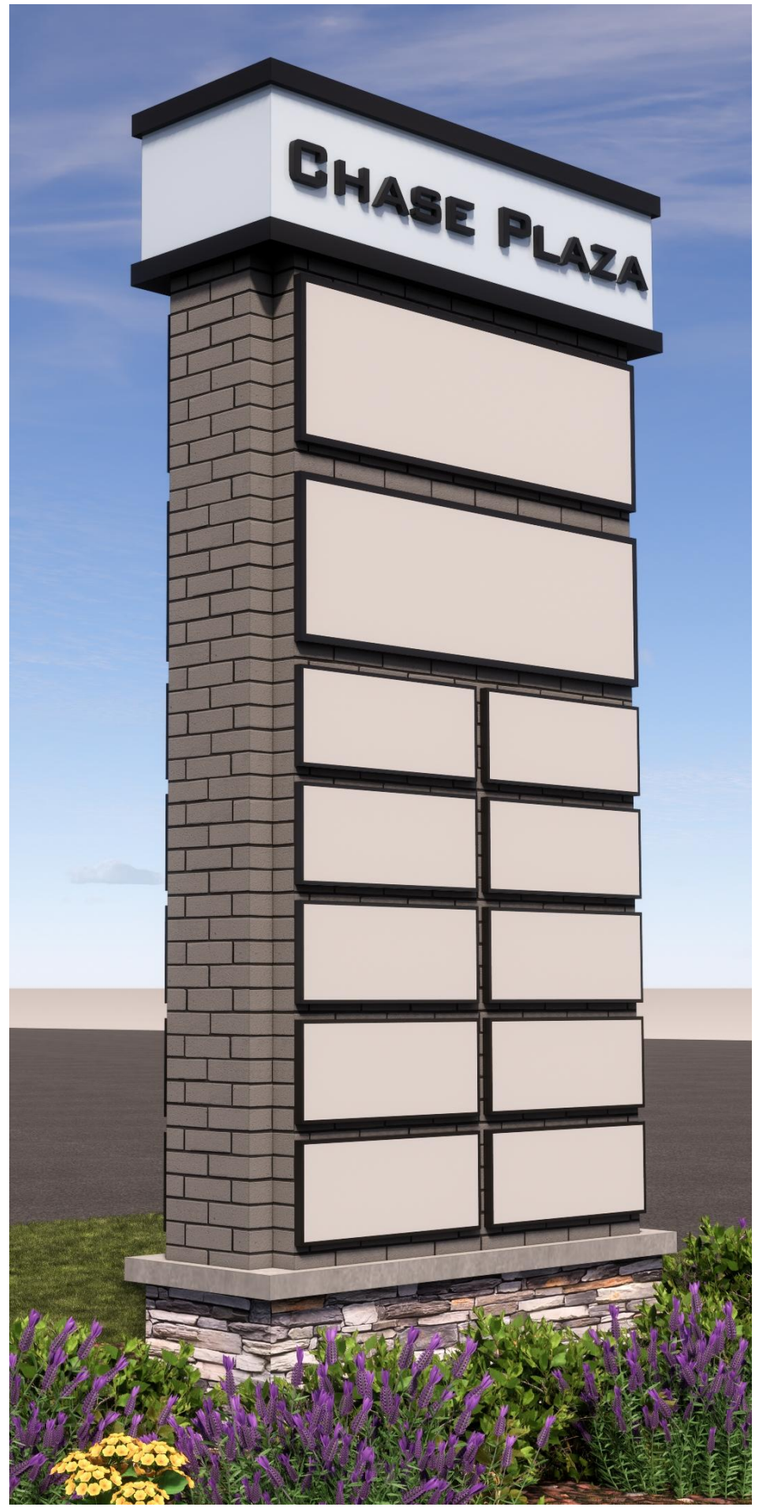
CHASE PLAZA - BUILDING ELEVATION



FRONT ELEVATION



SIDE ELEVATION



MONUMENT RENDERING

1/4"=1'-0"

CHASE PLAZA - MONUMENT SIGN

ARC DESIGN RESOURCES INC.

CIVIL ENGINEERING
LAND SURVEYING
LANDSCAPE ARCHITECTURE

5291 Zenith Parkway
Loves Park, IL 61111
815-484-4300 p
815-484-4303 f

Project Memorandum

To: Matt Jung, Shorewood Development
From: Jeffrey Linkenheld, PE
Date: November 24, 2025
Re: Traffic comparison – former Dominick's vs. Proposed redevelopment of Chase Plaza

---

Purpose:

This memo is prepared to quantify the expected redevelopment traffic at Chase Plaza in Buffalo Grove, and by comparing with the prior approved development characteristics, show that there will be a net reduction in traffic which substantiates that no further offsite work needed.

Prior Conditions:

Chase Plaza is a multi-tenant shopping center at the northeast corner of Lake Cook Road and Arlington Heights Road in Buffalo Grove, Illinois. Lake Cook Road is a major east-west arterial roadway, with average daily traffic (ADT) of 29,400 (2022) in front of the shopping center. Arlington Heights Road is a major north-south collector within the Village of Buffalo Grove with average daily traffic (ADT) of 24,700 (2023) in front of the shopping center. Historical traffic trends from the State of IL Traffic Statistics website show that traffic along these two streets may have peaked about five years ago due to trends with remote work and an aging population, as traffic on each street is down at least 10% from historical highs in the late 2010's. Comparing to the time about when the main anchor, Dominick's closed in late 2013, traffic on Lake Cook Road is significantly less (was 36,300 ADT in 2010) and traffic on Arlington Heights Road is marginally higher (was 23,100 in 2015), but both are off of their relative peaks of 39,600 ADT for Lake Cook Rd in 2014 and 26,700 ADT for Arlington Heights Road in 2019.

The center's main tenant was a Dominick's grocery store, which closed in 2013. The building has been vacant for many years and there is evidence of past issues with maintenance upkeep, as noted in newspaper article from 2016. There are still ancillary retail stores on either side of the vacant Dominick's, as well as a fast service restaurant outbuilding at the intersection corner. When originally approved and built, this was a thriving multi-tenant shopping center. The center has two main unsignalized access drives, one connecting to each main road, with secondary access behind the center via Timber Hills Road, a public street.

Proposed Conditions:

The current developer proposes to revitalize the former Dominick's with two new tenants. One would be a general retailer and the second a fitness center. In addition, a second out-building is proposed with a coffee user and retail user. The remaining strip retail space would remain the same.

Methodology:

In order to assess the need for additional offsite traffic improvements, the Institute of Traffic Engineers Trip Generation Manual, 11th Edition has been consulted to develop a total traffic comparison between the former development use as approved, and the proposed redevelopment. By using the traffic generated from the ITE manual, an unbiased comparison of traffic volumes can be developed. This comparison of total traffic generated will utilize the afternoon peak hour of adjacent street traffic, which is typically the highest overall traffic volume of the day on the adjacent roadways.

ARC DESIGN RESOURCES INC.

CIVIL ENGINEERING
LAND SURVEYING
LANDSCAPE ARCHITECTURE

5291 Zenith Parkway
Loves Park, IL 61111
815-484-4300 p
815-484-4303 f

Results:

The redevelopment of the Chase Plaza property from a full size Dominck's grocery store to two smaller tenants, along with a likely outlot development, would result in a slight decrease in total traffic generated for Chase Plaza. Below is a tabular summary of total PM Peak Hour traffic generated by the former approved use vs. the proposed redevelopment use. Our findings are as follows:

FORMER USE

ITE Land Use	Name	General Location on site	PM peak hr trip rate	Units	Size	Total Trips
822	Strip Retail Plaza < 40k	west side along Arlington Hts Rd	6.59	per 1K s.f.	12,136	80
823	Strip Retail Plaza < 40k	east side of shopping center	6.59	per 1K s.f.	13,279	88
932	High Turnover Restaurant	SW corner of site	9.05	per 1K s.f.	6,985	63
850	Supermarket	former Dominick's	8.95	per 1K s.f.	62,195	557
	Total Site Trips (in/out) for PM peak hour of adjacent street traffic					**787**

PROPOSED USE

ITE Land Use	Name	General Location on site	PM peak hr trip rate	Units	Size (sq ft)	Total Trips
822	Strip Retail Plaza < 40k	west side along Arlington Hts Rd	6.59	per 1K s.f.	12,136	80
823	Strip Retail Plaza < 40k	east side of shopping center	6.59	per 1K s.f.	13,279	88
932	High Turnover Restaurant	SW corner of site	9.05	per 1K s.f.	6,985	63
850	Retailer	**NEW TENTANT**	8.95	per 1K s.f.	27,094	242
492	Health/Fitness Club	**NEW TENTANT**	1.45	per 1K s.f.	34,453	50
814	Variety Store	**NEW TENTANT @ OUTLOT**	6.7	per 1K s.f.	4,500	30
937	Coffee Shop w Drive Thru	**NEW TENTANT @ OUTLOT**	38.99	per 1K s.f.	2,441	95
	Total Site Trips (in/out) for PM peak hour of adjacent street traffic					**648**

Summary:

Most of the land uses remain the same on the site. Per ITE, the former Dominick's trip generation rate exceeded that of the proposed fitness center by 2.5 times, which more than offsets any other new uses. Therefore the projected total trips in and out of the site during the afternoon rush is expected to drop by around 130 cars per hour (648 compared to 787). Since there are no changes to the proposed access points on either Lake Cook Road or Arlington Heights Road, the inference is that traffic impacts will be less than the prior approved use. With this total expected drop in development traffic, also note that the general traffic patterns of the adjacent street, as noted above, have come down from historical peaks.

No additional offsite work is necessary.

Community Development Department
50 Raupp Boulevard, Buffalo Grove, IL 60089
Phone: 847-459-2530 | www.vbg.org

Planned Unit Development (PUD) Standards

In addition to the special use standards, all planned unit developments shall meet the following (5) general standards:

1. Have the minimum areas as set forth in Section 17.16.060.

Response: *The proposed PUD meets the minimum area requirements set forth in Village Code Section 17.16.060, as required for its underlying zoning classification. The specific lot size for 1160 W Lake Cook Road is 6.28 acres. Based on the underlying zoning district (**B-2 General Retail**), the development is compliant with the minimum lot size, lot width, and yard requirements as established in Table A referenced in Section 17.16.060*

2. The uses permitted in such development are not of such a nature or so located as to exercise an undue detrimental influence or effect upon the surrounding neighborhood;

Response: *The proposed combined use—a health club and general retail—is a compatible commercial development consistent with the Lake Cook Road commercial corridor.*

- ***Compatibility:** Both uses are common commercial activities that are appropriate for this location and will serve the surrounding community without detriment.*
- ***Traffic & Parking:** A traffic impact study was completed to determine the combined trip generation rates for the 61,000 sf of space to ensure no undue impact on adjacent streets. The parking plan is designed to provide sufficient off-street parking based on the combined square footage, ensuring that the development does not cause spillover parking into nearby residential or business areas.*
- ***Noise & Aesthetics:** The building design, high-quality materials (e.g., brick and stone veneer, EIFS, metal panels, and metal roofing), and required landscape buffering along the right-of-way will ensure that the facility's appearance and operations blend harmoniously with the neighborhood.*

3. The plan effectively treats the developmental possibilities of the subject property, making appropriate provisions for the preservation of streams, wooded areas, scenic views, floodplain areas, and similar physical features;

Response: *The civil drawings, dated October 15, 2025, demonstrate environmental sensitivity and reuse of the existing stormwater system, making appropriate provisions for the site's physical features.*

- ***Existing Conditions:*** *Based on an analysis of the subject property, the site is generally flat and lacks significant natural impediments. There are no designated regulatory floodplains, no perennial streams, and no mature wooded areas on the parcel that require preservation.*
- ***Grading and Topography:*** *The proposed grading plan is designed to maintain the existing natural drainage patterns to the maximum extent feasible. Finished floor elevations and site grades will remain unchanged primarily to ensure a smooth integration with the existing topography of the surrounding parcels.*
- ***Stormwater Management:*** *The plan incorporates the use of the existing storm drains and regional detention, which meets the detention and water quality volume requirements of the Village of Buffalo Grove and the Lake County Stormwater Management Commission.*
- ***Scenic Views and Aesthetics:*** *While the site lacks significant scenic views, the placement of the existing building and the orientation of the parking and access drives have been designed to maintain a high-quality aesthetic along the Lake Cook Road corridor. A comprehensive landscape plan will establish a perimeter screen using native and adaptive plant species to enhance the visual character of the site and provide visual buffering for the building and parking areas. This landscaping provides a substantial amenity, effectively treating the development possibilities of the property.*

4. All requirements pertaining to commercial, residential, institutional or other uses established in the planned unit development conform to the requirements for each individual classification as established elsewhere in this Title, except as may be specifically varied for the proper planning of the planned unit development;

Response: *All requirements for commercial uses, including the health club and the retail components, conform to the individual classification standards established elsewhere in the Village Title. Any necessary variations that are required for the proper, unified, and planned development of this 61,000 sf PUD will be specifically identified and justified as part of the PUD ordinance.*

5. The Planning and Zoning Commission shall determine that the area and width of the lot shall be sufficient for the proposed use, and that the development of the property in the proposed manner creates no outlots which will be difficult to develop in an appropriate manner.

Response: *The total lot area and width are deemed sufficient by the applicant for the proposed 34,000 sf health club and 27,000 sf retail use, along with all required circulation and parking.*

Community Development Department
50 Raupp Boulevard, Buffalo Grove, IL 60089
Phone: 847-459-2530 | www.vbg.org

Special Use Standards

During the Public Hearing, you will need to present your case for the Special Use being requested. In doing so, please address the six (6) Special Use Standards listed below:

1. The special use will serve the public convenience at the location of the subject property; or the establishment, maintenance or operation of the special use will not be detrimental to or endanger the public health, safety, morals, comfort, or general welfare;

Response: *The proposed 61,000 sf commercial development directly serves the public convenience by providing sought-after services, including a modern, full-service health and wellness facility, and convenient neighborhood retail.*

- ***Public Convenience:*** *The location on West Lake Cook Road is within a major commercial and transportation corridor, offering high accessibility to the surrounding community and furthering the Village's goal of providing regional commercial services.*
- ***No Detriment:*** *The special use will not be detrimental to the public health, safety, or welfare. The buildings will be reconstructed to current Village and state building and fire codes, ensuring structural and life safety. Business operations (Health Club and Retail) are managed through established hours and operational controls (as detailed in the Narrative Statement), minimizing the potential for noise or nuisance to adjacent properties.*

2. The location and size of the special use, the nature and intensity of the operation involved in or conducted in connection with said special use, the size of the subject property in relation to such special use, and the location of the site with respect to streets giving access to it shall be such that it will be in harmony with the appropriate, orderly development of the district in which it is located;

Response: *The proposed Special Use, located on Lake Cook Road in an established commercial district, is entirely in harmony with the orderly development of the area.*

- ***Location and Intensity:*** *The combination of a high-quality health club and general retail is appropriate for a commercially zoned property and reflects the prevailing land use pattern along Lake Cook Road.*
- ***Site and Access:*** *The redevelopment of 61,000 sf is commensurate with the size of the subject property and the capacity of the adjacent street network. The primary access is via Lake Cook Road, a roadway specifically designed to accommodate the high volume of traffic generated by this type of commercial retail development.*

3. The special use will not be injurious to the use and enjoyment of other property in the immediate vicinity of the subject property for the purposes already permitted in such zoning district, nor substantially diminish and impair other property valuations with the neighborhood;

Response: *The development will not be injurious to the use and enjoyment of surrounding properties and is expected to enhance property valuations within the commercial neighborhood.*

- ***Use and Enjoyment:*** *The site plan includes all necessary buffering (e.g., landscaping, screening, and lighting controls) to mitigate potential off-site impacts, such as noise and light spillage, on adjacent properties.*
- ***Property Valuation:*** *The investment in the redevelopment with high-quality architectural finishes will attract customers and new business, thereby stabilizing and increasing the desirability and value of surrounding commercial properties.*

4. The nature, location and size of the buildings or structures involved with the establishment of the special use will not impede, substantially hinder or discourage the development and use of adjacent land and buildings in accord with the zoning district within which they lie;

Response: *The buildings' nature, location, and size actively support and encourage the appropriate commercial development of adjacent land.*

- ***Reinforcement of Zoning:*** *The 61,000 sf building is designed to conform to the commercial retail development standards of the district. It is self-contained within the boundaries of the subject property, with all access, parking, and stormwater management handled internally.*
- ***No Impairment:*** *The building's setbacks and design are consistent with the established commercial character, ensuring that the development of any adjacent parcels for similar commercial purposes will not be hindered or discouraged.*

5. Adequate utilities, access roads, drainage, and/or other necessary facilities have been or will be provided;

Response: *Adequate utilities and facilities will be provided as part of the redevelopment plan.*

- ***Utilities:*** *The site is already served by existing municipal water, sanitary sewer, electric, and gas services, which have sufficient capacity to serve the 61,000 sf development. Connection details are included in the final engineering plans.*
- ***Access Roads:*** *Primary access is provided via Lake Cook Road, a fully improved public thoroughfare. Internal access roads and fire lanes are designed to Village standards to ensure safe circulation and emergency access.*
- ***Drainage:*** *The existing and updated stormwater drainage plan, designed to meet the requirements of the Village of Buffalo Grove and Lake County Stormwater Management Commission, will be implemented to ensure proper on-site water retention and prevent adverse impacts on adjacent properties or the public drainage system.*

6. Parking areas shall be of adequate size for the particular special use, which areas shall be properly located and suitably screened from adjoining residential uses, and the entrance and exit driveways to and from these parking areas shall be designed so as to prevent traffic hazards, eliminate nuisance and minimize traffic congestion in the public streets.

Response: *The parking areas and access points are designed to meet all necessary safety and capacity requirements.*

- ***Adequate Parking:*** *A detailed parking calculation, based on the specific standards for health clubs (34,000 sf) and general retail (27,000 sf), demonstrates that **281** parking spaces are required, and **363** spaces will be provided, ensuring adequate capacity for peak demand.*
- ***Screening:*** *N/A This redevelopment does not adjoin a residential zoning district.*
- ***Access Design:*** *The entrance and exit driveways will remain the same. This will maintain safe sight distances, minimize internal conflicts, and regulate the flow of vehicles to and from Lake Cook Road, thereby preventing traffic hazards and reducing congestion on public streets.*

Community Development Department
50 Raupp Boulevard, Buffalo Grove, IL 60089
Phone: 847-459-2530 | www.vbg.org

Sign Variation Standards

During your testimony at the Public Hearing you need to testify and present your case for the variance by addressing 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) ***section 14.16.070 (Wall Signs)*** 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;

   Response:

   The property's large, anchor-sized building (61,650 SF) has an extensive linear building frontage. Limiting the tenant to the standard one (or two) wall signs for a building of this scale results in functional invisibility from Lake Cook Road and Arlington Heights Road. The variation is required to achieve basic, adequate identification commensurate with the building's size and the high volume of traffic.

2. The granting of the requested variance would not be materially detrimental to the property owners in the vicinity; and

   Response:

   The proposed wall signs are mounted on two main commercial structures within the B-2 General Retail District. They are proportionate to the building's façade and will not create glare, visual clutter, or harm the character of the B-2 zone or nearby residential properties. The signs support the successful function of the neighborhood commercial center, thereby preventing detriment to the vicinity.

3. The unusual conditions applying to the specific property do not apply generally to other properties in the Village;

   Response:

   This specific property, a major two-anchor building on a multi-street corner lot, presents conditions (size, frontage length, traffic exposure) that are unusual for a typical B-2 General Retail District parcel. The need for multiple signs to cover the building's vast expanse on two major arterials is not a condition generally applicable to other B-2 properties in the Village.

4. The granting of the variance will not be contrary to the purpose of this Title pursuant to Section 14.04.020.
   Response:

   The variation supports the Sign Code's objective of providing "adequate business identification" (Section 14.04.020). It enhances safety by providing clear direction, minimizing erratic driving that results from poor visibility in this high-traffic area.

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:

   The proposed wall signs feature high-quality design, utilizing professional construction and lighting, and are well-integrated with the building's architecture, serving as an attractive gateway feature.

2. The entire site has been or will be particularly well landscaped.
   Response:

   The site features mature, well-maintained landscaping that helps mitigate the visual impact of the building and signage. The applicant commits to preserving the landscaping, reinforcing the aesthetic standard per zoning.

Community Development Department
50 Raupp Boulevard, Buffalo Grove, IL 60089
Phone: 847-459-2530 | www.vbg.org

Sign Variation Standards

During your testimony at the Public Hearing you need to testify and present your case for the variance by addressing 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) ***section 14.16.060 (Ground Signs)*** 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;

   Response:

   *Strict application of **Section 14.16.060** (Ground Signs) creates an undue hardship due to the site's unique location at the major intersection of Lake Cook Road and Arlington Heights Road. Both roadways carry high-speed, high-volume traffic on a daily basis. The property is deeply set back from both streets. A single standard ground sign is insufficient for drivers traveling at prevailing speeds on two major arterials to safely identify the entrance, creating a safety hazard as drivers may slow or stop erratically to search for the business. The requested variation is necessary to provide a safe and legible wayfinding system for traffic approaching the site from multiple directions.*

2. The granting of the requested variance would not be materially detrimental to the property owners in the vicinity; and

   Response:

   Granting this variation will not harm neighboring property owners. The proposed ground signs are located in a B-3 Planned Business Center District and face a commercial corridor, ensuring no light trespass or visual nuisance to residential areas. By improving wayfinding, the sign supports the successful occupancy of the center (formerly Dominick's/Chase Plaza).

3. The unusual conditions applying to the specific property do not apply generally to other properties in the Village;

   Response:

   The conditions at 1160 W. Lake Cook Road are unique and do not apply generally to the Village. Unlike smaller parcels on secondary streets, this site occupies a massive corner at a regional gateway intersection. The simultaneous challenges of road width, high velocity traffic, and the need to service traffic from both Lake Cook Road and Arlington Heights Road necessitate additional visibility that the standard sign code does not permit.

4. The granting of the variance will not be contrary to the purpose of this Title pursuant to Section 14.04.020.
   Response:

   The request supports the Sign Code's purpose to provide for adequate business identification (Section 14.04.020). It enhances public safety by reducing erratic driving and last-second lane changes caused by poor visibility on major roadways.

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:

   The proposed ground sign is of excellent design, utilizing durable materials and professional typography that complement the shopping center's new architecture. It creates a unified aesthetic that improves the visual character of the Lake Cook Road corridor.

2. The entire site has been or will be particularly well landscaped.
   Response:

   The site features mature, park-like landscaping. The applicant is committed to maintaining and enhancing the green space around the new sign base to soften its appearance, consistent with Buffalo Grove's high community standards.

ORDINANCE NO. 84- 28

AN ORDINANCE PROVIDING FOR A PLANNED UNIT DEVELOPMENT
(Buffalo Grove Business Park and Retail Center)

WHEREAS, the Village of Buffalo Grove is a Home Rule Unit by virtue of the provisions of the Constitution of the State of Illinois of 1970; and,

WHEREAS, the Owners of certain real property, hereinafter described in Exhibit "A" as Parcel A and B, have petitioned the corporate authorities of the Village of Buffalo Grove pursuant to the provisions of Section 17.28.060 of the Buffalo Grove Zoning Ordinance for the approval of a Special Use Planned Unit Development of said real estate; and,

WHEREAS, this Ordinance supersedes Ordinance No. 81-29 which approved a General Planned Development Agreement dated May 18, 1981; and,

WHEREAS, the Plan Commission of the Village has held a public hearing on said development and has recommended the approval thereof.

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. That the Buffalo Grove Business Park and Retail Center Planned Unit Development Agreement dated April 2, 1984, which is attached hereto and made a part hereof as Exhibit "A" is hereby approved as to Parcel A and Parcel B which are legally described in Exhibit "A".

SECTION 2. That the Village President and Village Clerk are hereby authorized and directed to execute Exhibit "A" attached hereto.

SECTION 3. That the Village of Buffalo Grove Zoning Map, as amended from time to time, be further amended by classifying the subject premises as a Special Use Planned Unit Development with Parcel A in the Office and Research District and Parcel B in the B-2 General Retail District, all as further set forth in Exhibit "A" attached hereto.

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 - Marienthal, Stone, O'Reilly, Hartstein, Glover, Reid

NAYES: 0 - None

ABSENT: 0 - None

PASSED: April 2, 1984

APPROVED: April 2, 1984

APPROVED:

Village President

ATTEST:

Janet M. Sudbian

Village Clerk

3/29/84

BUFFALO GROVE BUSINESS PARK AND RETAIL CENTER
PLANNED UNIT DEVELOPMENT AGREEMENT
TABLE OF CONTENTS

SECTION		PAGE
1.	Applicable Law.	2
2.	Agreement: Compliance and Validity.	2
3.	Enactment of Zoning Ordinance.	3
4.	Approval of Plats.	3
5.	Compliance with Applicable Ordinances	3
6.	Amendment of Plan.	4
7.	Building Permit Fees.	4
8.	Water Provision.	5
9.	Storm and Sanitary Sewer Provisions.	5
10.	Drainage Provisions.	6
11.	Street and Parking Area Provisions.	6
12.	Security for Public and Private Site Improvements.	6
13.	Exhibits.	7
14.	Building, Landscaping and Aesthetics Plans.	7
15.	Facilitation of Development.	8
16.	Enforceability of the Agreement.	8
17.	Binding Effect of Agreement.	8
18.	Corporate Capacities.	8
19.	Notices.	9
20.	Default.	9
21.	Special Conditions.	9

EXHIBIT A

Ordinance #84-28
(B.G. Business Park & Retail Center PUD)

3/29/84

BUFFALO GROVE BUSINESS PARK AND RETAIL CENTER

PLANNED UNIT DEVELOPMENT AGREEMENT

This agreement (hereinafter referred to as the "Agreement") made and entered into this 2nd day of April, 1984, by and between the VILLAGE OF BUFFALO GROVE (hereinafter referred to as "Village") by and through the President and Board of Trustees of the Village (hereinafter collectively referred to as the "Corporate Authorities") and LA SALLE NATIONAL BANK, not individually but solely as Trustee under Trust No. 104643 dated January 7, 1982, whose beneficiary is Bison #1, a Texas limited partnership and LaSALLE NATIONAL BANK, not individually but solely as Trustee under Trust No. 102367409 whose beneficiary is Arthur Zaltzman (hereinafter jointly referred to as "Owner").

W I T N E S S E T H:

WHEREAS, the Village of Buffalo Grove is a Home Rule Unit by virtue of the provisions of the Constitution of the State of Illinois of 1970; and

WHEREAS, Owner is the owner of a certain tract of property comprising 29.748 acres legally described in EXHIBIT A as Parcels A and B, which exhibit is made a part hereof (hereinafter referred to as the "Property") and which real estate is within the corporate limits of the Village; and

WHEREAS, this Property is currently subject to the Buffalo Grove Business Park Planned Development Agreement dated May 18, 1981, pursuant to Ordinance #81-29; and

WHEREAS, Owner now desires and proposes pursuant to the provisions and regulations applicable to the B-2 and O&R Districts of the Village Zoning Ordinance to amend said Agreement and to develop Property in accordance with and pursuant to a certain Preliminary Development Plan prepared by Wilson/Jenkins & Associates and dated as last revised March 22, 1984, and also Preliminary Engineering Plan

prepared by Cowhey Associates, Ltd. and dated as last revised March 27, 1984, (hereinafter jointly referred to as the "Preliminary Development Plan"), a copy of which Preliminary Development Plan is attached hereto as EXHIBIT C and EXHIBIT D and incorporated herein, and subject to all other exhibits attached hereto or incorporated by reference herein; and

WHEREAS, this Agreement supersedes the Buffalo Grove Business Park Planned Development Agreement dated May 18, 1981, pursuant to Ordinance #81-29; and

WHEREAS, pursuant to due notice and advertisement in the manner provided by law, the Plan Commission of the Village has held such public hearing prescribed by law and made their recommendations with respect to the requested zoning classifications of the B-2 and O&R Districts; and

WHEREAS, the President and Board of Trustees after due and careful consideration have concluded that the zoning and development of the Property on the terms and conditions herein set forth would further enable the Village to control the development of the area and would serve the best interests of the Village.

NOW, THEREFORE, in consideration of the premises, mutual covenants and agreements herein set forth, the parties hereto agree as follows:

1. Applicable Law. This Agreement is made pursuant to and in accordance with the provisions of Section 17.28.060 of the Buffalo Grove Zoning Ordinance (Title 17, Buffalo Grove Municipal Code) and the Village's Home Rule powers. The preceding WHEREAS clauses are hereby made a part of this Agreement.

2. Agreement: Compliance and Validity. It is understood and agreed that this Agreement in its entirety, shall be null, void and of no force and effect unless Property is validly zoned and classified with a special use for a planned unit development in the B-2 and O&R Zoning Districts, all as contemplated in this Agreement.

3. Enactment of Zoning Ordinance. The Corporate Authorities shall adopt a proper, valid and binding ordinance, zoning Property as a special use for a planned unit development in the B-2 and O&R Zoning Districts subject to the restrictions further contained herein and all applicable ordinances of the Village of Buffalo Grove as amended from time to time.

4. Approval of Plats. The Corporate Authorities hereby approve a Preliminary Development Plan (EXHIBIT C & D) pursuant to the provisions of the Development Ordinance. Such plan shall prohibit access to Lake-Cook Road and Arlington Heights Road other than as shown in the plan, and shall establish public access easements on site where recommended by the Village Engineer. In addition, the Corporate Authorities agree to approve a Final Plan of Development or plats or phases of the development of Property upon submission by the Owner of complete and proper materials as required for the issuance of appropriate building and other permits based on final versions of the plans and drawings of the development of Property as submitted by the Owner provided that the plat or plats shall:

(a) conform to the Preliminary Development Plan, (EXHIBITS C & D); and

(b) conform to the terms of this Agreement and all applicable Village Ordinances as amended from time to time; and

(c) conform to the Development Improvement Agreement (EXHIBIT B) as amended from time to time.

It is understood and agreed that the final subdivision plat or plats that will hereinafter be submitted by the Owner shall conform to the phases of the development as shown on the Preliminary Development Plan for the O&R District. Building shall be constructed in the numerical order shown on the Preliminary Development Plan.

5. Compliance with Applicable Ordinances. The Owner agrees to comply with all ordinances of the Village of Buffalo Grove as amended from time to time in the development of the Property, provided, however, that no such ordinance, order or

regulation which would reduce the height, bulk or density limitations or increase the parking requirements now applicable to the Property, shall be applicable to the Property, and provided further that all new ordinances, amendments, rules and regulations relating to zoning, building and subdivision of land adopted after the date of this Agreement shall not be arbitrarily or discriminatorily applied to the Property but shall be equally applicable to all property similarly zoned and situated to the extent possible. Owner, in the development of the Property shall comply with the standards set forth in the Village of Buffalo Grove Development Ordinance as amended from time to time.

6. Amendment of Plan. If the Owner desires to make changes in the Preliminary Development Plan, as herein approved, the parties agree that such changes in the Preliminary Development Plan will require, if the Village so determines, the submission of amended plats or plans, together with proper supporting documentation, to the Plan Commission and/or the Corporate Authorities to consider such changes to this Agreement. The Corporate Authorities may, at their sole discretion, require additional public hearings and may review the commitments of record contained in this Agreement, including, but not limited to fees, prior to final consideration of any change in the Preliminary Development Plan. The Village Manager is hereby authorized to approve such minor changes as he deems appropriate, provided that no such change (a) involves a reduction of the area set aside for common open space; nor (b) increases by more than two (2) percent the floor area proposed for nonresidential use; nor (c) increases by more than two (2) percent the total ground area covered by buildings.

7. Building Permit Fees. The building permit fees may be increased from time to time so long as said permit fees are applied consistently to all other developments in the Village to the extent possible. In the event a conflict arises between the Owner and the Village on any engineering and technical matters subject to this Agreement, the Village reserves the right to pass along any and all

additional expenses incurred by the use of consultants in the review and inspection of the development from time to time. Owner shall pay any non-discriminatory new or additional fees hereinafter charged by the Village.

8. Water Provision. The Owner shall be permitted and agrees to tap on to the Village water system at points recommended by the Village Engineer which points to the extent shown on EXHIBIT D are hereby approved by the Village, however, it is understood that changes to the Preliminary Engineering Plan may be required at the time of Final Engineering. The Owner further agrees to pay to the Village such fees in accordance with the applicable Village Ordinances at the time of the issuance of the water and sewer permits. The Owner agrees to accept any increase in water rates and tap on fees provided such rates and fees apply consistently to all other similar users in the Village to the extent possible. Following such tap on, the Village agrees to provide to the best of its ability and in a non-discriminatory manner water service to all users on the Property in accordance with the Preliminary Development Plan. Watermains serving the Property and those approved as part of the development shall be installed by the Owner and, except for service connections to the buildings shall, upon installation and acceptance by the Village through formal acceptance action by the Corporate Authorities, be dedicated to the Village and become a part of the Village water system maintained by the Village.

9. Storm and Sanitary Sewer Provisions.

A. The Corporate Authorities agree to cooperate with the Owner and to use their best efforts to aid Owner in obtaining such permits from governmental agencies having jurisdiction as may be necessary to authorize connection from the proposed development to the Lake County Public Works Department for the collection of sewage and to the Lake and Cook County Highway Departments as may be appropriate. The Owner shall construct on-site and off-site sanitary sewers as may

be necessary to service the Property, as per EXHIBIT D, however, it is understood that changes to the Preliminary Engineering Plan may be required at the time of Final Engineering. Upon installation and acceptance by the Village through formal acceptance action by the Corporate Authorities, the Corporate Authorities agree to operate and maintain such systems, except for sanitary sewer service connections. The Owner agrees to accept any increase in sewer rates and tap on fees, provided that such fees and rates are applied consistently to all similar users in the Village to the extent possible.

B. The Owner shall also construct on the Property in question any storm sewers which may be necessary to service the Property, as per EXHIBIT D, however, it is understood that changes to the Preliminary Engineering Plan may be required at the time of Final Engineering. Upon installation and acceptance by the Village through formal acceptance action by the Corporate Authorities, the Corporate Authorities agree to operate and maintain that portion of the storm sewer system which serves public streets, or multiple properties, and the Owner agrees to operate and maintain that portion of the storm sewer system located on the subject Property and not dedicated, and shall record a covenant to that effect within thirty (30) days of the recording of the Plat of Subdivision.

10. Drainage Provisions. The Owner shall install any storm sewers and/or inlets which are required to eliminate standing water or conditions of excess sogginess which may, in the opinion of the Village Engineer, be detrimental to the growth and maintenance of lawn grasses.

11. Street and Parking Area Provisions. The Owner agrees that all streets, parking and other areas are to be constructed in accordance with Village standards as set forth in the Development Ordinance as amended from time to time.

12. Security for Public and Private Site Improvements. Security for public and private site improvements shall be provided in accordance with the Development

Ordinance, and the Development Improvement Agreement (EXHIBIT B) as amended from time to time. Any letter of credit issued for such improvements shall be drawn on a financial institution of net worth reasonably satisfactory to the Village Attorney. The issuer may have an equitable or lending interest in the Property provided that the letter of credit, either by its own terms or by separate written assurances of the issuer, shall be honored irrespective of that interest. The Village shall have the right to draw up to the full amount of the letter of credit in order to complete, and have formal acceptance of, all improvements secured by the letter of credit. The amount of the letter of credit shall not be reduced by expenditures made by the Owner until such improvements have been formally accepted by the Village.

13. Exhibits. The following EXHIBITS, some of which were presented in testimony given by the Owner or the witnesses during the hearing held before the Plan Commission and the Corporate Authorities prior to the execution of this Agreement, are hereby incorporated by reference herein, made a part hereof and designated as shown below. This Agreement, upon execution by the parties, together with copies of all EXHIBITS, shall be kept on file with the Village Clerk and be available for inspection to the parties hereto.

EXHIBIT A	Legal Description of Property
EXHIBIT B	Development Improvement Agreement
EXHIBIT C	Preliminary Development Plan
EXHIBIT D	Preliminary Engineering Plan
EXHIBIT E	Landscaping Plan
EXHIBIT F-1 and F-2	Architectural Rendering

14. Building, Landscaping and Aesthetics Plans. Owner will submit building and landscaping plans (which landscaping plans shall conform to the requirements of Village Ordinances) for approval by the Appearance Commission and the Corporate

Authorities before commencing construction of buildings. Lighting and signage shall be compatible with surrounding areas. Phases not under construction or completed shall be maintained in a neat and orderly fashion as determined by the Village Manager.

15. Facilitation of Development. Time is of the essence of this Agreement, and all parties will make every reasonable effort to expedite the subject matters hereof. It is further understood and agreed that the successful consummation of this Agreement and the development of the Property in the best interests of all the parties requires their continued cooperation. The Owner does hereby evidence his intention to fully comply with all Village requirements, his willingness to discuss any matters of mutual interest that may arise, and his willingness to assist the Village to the fullest extent possible. The Village does hereby evidence its intent to always cooperate in the resolution of mutual problems and its willingness to facilitate the development of the Property, as contemplated by the provisions of this Agreement.

16. Enforceability of the Agreement. This Agreement shall be enforceable in any court of competent jurisdiction by any of the parties or by an appropriate action at law or in equity to secure the performance of the covenants herein described. If any provision of this Agreement is held invalid, such provisions shall be deemed to be excised herefrom and the invalidity thereof shall not affect any of the provisions contained herein.

17. Binding Effect of Agreement. This Agreement shall be binding upon the parties hereto, their respective successors and assigns.

18. Corporate Capacities. The parties acknowledge and agree that the individuals that are members of the group constituting the Corporate Authorities are entering into this Agreement in their official capacities as members of such group and shall have no personal liability in their individual capacities.

19. Notices. Any notice required pursuant to the provisions of this Agreement shall be in writing and be sent by certified mail to the following addresses until notice of change of address is given and shall be deemed received on the fifth business day following deposit in the U.S. Mail.

If the Owner: Trammell Crow Company
500 Park Boulevard
Itasca, Illinois 60143
Attention: Ronald C. Lunt

Copy to: Jeffrey Schamis
D'Ancona and Pflaum
30 N. LaSalle Street
Chicago, Illinois 60602

If to Village: Village Clerk
Village of Buffalo Grove
50 Raupp Boulevard
Buffalo Grove, IL 60090

Copy to: William G. Raysa
Bloche', French & Raysa
1011 Lake Street
Oak Park, IL 60301

20. Default. In the event Owner or Developer defaults, in his performance of his obligations set forth in this Agreement, then the Village, may, upon notice to Owner allow Owner sixty (60) days to cure default or provide evidence to the Village that such default will be cured in a timely manner if it cannot be cured during said period.

21. Special Conditions.

A. This Agreement supercedes all the unperformed provisions of the Settlement Agreement between the Village, the Land Trustee and Chesterfield Development Corporation dated December 6, 1976, pursuant to which a part of the Property was zoned in the R-9 District and the remainder in the B-2 District, all subject to certain limitations and provisions.

B. The Owner hereby agrees to install pedestrian crossing signals on Arlington Heights Road in order to facilitate a safe crossing for people using the bicycle path to cross Lake-Cook Road. The specific type of signalization shall be subject to the approval of the Village Engineer.

C. No free-standing fast-food restaurants will be permitted. This also excludes any drive-through facilities.

D. Review and approval of the "Future Restaurant" must be obtained. Approval of "Future Restaurant" must be reviewed against the provisions of the B-2 Zoning District.

E. The Owner agrees to dedicate a twenty (20) foot wide emergency access easement to the Village at a location to be determined by the Village on the northern property line of the Property in order to provide emergency acces to the parcel to the north.

F. The Owner agrees to pay the local share of traffic signals at the two entrances to Parcel A when they are warranted.

IN WITNESS WHEREOF, the Corporate Authorities and Owner have caused this instrument to be executed by their respective proper officials duly authorized to execute the same on the day and the year first above written.

VILLAGE OF BUFFALO GROVE

By _____
Village President

ATTEST:

_____
Village Clerk

B. The Owner hereby agrees to install pedestrian crossing signals on Arlington Heights Road in order to facilitate a safe crossing for people using the bicycle path to cross Lake-Cook Road. The specific type of signalization shall be subject to the approval of the Village Engineer.

C. No free-standing fast-food restaurants will be permitted. This also excludes any drive-through facilities.

D. Review and approval of the "Future Restaurant" must be obtained.

Ap

Zo RIDER ATTACHED TO AND MADE A PART OF DOCUMENT...
DATED 4/24/84 UNDER TRUST NO. 10064642 Parcel 10-23-74-09

This instrument is executed by LaSALLE NATIONAL BANK, not personally
ac but solely as Trustee, as aforesaid, in the exercise of the power and authority conferred upon and vested in it as such Trustee. All the
no terms. provisions, stipulations, covenants and conditions to be performed by LaSALLE NATIONAL BANK are undertaken by it solely as Trustee,. as
pa aforesaid, and not individually and all statements herein made are made on information and belief and are to be construed accordingly, and no personal liability shall be asserted or be enforceable against LaSALLE NATIONAL BANK by reason of any of the terms, provisions,
tw stipulations, covenants and/or statements contained in this instrument.
FORM XX 0421

IN WITNESS WHEREOF, the Corporate Authorities and Owner have caused this instrument to be executed by their respective proper officials duly authorized to execute the same on the day and the year first above written.

VILLAGE OF BUFFALO GROVE

By Velma L Clayton
Village President

ATTEST:

Agnes M. Scanlan
Village Clerk

LA SALLE NATIONAL BANK, not individually but solely as Trustee under Trust No. 104643 dated January 7, 1982

By: _____
ASSISTANT VICE PRESIDENT

~~EXCHANGE NATIONAL BANK OF CHICAGO not individually but solely as Trustee under Trust No. 23674~~

~~By:~~ _____

LA SALLE NATIONAL BANK, Not individually but solely as Trustee under Trust No. 102367409 dated March 4, 1970

By: _____

Beneficiary: Bison #1, a Texas limited partnership, its General Partner

By: _____
General Partner

_____
ARTHUR ZALTZMAN, as Trustee under Declaration of Trust dated October 22, 1980

EXHIBIT "A"

BUFFALO GROVE BUSINESS PARK AND RETAIL CENTER
PLANNED UNIT DEVELOPMENT AGREEMENT

PARCEL A: O & R (OFFICE AND RESEARCH) ZONING PARCEL

Parcel 1 - Lots 1 and 2 in Buffalo Grove Business Park Unit 1, being a subdivision in the west 1/2 of the southwest 1/4 of Section 32, Township 43 north, Range 11, east of the Third Principal Meridian according to the Plat thereof recorded October 15, 1982 as Document No. 2181510, in Lake County.

Parcel 2 - That part of the west 1/2 of the southwest 1/4 of Section 32, Township 43 north, Range 11, east of the Third Principal Meridian, described as follows: Beginning at the northwest corner of Lot 1 in Buffalo Grove Business Park Unit 1, being a subdivision in the west 1/2 of the southwest 1/4 of said Section 32, according to the plat thereof recorded October 15, 1982 as Document No. 2181510; thence south 00 degrees 00 minutes 00 seconds west along the west line of said Lot 1, 38.30 feet; thence 89 degrees 48 minutes 35 seconds west, 149.87 feet; then north 00 degrees 11 minutes 25 seconds west, 196.50 feet; thence north 89 degrees 48 minutes 35 seconds east, 33.99 feet; to a point of curvature: thence easterly along a curved line convex southerly, having a radius of 1600.0 feet and being tangent to said last described line at said last described point, an arc distance of 275.38 feet to a point of reverse curvature (the chord of said arc bears north 84 degrees 52 minutes 44 seconds east, 275.04 feet); thence southeasterly along a curved line convex northeasterly, having a radius of 75.0 feet and being tangent to said last described curved line at said last described point, an arc distance of 130.97 feet to a point of tangency (the chord of said arc bears south 50 degrees 01 minutes 33 seconds east, 114.95 feet); thence south 00 degrees 00 minutes 00 seconds west along a line tangent to said last described curved line at said last described point, 107.70 feet to the northeast corner of Lot 1, aforesaid; thence south 89 degrees 48 minutes 35 seconds west along the north line of said Lot 1, 245.50 feet to the place of beginning, in Lake County, Illinois.

Parcel 3 - That part of the west 1/2 of the southwest 1/4 of Section 32, Township 43 north, Range 11, east of the Third Principal Meridian, described as follows: Beginning at the intersection of a line 1070.75 feet north of and parallel with the south line of said southwest 1/4 with the east line of the west 1/2 of said southwest 1/4; thence south 00 degrees 00 minutes 00 seconds west along the east line of the west 1/2 of said southwest 1/4, 538.26 feet to the northeast corner of Lot 2 in Buffalo Grove Business Park Unit 1, being a subdivision in the west 1/2 of the southwest 1/4 of said Section 32, according to the plat thereof recorded October 15, 1982 as Document No. 2181510; thence south 89 degrees 48 minutes 35 seconds west along the north line of said Lot 2, being also the north line of the south 532.50 feet, as measured at right angles, of the west 1/2 of said southwest 1/4, 373.50 feet to the northeast corner of Lot 1 in said Buffalo Grove Business Park Unit 1; thence north 00 degrees 00 minutes 00 seconds east, 107.70 feet to a point of curvature; thence northwesterly along a curved line convex northeasterly, having a radius of 75.0 feet and being tangent to said last described line at said last described point, an arc distance of 130.97 feet to a point of reverse curvature (the chord of said arc bears north 50 degrees 01 minutes 33 seconds west, 114.95 feet); thence westerly along a curved line convex southerly, having a radius of 1600.0 feet and being tangent to said last described

curved line at said last described point, an arc distance of 275.38 feet to a point of tangency (the chord of said arc bears south 84 degrees 52 minutes 44 seconds west, 275.04 feet); thence south 89 degrees 48 minutes 35 seconds west, 33.99 feet; thence south 89 degrees 32 minutes 31 seconds west, 494.82 feet to a point on the east line of Arlington Heights Road, being a line 50.0 feet, as measured at right angles, east of and parallel with the west line of the southwest 1/4 of said Section 32, said point being 638.38 feet north of the intersection of said east line of Arlington Heights Road with the north line of Lake-Cook Road, being a line 50.0 feet, as measured at right angles, north of and parallel with the south line of the southwest 1/4 of said Section 32; thence north 00 degrees 03 minutes 29 seconds west along said east line of Arlington Heights Road, 382.37 feet to an intersection with said line 1070.75 feet north of and parallel with the south line of the southwest 1/4 of said Section 32; thence north 89 degrees 48 minutes 35 seconds east along said last described parallel line, 1264.72 feet to the Place of Beginning, in Lake County, Illinois.

PARCEL B: B-2 (GENERAL RETAIL) ZONING PARCEL

That part of the west 1/2 of the southwest 1/4 of Section 32, Township 43 north, Range 11, east of the Third Principal Meridian, described as follows: Commencing at the northwest corner of Lot 1 in Buffalo Grove Business park Unit 1, being a subdivision in the west 1/2 of the southwest 1/4 of said Section 32, according to the plat thereof recorded October 15, 1982 as Document No. 2181510; thence south 00 degrees 00 minutes 00 seconds west along the west line of said Lot 1, being also a line 619.0 feet, as measured at right angles, west of and parallel with the east line of the west 1/2 of the southwest 1/4 of said Section 32, 38.30 feet to a point for a place of beginning; thence south 89 degrees 48 minutes 35 seconds west, 149.87 feet; thence north 00 degrees 11 minutes 25 seconds west, 196.50 feet; thence south 89 degrees 32 minutes 31 seconds west, 494.82 feet to a point on the east line of Arlington Heights Road, being a line 50.0 feet, as measured at right angles, east of and parallel with the west line of the southwest 1/4 of said Section 32, said point being 638.38 feet north of the intersection of said east line of Arlington Heights Road with the north line of Lake-Cook Road, being a line 50.0 feet, as measured at right angles, north of and parallel with the south line of the southwest 1/4 of said Section 32, thence south 00 degrees 03 minutes 29 seconds east along said east line of Arlington Heights Road 638.38 feet to said north line of Lake-Cook Road; thence north 89 degrees 48 minutes 35 seconds east along said north line of Lake-Cook Road, 644.69 feet to the southwest corner of Lot 1 in Buffalo Grove Business Park Unit 1, aforesaid; thence north 00 degrees 00 minutes 00 seconds east along the west line of said Lot 1, 444.20 feet to the place of beginning, in Lake County, Illinois.

Containing 383,171 square feet or 8.796 acres.

MINUTES OF THE REGULAR MEETING OF THE PLANNING AND ZONING COMMISSION HELD AT JEFFREY S. BRAIMAN COUNCIL CHAMBERS FIFTY RAUPP BLVD, BUFFALO GROVE, IL 60089, WEDNESDAY, DECEMBER 17, 2025

CALL TO ORDER

Acting Chairperson Moodhe called the meeting to order at 7:30 PM. Roll call indicated the following were present:PZC Commissioner Moodhe, PZC Commissioner Worlikar, PZC Commissioner Spunt, PZC Commissioner Davis, PZC Commissioner Schwartz.

Also present were: Trustee Liaison Lester Ottenheimer, Village Attorney Patrick Brankin, Community Development Director Nicole Woods, Deputy Community Development Director Kelly Purvis, Associate Planner Andrew Binder, Village Engineer Briget Schwab, Consulting Engineer Amy McKenna, and Civil Engineer Dan Hoscilo.

PUBLIC HEARINGS/ITEMS FOR CONSIDERATION

A. **Consideration of a Special Use for a Planned Unit Development, R-7 Rezoning, Plat of Subdivision, Preliminary Plan, and Variations to the Development, Zoning, and Sign Codes to construct a 33-unit single-family development on the properties located at 301 and 20311 Weiland Road.**

Associate Planner Binder provided an overview of the proposed development and requested approvals, indicating staff's support for the project.

Julie Workman was sworn in on behalf of MI Homes.

Workman provided an overview of MI Homes, highlighting that they construct high-quality single-family and townhome developments. She explained MI Homes' interest in developing in Buffalo Grove, citing the excellent amenities and school districts in the area. She also pointed out the need for new homes in Lake County. Workman discussed how the development aligns with the Village Comprehensive Plan. She addressed the natural drainage patterns on the site, explaining that a detention basin is planned for the low side of the property, specifically in the northeast corner. Additionally, she noted that the project would have minimal impact on the roadway network, generating very little traffic. Lastly, Workman mentioned that one piece of feedback received during the public meeting was a request from neighbors for a fence to be installed.

Com. Davis noted that he lives in the Ridgewood Townhomes and expressed disappointment over the removal of a crosswalk, highlighting concerns about losing a safety feature. He also inquired whether the traffic study considered pedestrian traffic on non-soccer tournament days.

Workman noted that the traffic study did not take into account pedestrian traffic on non-soccer days. He also mentioned that there is an existing pedestrian crossing located slightly further north, which is relatively well-used. This area has been identified as a sustainable crossing point.

Com. Davis inquired about concerns regarding potential short cuts through the new development, as access from Raymond to Pauline is now possible.

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Anna Sutton was sworn in on behalf of MI Homes. She indicated that the traffic study indicated that people in the north would use their access to exit more often than the new development would use Raymond Road as a cut through.

Com. Davis inquired to confirm whether the fire department approved the smaller cul-de-sac diameter.

Binder confirmed that the Fire Staff reviewed and were OK with the plans presented.

Com. Davis mentioned the need for upkeep in landscaping and maintenance of the subdivision signs along Weiland Road. He asked what measures will be taken to ensure these areas remain in good condition.

Workman stated that the homeowners' association has the responsibility for maintaining all the improvements within the common areas, including the signage that will be on Weiland Road. She noted that the annexation and development agreement will include additional language allowing the village to enter and maintain the area, charging the HOA back if any issues arise.

Sutton noted the HOA's role during and after build-out and stated that common areas will be conveyed to the HOA once the community is well-developed. The HOA will manage the detention area and other common spaces, but MI Homes will retain ownership of certain items, like detention, for a few years to ensure proper establishment before handing everything over.

A discussion was held about the proposed fence around the perimeter and the gap between the fence and the bike path.

Com. Spunt asked about the 3 car garage option.

Sutton indicated that they don't have space for development of a 3-car garage within the site. There may have been an option for a 3-car garage in the packet, but this project won’t include one.

Commissioner Spunt asked whether the primary reason for selecting this site was to address the housing deficit and provide homes for the area. He pointed out that the slide indicated a shortage of 11,400 housing units by 2020.

Workman stated that the area has a wonderful school district and is very suitable for new housing. It's a prime location for single-family homes, especially since there’s a strong demand for housing. In the past, home builders focused on large tracts of land, but now we look for smaller infill parcels, which require more creativity and effort to develop.

Com Spunt asked if there were any changes to the plans after the neighborhood meeting.

Workman stated that they added the fence. The issues discussed with the neighbors

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were primarily about the fence, the route of the bike path traffic on Weiland, stormwater management, and the use of Pritchett Pond.

Woods highlighted the need for more housing in the Lake Housing Study, emphasizing that while much of the community is built out, there are still pockets of undeveloped land anticipated for housing in long-range planning. Although large-scale development is less common in Buffalo Grove, potential areas for redevelopment do exist.

Com Worlikar had questions about Sheffield Drive, focusing on road width, snow removal, and access for delivery trucks and school buses around the detention pond and into the cul-de-sac area.

Workman stated we've checked all the turn radii for fire trucks, buses, and everything else that could potentially need to come in and out of the community, and the geometry works.

Com. Worklikar mentioned that the area looks a bit tight, particularly considering larger vehicles like school buses. There was a question about parking on the curve at the entrance, and it's important to ensure proper signage for accessibility. Amendments have been made in other village areas before.

Woods mentioned that we can consider this as we move into detailed engineering, focusing on site visibility and lines of sight related to street curvature.

Com. Worlikar inquired about the road width standard, asking if it meets our minimum specifications and how it compares to others.

Purvis stated that the roadway is our standard size, and it is a standard public right-of-way as well, totaling 60 feet.

Com. Worlikar inquired about the proximity of green spaces to the new blue park on Weiland and if it is accessible from the area, noting the expectation of many kids.

Purvis mentioned that the Park District provided an analysis showing the park is on the outskirts of the service area. She noted that a representative from the Park District could offer more information during public comments.

Woods noted the importance of improving bike path connectivity to enhance access to larger green spaces and open areas.

Com. Worlikar asked about lot sizes, noting the smallest is 5,392 square feet, with an average around 7,000. He mentioned the range is typically between 5,500 and 6,500 square feet and sought to understand the average lot size for the Village overall.

Purvis mentioned that we don't have that information readily available and would need to conduct research to provide an accurate response.

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Woods emphasized the importance of balancing push and pull factors in stormwater detention to ensure lots are appropriately sized. This balancing act sometimes leads to irregular lot sizes, as they must conform to geometric constraints, resulting in a mix of smaller and larger lots reflected in the site plan.

Com. Worlikar asked how staff determined the density number and how it compares to other communities, including Link Crossing.

Workman provided an overview of the density and surrounding subdivisions.

Com. Worlikar inquired about the formulas used to calculate the impacts presented for District 102.

Workman stated that they started by reviewing the code requirements and observing that other recently constructed communities had produced more students than expected. Initially, they suggested a higher number than what the code mandated. After discussions with D102 regarding their needs and expectations for student generation, they reached an agreement on a fair contribution amount and ultimately decided to increase their initial proposal. For D125, however, they are providing only what the code requires.

Woods emphasized the importance of student impact to the community. In collaboration with D102, they analyzed recent housing projects to assess student generation compared to existing codes. They found that while single-family homes generated student numbers comparable to the code, single-family attached townhomes produced higher student counts than the code suggests. As a result, adjustments should be made, particularly for attached single-family homes.

Com. Worlikar asked if the median at Weiland Road is being removed and how it impacts traffic.

Schwab confirmed that the median, which acts as a pedestrian crossing, will be removed to allow for proper tapering of the left turn lane into the development.

Com Worlikar inquired about the tree plan, mentioning that some trees have been affected by diseases. There was a focus on ensuring tree diversity for the longevity of green spaces.

Schwab confirmed that the Village Forester has reviewed the selected specific species for the development, and that he is focused on preventing similar issues in the future.

Discussion occured about the construction practices and materials, participants highlighted the importance of using high-quality materials for driveways and home construction, emphasizing that their standards exceed those of competitors. The architectural details were noted for their uniqueness, including a variety of garage doors, light fixtures, and trim colors within the community.

Concerns were raised regarding construction road access, work hours, and the

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impact on the community, particularly in relation to sewer issues and flooding. It was assured that a dedicated construction team would manage these aspects professionally, complying with village regulations regarding working hours and maintaining good communication with the community. Village Staff expressed confidence in their team's ability to address any problems promptly and highlighted the presence of inspection teams to oversee proper construction practices and address public concerns.

Com Schwartz inquired about the price point for these homes.

Workman indicated that they anticipate the amount to be between $850,000 and $900,000.

Com Schwartz mentioned a new decorative fence replacing the current chain link one.

Doug Shannon from MI Homes stated that the proposed fence will be a 5-foot solid wood privacy fence.

Com. Schwartz expressed admiration for the properties in the area and highlighted the demand for housing due to a shortage of 11,000 units. He emphasized the need for support from Lincolnshire and the surrounding area to accommodate this growth, particularly regarding roadways, road widths, and school access. He mentioned traffic issues caused by ongoing development and urged builders to collaborate with local school districts and jurisdictions to address these challenges. Schwartz noted his support for community growth and improvement while recognizing the complexities involved.

Com Davis inquired about the school bus pickup and if this will occur in the subdivision.

Workman mentioned they're still figuring out the logical stop with the district.

Com Davis asked about lot sizes and variations and that the average lot size is just over 7,100 square feet, and we have a variance to go below the 7,200-square-foot minimum. He asked many homes are under that threshold.

Workman said about 1/3.

Com. Davis emphasized the importance of using current communities as a precedent while ensuring that the average does not decrease over time. He highlighted the need to prevent the proportion of homes falling below a certain threshold from growing and suggested this should be included in future development discussions.

Workman noted that while it's a fair point, there’s a trend among Gen Z and millennials favoring less land to manage, which is driving the popularity of townhomes among the younger population and students.

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Com. Moodhe inquired about who is responsible for operating the snowplow.

Workman said it will be public streets, so the Village will handle the snowplowing.

Com. Moodhe is concerned about removing the crosswalk, as it disrupts pedestrian access and without it, people would have to walk much farther to cross safely at Pauline Ave, which complicates access.

Director Woods noted that although walkability is encouraged, the existing crosswalk was meant for the soccer fields and the parking lot. Established in 2020 as a safety measure for heavy parking, the median crossing is no longer necessary. The engineering team is evaluating the situation to ensure safety while maintaining walkability.

Schawb mentioned that the pedestrian crossing was considered for removal due to the need for a left turn lane and the taper lengths required by IDOT guidelines, which conflicted with the existing crosswalk. She noted that the entrance to the existing Schwaben site is a driveway and the proposed change to the access would be street, requiring the need for the left turn lane tapering.

Com. Moodhe discussed the funding for school districts, noting that while immediate needs are addressed, long-term costs tend to increase. Schools are reaching their limits, requiring variances for new buildings. He asked if the bike path will connect to Pritchett Elementary, enabling residents with elementary school kids to walk there.

Workman confirmed.

Com. Moodhe asked if we are considering future variances for sunrooms and fences with these smaller lot sizes.

Sutton explained that on the proposed site plan, certain lots can't accommodate all of the options due to zoning restrictions. If buyers choose a floor plan with a morning room but select a lot that doesn't allow it, they will need to pick another lot. Additionally, they must sign a declaration agreeing to a set of rules after closing.

Com. Moodhe mentioned that the initial buyers may not be the ones who see potential in the property, but future buyers might envision possibilities, such as adding a sunroom, even if it may not be allowed.

Workman noted that the HOA agreement and declaration will have strict limitations on additions, requiring HOA approval. The HOA will impose tight restrictions, with processes in place for any proposals, but overall, the options will be very limited.

Com. Moodhe emphasized that it should be clearly stated, even though it's included in the declarations.

Com. Worlikar asked if the HOA will maintain the wood fence, the monument sign, and the detention pond.

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Workman confirmed.

The Staff Report was entered into the record as Exhibit 1.

Laurie Hoffman, from the Buffalo Grove Park District was sworn in. She noted that they recently did a study as part of their accreditation. She noted that the property is on the edge of the service area for Willow Stream and Emmerich Park.

Kevin Dryman, Resident of 260 Osage Ter, was sworn in. He raised a few concerns: first, about the extension of the walking path, which will be right outside the easement on his property, near the water retention area. He expressed concern about potential traffic behind his house and wondered why the path couldn't be moved further north. Second, he noted the significant investment in widening Pritchett Pond and asked if any environmental impact studies have been conducted, given the ecological disruptions over recent months. Third, he mentioned that last winter, his street was only plowed once in 24 hours, which was after a neighbor called the non-emergency line to report that she has a wheelchair-bound child needing clear roads. He inquired how the village plans to handle additional snowplowing services for the extra roads.

Woods noted that the pond issue has been addressed and is not open for discussion at this meeting.

Workman addressed the walking path concern, noting that due to the village's vision for the bike path and the comprehensive plan, options for making connections are limited.

Schawb mentioned she can bring snow removal concerns to the Public Works team. The operations team involved in setting up the fall route is part of the plan review process, ensuring all issues are addressed. She can definitely raise these concerns with the operations team.

David Besser, a resident at 365 Dogwood Terrace, was sworn in and questioned who decided to create a connection to the bike path from the new subdivision to Richmond. He expressed concerns about privacy issues, noting that people will be walking through backyards and increasing walking and biking traffic, and more people could be using the tot lot.

Workman noted that they were following the guidance of the Village’s Comprehensive Plan to create a connection for the bike path, aligning with the Village’s vision. This is something the village has been working on, and they are trying to accommodate the needs of the entire community.

Woods emphasized the importance of connecting public bike and pedestrian paths to reduce reliance on cars and enhance community connectivity, aligning with our policy and comprehensive planning practices.

Besser questioned the privacy of people's homes and the community's responsibility regarding the upcoming new residents using the existing tot lot.

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Woods mentioned that if Besser is interested in installing a privacy fence for their property, the Village Staff can provide the necessary information to help.

Besser raised concerns about traffic on Weiland Road, particularly for cars turning left into the Schwaben Center. He asked what studies were done to ensure this development wouldn't cause backups.

Schwab noted that the mid-block crossing is being removed to allow for proper queue lengths and taper lanes for turn lanes.

Besser mentioned that school buses currently don't enter our subdivisions and only stop on Pauline. Will they stop on Weiland Road, and how will our kids get to their stop?

Workman stated that they will collaborate with the school district and busing companies to find the best location.

A general discussion was held regarding the connection to the detention pond and its construction.

Resident of 317 Dogwood Ter, was sworn in. He asked about the fiscal impact of rising property taxes and utility bills, and how this will affect the neighborhood and housing.

Workman expressed uncertainty about how the community's values might be impacted but acknowledged the interesting question regarding utilities. She does not believe that the community will significantly affect utility costs in surrounding areas, unlike the impact of data centers and AI usage.

Gleb Sazonov, resident of 315 Dogwood Ter, was sworn in. He expressed concerns about a new development near his townhome. He highlighted that increased traffic from Fairview residents would affect local roads and amenities, particularly the bike path. Sazonov urged that the bike path's current shape be preserved, as it directly impacts his backyard. He also noted issues regarding access to Prichett School and the importance of maintaining the existing crosswalk on Weiland Road for safety. Additionally, he raised concerns about potential construction and dirt disturbances.

Shannon mentioned that there won't be large stockpiles, just a topsoil pile to spread on the lawns, which are sold after the house construction. A silt fence will be put up for control, especially if there's a dust issue.

Resident at 381 Raymond Ave was sworn in. He asked if the construction traffic will be using Raymond Road. He also asked if there is opportunity to create more walking space in the development.

Sutton stated that there will be no traffic on Raymond Road during the construction and she noted that sidewalks will be installed throughout the development.

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The public hearing was closed.

Com. Davis made a motion to make a positive recommendation to the Village Board for approval of a Special Use for a Planned Unit Development, R-7 Rezoning, Plat of Subdivision, Preliminary Plan, and Variations to the Development, Zoning and Sign Codes to allow construction of a 33-unit single-family home development at 301 and 20311 Weiland Road, subject to the conditions recommended in the staff report.

The motion was seconded by Com. Worlikar.

Com. Worlikar emphasized the importance of balancing community needs while minimizing impacts on existing homeowners. He appreciates community feedback and values the presence of the school district. The planning process involves considerations for infrastructure, safety, and connectivity, including traffic studies and neighborhood integration through features like bike paths and low fences. He acknowledged privacy concerns and the potential for collaboration with developers for improvements. Overall, he expressed support for the proposed variations and motion, highlighting the ongoing partnership with the village and developers to enhance the community.

Com. Schwartz mentioned he grew up here and values privacy. He also considers the neighbors' concerns and emphasized the importance of privacy for current homes, which he believes should be a key consideration.

Moved by Jason Davis, seconded by Neil Worlikar to recommend approval. Upon roll call, the Commissioners voted as follows:

AYES:	5	Adam Moodhe, Neil Worlikar, Marc Spunt, Jason Davis, Don Schwartz
NAYS:	0	None
ABSENT:	4	Mitchell Weinstein, Amy Au, Sujat Saxena, Chad Gregory

Motion declared Passed.

B. **Consideration of an amendment to the Planned Unit Development and Preliminary Plan approved by Ordinance No. 84-028, to allow a health club greater than 10,000 square feet, and drive-through restaurants as future uses within the shopping center, as well as approval of a sign package with Variations to the Sign Code for the redevelopment of Chase Plaza at 1160 Lake Cook Road.**

Director Woods and Deputy Director Purvis provided an overview of the proposed development and requested approvals, indicating staff's support for the project.

Louis Schriber was sworn in on behalf of Shorewood Development Group.

Schriber provided an overview of the request for the amendment to the Planned Development, the proposed signage and the drive-through request. He indicated that Shorewood Development Group has been involved in multiple projects in Buffalo Grove with the Woodman's Food Market and the Tesla Dealership. He stated that his team is back to help revitalize another important site within Buffalo Grove.

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Com. Schwartz stated that he is extremely excited about this project, which has been vacant way too long, and indicated that he used to work at the old Dominick's and Domino's. He asked about the tenants that they are seeking to fill the spaces.

Schriber stated that one of the reasons they have done this in two phases is that there are 4 owners within the shopping center, and the most pressing and important parcel is the old Dominick's /Albertson's site. We're running out of time with them, so they are working to get phase 1 done to move forward and close on the phase 1 property by January 22nd. He stated that shortly after closing, they will work on the second tenant.

Com. Spunt asked if the tenant spaces/building where the Dominio's is currently at is staying.

Schriber confirmed.

Com. Spunt asked if the Buffalo Restaurant at the corner will be staying.

Schriber stated that it will be a part of Phase 2.

Purvis reiterated that the proposal tonight is just for the old Dominick's portion of the property that includes the facade updates, landscaping, lighting and signage, while also generally allowing drive-throughs within the Chase Plaza Shopping Center.

Com. Spunt asked for clarification on what is happening to the existing buildings.

Schriber mentioned considering redeveloping the site by demolishing everything and rebuilding. However, he noted that with the two current uses, they would end up constructing a very similar structure. He also said that despite the building's poor condition and outdated facade, they plan to demolish this section down to just two walls. He also stated that they will tear down the entire facade and put up a new one, since the existing one is outdated.

Com. Spunt asked about Club Studio and if it is going to be similar to their other clubs.

Schriber explained that LA Fitness owns Club Studio, which is a higher-end brand competing with Lifetime Fitness but without a pool. He mentioned that Lifetime Fitness typically spans about 100,000 sq ft, while Club Studio will be around 34,000 sq ft. He confirmed there will be no outside area for Club Studio.

Com. Spunt asked if the EV Chargers will be Tesla superchargers.

Schriber confirmed they will be superchargers.

Com. Worlikar asked about the proposed right-turn lane along Lake Cook Road and if the sidewalk will exist or be removed.

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Schwab stated there will still be a sidewalk.

Com. Worlikar wanted to clarify that the purpose of the drive-through request is to provide future tenants with better access and visibility, and to enable proactive marketing of the site.

Schriber confirmed and to refresh the PUD on what the market is demanding today.

Woods reiterated that the current PUD does not allow drive-throughs and that amending it would remove that prohibition. However, the plan set shows how a drive-through could work. If a drive-through is planned for the site with a tenant, they will have to come back to the Village for approval.

Acting Chairperson Moodhe asked if Shorewood is looking to develop the entire parcel.

Schriber confirmed that they are under contract with all four owners, and the first step is to secure what they are presenting tonight, describing it as very proactive. He mentioned that this approach causes some discomfort but noted that they've successfully collaborated with Buffalo Grove on two other projects. They are willing to take this risk by prioritizing the key elements now and completing the remaining parts later. He stated that Phase 2 will be presented in the first quarter of 2026.

Acting Chairperson Moodhe asked about the replacement of the existing monument signs.

Purvis confirmed they are removing and replacing the two existing monument signs with new ones in roughly the same location.

Acting Chairperson Moodhe asked what the use will be for the retail space and if it will be a single retailer.

Purvis stated that the space is general retail.

Schriber confirmed it will be single retail for the west tenant space, and there will be two tenants total within the old Dominic's space.

Com. Spunt asked if any of the access points are changing.

Schriber confirmed that no access points are changing.

Com. Worlikar asked about the proposed signage and if all the wall signage is for a single tenant.

Schriber stated that the wall signs across the facade are for both tenants.

The Staff Report was entered into the record as Exhibit 1.

Com. Davis made a motion to make a positive recommendation to the Village Board

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to allow an amendment to the Planned Unit Development and Preliminary Plan approved by Ordinance No. 84-028, to allow a health club greater than 10,000 square feet, and drive-through restaurants as future uses within the shopping center, as well as approval of a sign package with Variations to the Sign Code for the redevelopment of Chase Plaza at 1160 Lake Cook Road, subject to the conditions recommended in the staff report.

The motion was seconded by Com. Spunt.

Com. Spunt mentioned that this building is old and no longer operational. It will become a great high-traffic site, and the new development will look excellent.

Com. Worlikar reiterated Com. Spunt's position and expressed that we are eager to redevelop this area. He mentioned that splitting the parcel into two parts with additional sign variations—still within our standards, even if more numerous than usual—makes sense. He also highlighted that from a tenant management perspective, it's very smart for people to have an idea of what is planned. Whether a drive-through is added later or not, understanding that it's part of the initial plan promotes openness, honesty, and transparency. He believes such clarity helps with overall management and supports the motion for these reasons.

Acting Chairperson Moodhe expressed support for the motion, emphasizing the importance of considering all facts, reviewing the entire project and a cohesive plan, and collaborating with staff to complete it.

Moved by Jason Davis, seconded by Marc Spunt to recommend approval. Upon roll call, the Commissioners voted as follows:

AYES:	5	Adam Moodhe, Neil Worlikar, Marc Spunt, Jason Davis, Don Schwartz
NAYS:	0	None
ABSENT:	4	Mitchell Weinstein, Amy Au, Sujat Saxena, Chad Gregory

Motion declared Passed.

REGULAR MEETING

A. **Other Matters for Discussion**
None.

B. **Approval of Draft Minutes from the December 3, 2025 PZC Meeting**
Moved by Marc Spunt, seconded by Jason Davis to approve. Upon roll call, Tthe Commissioners voted as follows:

AYES:	5	Adam Moodhe, Neil Worlikar, Marc Spunt, Jason Davis, Don Schwartz
NAYS:	0	None
ABSENT:	4	Mitchell Weinstein, Amy Au, Sujat Saxena, Chad Gregory

Motion declared Passed.

C. **Chairperson's Report**
None

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D. **Committee and Liaison Reports**

E. **Staff Report/Future Agenda Schedule**

Deputy Director Purvis thanked the PZC members for attending the meeting during the thick of the holiday hustle and bustle. She indicated that the January 7, 2026 meeting will be canceled and wished the Commissioners a happy holiday season.

F. **Public Comments and Questions**

All comments will be limited to 5 minutes and should be limited to concerns or comments regarding issues that are relevant to Planning and Zoning Commission business and not on the regular agenda for discussion.

None

ADJOURNMENT

The meeting was adjourned at 9:53 PM

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AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 9.b. O-2026-7
Ordinance Authorizing the Purchase of four (4) Police Department Vehicles and two (2) Public Works Department Vehicles from Currie Motors

Contacts

Liaison: Trustee Cesario
Staff: Chris Krase

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve an ordinance authorizing the purchase of four (4) Police Department Vehicles and two (2) Public Works Department Vehicles from Currie Motors in an amount not to exceed $307,176.00, subject to final review and approval by the Village Attorney.

Summary

See attached memo.

Strategic Alignment

Guiding Principle

Principle 1: Financially Responsible and Sound

Goal

Goal 1: Maintained effective village government: fiscally responsible and providing outstanding, responsive services

File Attachments

1. Memo-Police and Public Works Department Fleet Replacement 2026-12092025
2. Combined Currie Motors Quotes 2026
3. DRAFT Ordinance-Police and Public Works Department Fleet Replacement 2026-12092025

MEMORANDUM

DATE: December 9, 2025

TO: Dane Bragg Village Manager

FROM: Chris Krase Deputy Director of Public Works

SUBJECT: Police and Public Works Fleet Replacements 2026

RECOMMENDATION

Staff recommends the Village Board authorize the Village Manager to purchase four (4) Police Department fleet replacement vehicles and two (2) Public Works Department vehicles from Curie Motors, through the Suburban Purchasing Cooperative/Northwest Municipal Conference in accordance with the Illinois Joint Purchasing Act (30 ILCS 525/0.01 et seq.), in a total not to exceed amount of $307,176.00, subject to final review and approval by the Village Attorney.

BACKGROUND

Staff requests authorization to purchase one (1) 2026 Ford F-150 Police Responder Pick Up Truck, three (3) 2026 Ford Interceptor Utility Vehicles for the Police Department, and one (1) 2026 Ford Explorer as well as one (1) 2026 E-Transit-350 Cargo Van for the Public Works Department. These units are scheduled replacements, or approved Fleet adds in the Fiscal Year 2026. These units will be procured through the Suburban Purchasing Cooperative/Northwest Municipal Conference. All units are fully funded in the Fiscal Year 2026 capital reserve budget in the total amount of $307,176.00. Police Vehicle up-fitting for the new 2026 Ford vehicles will be performed under a separate contract and have no direct impact on the Capital Budget, while the Public Works vehicles up-fit will be performed internally by staff and have been accounted for in the budget.

THE FOLLOWING POLICE & ENGINEERING DEPARTMENT UNITS ARE SCHEDULED FOR REPLACEMENT:

Unit 712- Is currently a 2022 Ford Police Utility Interceptor with 71,205 miles on the odometer, assigned to the Traffic Unit. 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 2026 F-150 Responder at a cost of $51,534.00, with a budgeted

amount of $55,000.00. This vehicle will be assigned to the Traffic Unit and can tow the Police Department enclosed trailer for events, training and/or emergency responses.

Unit 725- Is currently a 2022 Ford Police Utility Interceptor with 52,000 miles 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 2026 Ford Explorer Interceptor at a cost of $49,351.00, with a budgeted amount of $55,000.00. This vehicle will be assigned to the Traffic Unit as a marked patrol unit.

Unit 730- Is currently a 2017 Ford Police Utility Interceptor with 61,255 miles 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 2026 Ford Escape at a cost of $49,351.00, with a budgeted amount of $55,000.00. This vehicle will be assigned to the Traffic Unit as an unmarked patrol unit.

Unit 732- Is currently a 2017 Ford Police Utility Interceptor with 56,648 miles 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 current unit will be reassigned as an Admin support unit, replacing unit 708 (2025 Ford Escape). Unit 708 will be reallocated to the PW Engineering fleet to support operations and the increased staffing levels of that section. This vehicle will be replaced with a 2026 Ford Explorer Interceptor at a cost of $48,946.00 with a budgeted amount of $55,000.00. This vehicle will be assigned to the Investigations/Youth Unit.

Unit 412 - Is currently a 2015 Ford Escape with 26,411 miles currently on the odometer. This unit is due to be replaced as it is fully funded within the FY26 budget. The current unit will remain in the Engineering fleet through the FY27 budget request and continue to be evaluated during this time to support operations and the increased staffing levels of that section. This vehicle will be replaced with a 2026 Ford Escape at a cost of $43,860.00, with a budgeted amount of $45,000.00. This vehicle will be assigned to the PW Engineering fleet in support of the growing staffing levels of that section.

Unit 445 – This unit is a Fleet Add for the Public Works Department, assigned to the Building Maintenance Section. The new unit is a 2026 Ford E-Transit service van at a cost of $64,134.00, with a budgeted amount of $70,000.00. This unit will be upfit with necessary storage and shelving to meet the service requirements of Building Maintenance tasks as assigned. The new unit will be an electric vehicle added to our fleet, helping to reduce our carbon footprint and saving money on fuel over its lifespan. This purchase is consistent with our green initiative where possible within the Village fleet.

APPENDICES

a. Combine Currie Motors Quotes 2026

Prepared for: , Village of Buffalo Grove Units #712

2026 F-150 Police Responder 4x4 5.5' box 145" WB XL (W1P)

Price Level: 615

Client Proposal

Prepared by:
Nic Cortellini
Office: 815-464-9200
Email: ncortellini@curriemotors.com
Quote ID: 2026-BG4
Date: 12/08/2025

2026 F-150 Police Responder 4x4 5.5' box 145" WB XL (W1P)

Price Level: 615 | Quote ID: 2026-BG4

Warranty

Standard Warranty

Basic Warranty

Basic warranty	36 months/36,000 miles

Powertrain Warranty

Powertrain warranty	60 months/100,000 miles

Corrosion Perforation

Corrosion perforation warranty	60 months/unlimited

Roadside Assistance Warranty

Roadside warranty	60 months/60,000 miles

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove Units #712
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 F-150 Police Responder 4x4 5.5' box 145" WB XL (W1P)

Price Level: 615 | Quote ID: 2026-BG4

Major Equipment

(Based on selected options, shown at right)

10-speed automatic

Exterior: Agate Black Metallic

Interior: Black w/HD Police-Grade Cloth 40/Blank/40 Front-Seats

* Running boards
* Class IV tow rating
* Front tires LT load rating: C
* Lock-up transmission
* Alternator Amps: 240A
* All-speed ABS and driveline traction control
* Battery rating: 800CCA
* Battery run down protection
* Steering wheel mounted audio controls
* 12 inch primary display
* AM/FM
* Radio data system (RDS)
* Internet radio capability
* Wheelbase: 145.0"
* Tire/wheel capacity rear: 4,800 lbs.
* Spring rating front: 3,525 lbs.
* Rear window defroster
* Manual folding door mirrors
* Deep tinted windows
* 18 x 8.5-inch front and rear silver aluminum wheels
* LT265/70RS18 AT BSW front and rear tires
* Overdrive transmission
* Transmission electronic control
* Stainless steel single exhaust
* Driver selectable rear locking differential
* HD lead acid battery
* Fuel tank capacity: 25.99 gal.
* Wireless audio streaming
* AM/FM stereo radio
* Seek scan
* SYNC 4 external memory control
* Vehicle body length: 231.7"
* Axle capacity rear: 3,800 lbs.
* Axle capacity front: 4,050 lbs.
* Off-road ride suspension
* Power door mirrors
* Daytime running lights
* Variable intermittent front windshield wipers

As Configured Vehicle

	MSRP
STANDARD VEHICLE PRICE	$52,350.00
Equipment Group 150A	N/C
Engine: 3.5L V6 EcoBoost	Included
Transmission: Electronic 10-Speed Automatic	Included
Electronic Locking w/3.31 Axle Ratio	Included
GVWR: 7,075 lbs Payload Package	Included
Tires: LT265/70R18 BSW A/T	Included
HD Police-Grade Cloth 40/Blank/40 Front-Seats	Included
145" Wheelbase	STD
Monotone Paint Application	STD
Radio: AM/FM Stereo w/6 Speakers	Included
SYNC 4	Included
Agate Black Metallic	N/C
Black w/HD Police-Grade Cloth 40/Blank/40 Front-Seats	N/C
Wheels: 18" Aluminum	$485.00
Front License Plate Bracket	N/C
Power-Sliding Rear-Window	$460.00
Rear Window Fixed Privacy Glass w/Defroster	$100.00
Daytime Running Lamps (DRL)	$45.00

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Prepared for:
Village of Buffalo Grove Units #712
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 F-150 Police Responder 4x4 5.5' box 145" WB XL (W1P)

Price Level: 615 | Quote ID: 2026-BG4

Major Equipment

* Manual climate control
* Driver front impact airbag
* Passenger front impact airbag
* Airbag occupancy sensor
* AdvanceTrac w/Roll Stability Control electronic stability control system with anti-rollover
* Fixed rear seats
* Front facing rear seat
* Height adjustable rear seat head restraints
* 3 rear seat head restraints
* 40-40 bucket front seat
* Front passenger seat with 4-way directional controls
* Manual front seat head restraint control
* Power height adjustable driver seat
* Power driver seat cushion tilt
* Manual passenger seat fore/aft control
* Cloth front seatback upholstery
* 4-wheel disc brakes
* Electronic parking brake
* Hill Descent Control
* Rear under seat climate control ducts
* Seat mounted side impact driver airbag
* Seat mounted side impact front passenger airbag
* 6 airbags
* Manual rear child safety door locks
* 60-40 folding rear seats
* Fold-up rear seat cushion
* Manual rear seat head restraint control
* Split-bench rear seat
* Driver seat with 8-way directional controls
* Height adjustable front seat head restraints
* Power reclining driver seat
* Power driver seat fore/aft control
* Manual reclining passenger seat
* Cloth front seat upholstery
* Driver seat with 2-way power lumbar
* 4-wheel antilock (ABS) brakes
* Brake assist system
* Hill start assist

As Configured Vehicle

	MSRP
Black Platform Running Boards	$255.00
Keyed Alike - 0576x	$50.00
Integrated Trailer Brake Controller	$280.00
Driver Only LED Bulb Spot Lamp (Unity)	$405.00
Rear-Door Controls Inoperable	$220.00
SUBTOTAL	$54,650.00
Destination Charge	$2,595.00
TOTAL	**$57,245.00**

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2026 F-150 Police Responder 4x4 5.5' box 145" WB XL (W1P)

Price Level: 615 | Quote ID: 2026-BG4

Fuel Economy

City		Hwy
17 mpg		23 mpg

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Prepared for:
Village of Buffalo Grove Units #712
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 F-150 Police Responder 4x4 5.5' box 145" WB XL (W1P)

Price Level: 615 | Quote ID: 2026-BG4

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
W1P	Base Vehicle Price (W1P)	$52,350.00
Packages		
150A	Equipment Group 150A *Includes:* *- Engine: 3.5L V6 EcoBoost* *120-MPH top speed.* *- Transmission: Electronic 10-Speed Automatic* *Includes selectable drive modes: normal/tow-haul/snow-wet/EcoSelect/sport and SelectShift automatic with progressive range select.* *- Electronic Locking w/3.31 Axle Ratio* *- GVWR: 7,075 lbs Payload Package* *- Tires: LT265/70R18 BSW A/T* *- HD Police-Grade Cloth 40/Blank/40 Front-Seats* *Includes reduced bolsters, 8-way power driver/manual passenger, built-in steel intrusion plates in both front-seatbacks, center-section deleted (restraint control module cover provided) and vinyl rear bench.* *- Radio: AM/FM Stereo w/6 Speakers* *- SYNC 4* *Includes 12" LCD capacitive touchscreen with swipe capability, AppLink with App catalog, 911 Assist, Apple CarPlay and Android Auto compatibility, digital owners manual and conversational voice command recognition.*	N/C
Powertrain		
998	Engine: 3.5L V6 EcoBoost *120-MPH top speed.*	Included
44G	Transmission: Electronic 10-Speed Automatic *Includes selectable drive modes: normal/tow-haul/snow-wet/EcoSelect/sport and SelectShift automatic with progressive range select.*	Included
XL3	Electronic Locking w/3.31 Axle Ratio	Included
STDGV	GVWR: 7,075 lbs Payload Package	Included
Wheels & Tires		
STDTR	Tires: LT265/70R18 BSW A/T	Included
64H	Wheels: 18" Aluminum *Spare tire will be mounted on a steel rim.*	$485.00
Seats & Seat Trim		
P	HD Police-Grade Cloth 40/Blank/40 Front-Seats	Included

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

2026 F-150 Police Responder 4x4 5.5' box 145" WB XL (W1P)

Price Level: 615 | Quote ID: 2026-BG4

As Configured Vehicle (cont'd)

Code	Description	MSRP
	Includes reduced bolsters, 8-way power driver/manual passenger, built-in steel intrusion plates in both front-seatbacks, center-section deleted (restraint control module cover provided) and vinyl rear bench.	

Other Options

145WB	145" Wheelbase	STD
PAINT	Monotone Paint Application	STD
STDRD	Radio: AM/FM Stereo w/6 Speakers *Includes:* *- SYNC 4* *Includes 12" LCD capacitive touchscreen with swipe capability, AppLink with App catalog, 911 Assist, Apple CarPlay and Android Auto compatibility, digital owners manual and conversational voice command recognition.*	Included
942	Daytime Running Lamps (DRL) The non-controllable 942 Daytime Running Lamps (DRL) replace the standard Daytime Running Lamps (DRL) (on/off cluster controllable).	$45.00
18B	Black Platform Running Boards	$255.00
435	Power-Sliding Rear-Window	$460.00
153	Front License Plate Bracket *Standard in states where required by law, optional to all others.*	N/C
67T	Integrated Trailer Brake Controller	$280.00
17R	Rear-Door Controls Inoperable *For locks, handles and windows. Note: Can manually remove window or door disable plate with special tool. Locks/windows operable from driver's door switches.*	$220.00
924	Rear Window Fixed Privacy Glass w/Defroster	$100.00
62F	Keyed Alike - 0576x *Note: These are inner-milled keys, unique to F-150 Police Responder and not compatible with Police Interceptor Utility.*	$50.00
59E	Driver Only LED Bulb Spot Lamp (Unity)	$405.00

Exterior Color

UM_03	Agate Black Metallic	N/C

Interior Color

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Prepared for:
Village of Buffalo Grove Units #712
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 F-150 Police Responder 4x4 5.5' box 145" WB XL (W1P)

Price Level: 615 | Quote ID: 2026-BG4

As Configured Vehicle (cont'd)

Code	Description	MSRP
PB_02	Black w/HD Police-Grade Cloth 40/Blank/40 Front-Seats	N/C

Upfit Options

01	License and Title (MP-Plates)	$203.00
02	5 Year / 100,000 Miles Premium Care	$2,870.00

SUBTOTAL	$57,723.00
Destination Charge	$2,595.00
TOTAL	$60,318.00

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Prepared for:
Village of Buffalo Grove Units #712
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 F-150 Police Responder 4x4 5.5' box 145" WB XL (W1P)

Price Level: 615 | Quote ID: 2026-BG4

Pricing Summary - Single Vehicle

	MSRP
Vehicle Pricing	
Base Vehicle Price	$52,350.00
Options	$2,300.00
Colors	$0.00
Upfitting	$3,073.00
Fleet Discount	$0.00
Fuel Charge	$0.00
Destination Charge	$2,595.00
Subtotal	$60,318.00
Discount Adjustments	
Discount Adjustments	-$8,784.00
Total	$51,534.00

Customer Signature

Acceptance Date

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Prepared for: , Village of Buffalo Grove Units #725

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615

Client Proposal

Prepared by:
Nic Cortellini
Office: 815-464-9200
Email: ncortellini@curriemotors.com
Quote ID: 2026-BG1
Date: 12/08/2025

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG1

Warranty

Standard Warranty

Basic Warranty

Basic warranty ..... 36 months/36,000 miles

Powertrain Warranty

Powertrain warranty ..... 60 months/100,000 miles

Corrosion Perforation

Corrosion perforation warranty ..... 60 months/unlimited

Roadside Assistance Warranty

Roadside warranty ..... 60 months/60,000 miles

Hybrid/Electric Components Warranty

Hybrid/electric components warranty ..... 96 months/100,000 miles

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Prepared for:
Village of Buffalo Grove Units #725
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG1

Major Equipment

(Based on selected options, shown at right)
10-speed automatic

Exterior: Oxford White
Interior: Charcoal Black w/Unique HD Cloth Front Bucket Seats w/Vinyl Rear

* 18 x 8-inch front and rear black steel wheels
* P255/60RW18 AS BSW front and rear tires
* Lock-up transmission
* Alternator Amps: 220A
* All-speed ABS and driveline traction control
* HD lead acid battery
* Steering wheel mounted audio controls
* 8 inch primary display
* AM/FM
* Auxiliary input jack
* Vehicle body length: 198.8"
* Standard ride suspension
* Rear window defroster
* Manual folding door mirrors
* Deep tinted windows
* Speed sensitive wipers
* Dual-zone front climate control
* Driver front impact airbag
* Passenger front impact airbag
* Class III tow rating
* Overdrive transmission
* Transmission electronic control
* Stainless steel dual exhaust
* Battery rating: 850CCA
* Fuel tank capacity: 18.99 gal.
* Bluetooth wireless audio streaming
* AM/FM stereo radio
* Seek scan
* External memory control
* Wheelbase: 119.1"
* Trip computer
* Power door mirrors
* LED brake lights
* Variable intermittent front windshield wipers
* Automatic climate control
* Rear under seat climate control ducts
* Seat mounted side impact driver airbag
* Seat mounted side impact front passenger airbag

As Configured Vehicle

	MSRP
STANDARD VEHICLE PRICE	$48,550.00
Order Code 500A	N/C
Engine: 3.3L V6 Direct-Injection Hybrid System	Included
Transmission: 10-Speed Automatic	Included
3.73 Axle Ratio	Included
Tires: 255/60R18 AS BSW	Included
Wheels: 18" x 8" 5-Spoke Painted Black Steel	Included
Unique HD Cloth Front Bucket Seats w/Vinyl Rear	Included
Monotone Paint Application	STD
119" Wheelbase	STD
Radio: AM/FM/MP3 Capable	Included
50-State Emissions System	STD
SYNC Phoenix Communication & Entertainment System	Included
Oxford White	N/C
Charcoal Black w/Unique HD Cloth Front Bucket Seats w/Vinyl Rear	N/C
Underbody Deflector Plate	$340.00
Ultimate Wiring Package	$640.00
Rear Console Plate	Included

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Prepared for:
Village of Buffalo Grove Units #725
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG1

Major Equipment

* Airbag occupancy sensor
* 7 airbags
* Electronic stability control system with anti-rollover
* Manual rear child safety door locks
* Fixed rear seats
* 35-30-35 folding rear seats
* Front facing rear seat
* Fold forward rear seatback
* Height adjustable rear seat head restraints
* Manual rear seat head restraint control
* 3 rear seat head restraints
* Split-bench rear seat
* Bucket front seats
* Driver seat with 8-way directional controls
* Front passenger seat with 8-way directional controls
* Height adjustable front seat head restraints
* Manual front seat head restraint control
* Manual reclining driver seat
* Power height adjustable driver seat
* Power driver seat fore/aft control
* Power driver seat cushion tilt
* Power reclining passenger seat
* Power height adjustable control passenger seat
* Power passenger seat fore/aft control
* Cloth front seat upholstery
* Vinyl front seatback upholstery
* Driver seat with 2-way power lumbar
* Front passenger seat with 2-way power lumbar
* 4-wheel disc brakes
* 4-wheel antilock (ABS) brakes
* Brake assist system
* Hill start assist

As Configured Vehicle

	MSRP
Grille LED Lights, Siren & Speaker Pre-Wiring	Included
Front & Rear Police Wire Harness Connector Kit	$200.00
Global Lock/Unlock Feature	N/C
Rear-Door Controls Inoperable	$80.00
Rear Auxiliary Liftgate Lights	$400.00
Driver Only LED Bulb Spot Lamp (Unity)	$400.00
8" Rear Camera Image	N/C
Keyed Alike - 0576x	$50.00
SUBTOTAL	$50,660.00
Destination Charge	$1,695.00
TOTAL	**$52,355.00**

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2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG1

Fuel Economy

City
N/A

Hwy
N/A

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Prepared for:
Village of Buffalo Grove Units #725
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG1

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
K8A	Base Vehicle Price (K8A)	$48,550.00
Packages		
500A	Order Code 500A *Includes:* *- Engine: 3.3L V6 Direct-Injection Hybrid System* *136-MPH top speed.* *- Transmission: 10-Speed Automatic* *- 3.73 Axle Ratio* *- Tires: 255/60R18 AS BSW* *- Wheels: 18" x 8" 5-Spoke Painted Black Steel* *Includes polished stainless steel hub cover and center caps.* *- Unique HD Cloth Front Bucket Seats w/Vinyl Rear* *Includes reduced bolsters, driver 6-way power track (fore/aft, up/down, tilt with manual recline, 2-way power lumbar), passenger 8-way power track with 2-way power recline and 2-way power lumbar and built-in steel intrusion plates in both driver/passenger seatbacks.* *- Radio: AM/FM/MP3 Capable* *Includes 100 watt siren/speaker prep kit, clock, 4 speakers, 1 USB port, 8" color LCD screen center-stack smart display, supports Android Auto and Apple CarPlay and fleet telematics modem. Allows data to be provided to support Ford Pro telematics and data services via optional subscription, including but not limited to vehicle location, speed, idle time, fuel, vehicle diagnostics and maintenance alerts. Device enables optional telematics services through Ford or authorized providers via paid subscription. Subscribe at https://fordpro.com/en-us/telematics/ or call 1-833-811-FORD (3673).* *- SYNC Phoenix Communication & Entertainment System* *Includes hands-free voice command support compatible with most Bluetooth connected mobile devices, 911 Assist, VHR, SYNC Services, AppLink, Bluetooth, steering wheel controls, USB port and auxiliary input jack.*	N/C
Powertrain		
99W	Engine: 3.3L V6 Direct-Injection Hybrid System *136-MPH top speed.*	Included
44B	Transmission: 10-Speed Automatic	Included
STDAX	3.73 Axle Ratio	Included
Wheels & Tires		
STDTR	Tires: 255/60R18 AS BSW	Included
STDWL	Wheels: 18" x 8" 5-Spoke Painted Black Steel *Includes polished stainless steel hub cover and center caps.*	Included
Seats & Seat Trim		

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2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG1

As Configured Vehicle (cont'd)

Code	Description	MSRP
9	Unique HD Cloth Front Bucket Seats w/Vinyl Rear *Includes reduced bolsters, driver 6-way power track (fore/aft, up/down, tilt with manual recline, 2-way power lumbar), passenger 8-way power track with 2-way power recline and 2-way power lumbar and built-in steel intrusion plates in both driver/passenger seatbacks.*	Included

Other Options

PAINT	Monotone Paint Application	STD
119WB	119" Wheelbase	STD
STDRD	Radio: AM/FM/MP3 Capable *Includes 100 watt siren/speaker prep kit, clock, 4 speakers, 1 USB port, 8" color LCD screen center-stack smart display, supports Android Auto and Apple CarPlay and fleet telematics modem. Allows data to be provided to support Ford Pro telematics and data services via optional subscription, including but not limited to vehicle location, speed, idle time, fuel, vehicle diagnostics and maintenance alerts. Device enables optional telematics services through Ford or authorized providers via paid subscription. Subscribe at https://fordpro.com/en-us/telematics/ or call 1-833-811-FORD (3673).* *Includes:* *- SYNC Phoenix Communication & Entertainment System* *Includes hands-free voice command support compatible with most Bluetooth connected mobile devices, 911 Assist, VHR, SYNC Services, AppLink, Bluetooth, steering wheel controls, USB port and auxiliary input jack.*	Included
67U	Ultimate Wiring Package Recommend police wire harness connector kit (67V). *Includes wiring harness instrument panel to rear cargo area (overlay), (2) light cables - supports up to (6) LED lights (engine compartment/grille), (1) 10-amp siren/speaker circuit engine compartment and rear hatch/cargo area wiring - supports up to (6) rear LED lights. Does not include LED lights, side connectors or controller.* *Includes:* *- Rear Console Plate* *Contours through 2nd row; channel for wiring.* *- Grille LED Lights, Siren & Speaker Pre-Wiring*	$640.00
67V	Front & Rear Police Wire Harness Connector Kit *For connectivity to Ford PI Package solutions includes front (2) male 4-pin connectors for siren, (5) female 4-pin connectors for lighting/siren/speaker, (1) 4-pin IP connector for speakers, (1) 4-pin IP connector for siren controller connectivity, (1) 8-pin sealed connector, (1) 14-pin IP connector, rear (2) male 4-pin connectors for siren, (5) female 4-pin connectors for lighting/siren/speaker, (1) 4-pin IP connector for speakers, (1) 4-pin IP connector for siren controller connectivity, (1) 8-pin sealed connector and (1) 14-pin IP connector.*	$200.00
43A	Rear Auxiliary Liftgate Lights Recommend using ready for the road package (67H) or ultimate wiring package (67U). *Includes red/blue LED lights; located beneath liftgate glass in applique panel. LED lights only. Wiring and controller not included.*	$400.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG1

As Configured Vehicle (cont'd)

Code	Description	MSRP
51R	Driver Only LED Bulb Spot Lamp (Unity)	$400.00
76D	Underbody Deflector Plate *Engine and transmission shield.*	$340.00
87M	8" Rear Camera Image *In upper lefthand quadrant of display. 1/4 size picture in picture.*	N/C
68G	Rear-Door Controls Inoperable *Locks, handles and windows. Can manually remove window or door disable plate with special tool. Locks/windows operable from driver's door switches.*	$80.00
18D	Global Lock/Unlock Feature *Door-panel switches will lock/unlock all doors and rear liftgate. Eliminates the 45-second liftgate lock release + paitro timer. Overhead liftgate button and blue liftgate release button on key fob will not have any function when pressed with this option.*	N/C
59F	Keyed Alike - 0576x	$50.00
85R	Rear Console Plate *Contours through 2nd row; channel for wiring.*	Included
Emissions		
425	50-State Emissions System	STD
Exterior Color		
YZ_01	Oxford White	N/C
Interior Color		
9W_01	Charcoal Black w/Unique HD Cloth Front Bucket Seats w/Vinyl Rear	N/C
Upfit Options		
01	License and Title (MP-Plates)	$203.00

SUBTOTAL	$50,863.00
Destination Charge	$1,695.00
TOTAL	$52,558.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove Units #725
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG1

Pricing Summary - Single Vehicle

	MSRP
Vehicle Pricing	
Base Vehicle Price	$48,550.00
Options	$2,110.00
Colors	$0.00
Upfitting	$203.00
Fleet Discount	$0.00
Fuel Charge	$0.00
Destination Charge	$1,695.00
Subtotal	$52,558.00
Discount Adjustments	
Discount Adjustments	-$3,207.00
Total	$49,351.00

Customer Signature

Acceptance Date

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for: , Village of Buffalo Grove Units #730

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615

Client Proposal

Prepared by:
Nic Cortellini
Office: 815-464-9200
Email: ncortellini@curriemotors.com
Quote ID: 2026-BG2
Date: 12/08/2025

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG2

Warranty

Standard Warranty

Basic Warranty

Basic warranty	36 months/36,000 miles

Powertrain Warranty

Powertrain warranty	60 months/100,000 miles

Corrosion Perforation

Corrosion perforation warranty	60 months/unlimited

Roadside Assistance Warranty

Roadside warranty	60 months/60,000 miles

Hybrid/Electric Components Warranty

Hybrid/electric components warranty	96 months/100,000 miles

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove Units #730
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG2

Major Equipment

(Based on selected options, shown at right)
10-speed automatic

Exterior: Agate Black
Interior: Charcoal Black w/Unique HD Cloth Front Bucket Seats w/Vinyl Rear

* 18 x 8-inch front and rear black steel wheels
* P255/60RW18 AS BSW front and rear tires
* Lock-up transmission
* Alternator Amps: 220A
* All-speed ABS and driveline traction control
* HD lead acid battery
* Steering wheel mounted audio controls
* 8 inch primary display
* AM/FM
* Auxiliary input jack
* Vehicle body length: 198.8"
* Standard ride suspension
* Rear window defroster
* Manual folding door mirrors
* Deep tinted windows
* Speed sensitive wipers
* Dual-zone front climate control
* Driver front impact airbag
* Passenger front impact airbag
* Class III tow rating
* Overdrive transmission
* Transmission electronic control
* Stainless steel dual exhaust
* Battery rating: 850CCA
* Fuel tank capacity: 18.99 gal.
* Bluetooth wireless audio streaming
* AM/FM stereo radio
* Seek scan
* External memory control
* Wheelbase: 119.1"
* Trip computer
* Power door mirrors
* LED brake lights
* Variable intermittent front windshield wipers
* Automatic climate control
* Rear under seat climate control ducts
* Seat mounted side impact driver airbag
* Seat mounted side impact front passenger airbag

As Configured Vehicle

	MSRP
STANDARD VEHICLE PRICE	$48,550.00
Order Code 500A	N/C
Engine: 3.3L V6 Direct-Injection Hybrid System	Included
Transmission: 10-Speed Automatic	Included
3.73 Axle Ratio	Included
Tires: 255/60R18 AS BSW	Included
Wheels: 18" x 8" 5-Spoke Painted Black Steel	Included
Unique HD Cloth Front Bucket Seats w/Vinyl Rear	Included
Monotone Paint Application	STD
119" Wheelbase	STD
Radio: AM/FM/MP3 Capable	Included
50-State Emissions System	STD
SYNC Phoenix Communication & Entertainment System	Included
Agate Black	N/C
Charcoal Black w/Unique HD Cloth Front Bucket Seats w/Vinyl Rear	N/C
Underbody Deflector Plate	$340.00
Ultimate Wiring Package	$640.00
Rear Console Plate	Included

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove Units #730
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG2

Major Equipment

* Airbag occupancy sensor
* 7 airbags
* Electronic stability control system with anti-rollover
* Manual rear child safety door locks
* Fixed rear seats
* 35-30-35 folding rear seats
* Front facing rear seat
* Fold forward rear seatback
* Height adjustable rear seat head restraints
* Manual rear seat head restraint control
* 3 rear seat head restraints
* Split-bench rear seat
* Bucket front seats
* Driver seat with 8-way directional controls
* Front passenger seat with 8-way directional controls
* Height adjustable front seat head restraints
* Manual front seat head restraint control
* Manual reclining driver seat
* Power height adjustable driver seat
* Power driver seat fore/aft control
* Power driver seat cushion tilt
* Power reclining passenger seat
* Power height adjustable control passenger seat
* Power passenger seat fore/aft control
* Cloth front seat upholstery
* Vinyl front seatback upholstery
* Driver seat with 2-way power lumbar
* Front passenger seat with 2-way power lumbar
* 4-wheel disc brakes
* 4-wheel antilock (ABS) brakes
* Brake assist system
* Hill start assist

As Configured Vehicle

	MSRP
Grille LED Lights, Siren & Speaker Pre-Wiring	Included
Front & Rear Police Wire Harness Connector Kit	$200.00
Global Lock/Unlock Feature	N/C
Front License Plate Bracket	N/C
Rear-Door Controls Inoperable	$80.00
Rear Auxiliary Liftgate Lights	$400.00
Driver Only LED Bulb Spot Lamp (Unity)	$400.00
8" Rear Camera Image	N/C
Keyed Alike - 0576x	$50.00
SUBTOTAL	$50,660.00
Destination Charge	$1,695.00
TOTAL	**$52,355.00**

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG2

Fuel Economy

City
N/A

Hwy
N/A

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove Units #730
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG2

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
K8A	Base Vehicle Price (K8A)	$48,550.00
Packages		
500A	Order Code 500A *Includes:* *- Engine: 3.3L V6 Direct-Injection Hybrid System* *136-MPH top speed.* *- Transmission: 10-Speed Automatic* *- 3.73 Axle Ratio* *- Tires: 255/60R18 AS BSW* *- Wheels: 18" x 8" 5-Spoke Painted Black Steel* *Includes polished stainless steel hub cover and center caps.* *- Unique HD Cloth Front Bucket Seats w/Vinyl Rear* *Includes reduced bolsters, driver 6-way power track (fore/aft, up/down, tilt with manual recline, 2-way power lumbar), passenger 8-way power track with 2-way power recline and 2-way power lumbar and built-in steel intrusion plates in both driver/passenger seatbacks.* *- Radio: AM/FM/MP3 Capable* *Includes 100 watt siren/speaker prep kit, clock, 4 speakers, 1 USB port, 8" color LCD screen center-stack smart display, supports Android Auto and Apple CarPlay and fleet telematics modem. Allows data to be provided to support Ford Pro telematics and data services via optional subscription, including but not limited to vehicle location, speed, idle time, fuel, vehicle diagnostics and maintenance alerts. Device enables optional telematics services through Ford or authorized providers via paid subscription. Subscribe at https://fordpro.com/en-us/telematics/ or call 1-833-811-FORD (3673).* *- SYNC Phoenix Communication & Entertainment System* *Includes hands-free voice command support compatible with most Bluetooth connected mobile devices, 911 Assist, VHR, SYNC Services, AppLink, Bluetooth, steering wheel controls, USB port and auxiliary input jack.*	N/C
Powertrain		
99W	Engine: 3.3L V6 Direct-Injection Hybrid System *136-MPH top speed.*	Included
44B	Transmission: 10-Speed Automatic	Included
STDAX	3.73 Axle Ratio	Included
Wheels & Tires		
STDTR	Tires: 255/60R18 AS BSW	Included
STDWL	Wheels: 18" x 8" 5-Spoke Painted Black Steel *Includes polished stainless steel hub cover and center caps.*	Included
Seats & Seat Trim		

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG2

As Configured Vehicle (cont'd)

Code	Description	MSRP
9	Unique HD Cloth Front Bucket Seats w/Vinyl Rear *Includes reduced bolsters, driver 6-way power track (fore/aft, up/down, tilt with manual recline, 2-way power lumbar), passenger 8-way power track with 2-way power recline and 2-way power lumbar and built-in steel intrusion plates in both driver/passenger seatbacks.*	Included

Other Options

PAINT	Monotone Paint Application	STD
119WB	119" Wheelbase	STD
STDRD	Radio: AM/FM/MP3 Capable *Includes 100 watt siren/speaker prep kit, clock, 4 speakers, 1 USB port, 8" color LCD screen center-stack smart display, supports Android Auto and Apple CarPlay and fleet telematics modem. Allows data to be provided to support Ford Pro telematics and data services via optional subscription, including but not limited to vehicle location, speed, idle time, fuel, vehicle diagnostics and maintenance alerts. Device enables optional telematics services through Ford or authorized providers via paid subscription. Subscribe at https://fordpro.com/en-us/telematics/ or call 1-833-811-FORD (3673).* *Includes:* *- SYNC Phoenix Communication & Entertainment System* *Includes hands-free voice command support compatible with most Bluetooth connected mobile devices, 911 Assist, VHR, SYNC Services, AppLink, Bluetooth, steering wheel controls, USB port and auxiliary input jack.*	Included
67U	Ultimate Wiring Package Recommend police wire harness connector kit (67V). *Includes wiring harness instrument panel to rear cargo area (overlay), (2) light cables - supports up to (6) LED lights (engine compartment/grille), (1) 10-amp siren/speaker circuit engine compartment and rear hatch/cargo area wiring - supports up to (6) rear LED lights. Does not include LED lights, side connectors or controller.* *Includes:* *- Rear Console Plate* *Contours through 2nd row; channel for wiring.* *- Grille LED Lights, Siren & Speaker Pre-Wiring*	$640.00
67V	Front & Rear Police Wire Harness Connector Kit *For connectivity to Ford PI Package solutions includes front (2) male 4-pin connectors for siren, (5) female 4-pin connectors for lighting/siren/speaker, (1) 4-pin IP connector for speakers, (1) 4-pin IP connector for siren controller connectivity, (1) 8-pin sealed connector, (1) 14-pin IP connector, rear (2) male 4-pin connectors for siren, (5) female 4-pin connectors for lighting/siren/speaker, (1) 4-pin IP connector for speakers, (1) 4-pin IP connector for siren controller connectivity, (1) 8-pin sealed connector and (1) 14-pin IP connector.*	$200.00
153	Front License Plate Bracket	N/C
43A	Rear Auxiliary Liftgate Lights Recommend using ready for the road package (67H) or ultimate wiring package (67U). *Includes red/blue LED lights; located beneath liftgate glass in applique panel. LED lights only. Wiring and controller not included.*	$400.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG2

As Configured Vehicle (cont'd)

Code	Description	MSRP
51R	Driver Only LED Bulb Spot Lamp (Unity)	$400.00
76D	Underbody Deflector Plate *Engine and transmission shield.*	$340.00
87M	8" Rear Camera Image *In upper lefthand quadrant of display. 1/4 size picture in picture.*	N/C
68G	Rear-Door Controls Inoperable *Locks, handles and windows. Can manually remove window or door disable plate with special tool. Locks/windows operable from driver's door switches.*	$80.00
18D	Global Lock/Unlock Feature *Door-panel switches will lock/unlock all doors and rear liftgate. Eliminates the 45-second liftgate lock release + paitro timer. Overhead liftgate button and blue liftgate release button on key fob will not have any function when pressed with this option.*	N/C
59F	Keyed Alike - 0576x	$50.00
85R	Rear Console Plate *Contours through 2nd row; channel for wiring.*	Included
Emissions		
425	50-State Emissions System	STD
Exterior Color		
UM_01	Agate Black	N/C
Interior Color		
9W_01	Charcoal Black w/Unique HD Cloth Front Bucket Seats w/Vinyl Rear	N/C
Upfit Options		
01	License and Title (MP-Plates)	$203.00

SUBTOTAL	$50,863.00
Destination Charge	$1,695.00
TOTAL	$52,558.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove Units #730
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG2

Pricing Summary - Single Vehicle

	MSRP
Vehicle Pricing	
Base Vehicle Price	$48,550.00
Options	$2,110.00
Colors	$0.00
Upfitting	$203.00
Fleet Discount	$0.00
Fuel Charge	$0.00
Destination Charge	$1,695.00
Subtotal	$52,558.00
Discount Adjustments	
Discount Adjustments	-$3,207.00
Total	$49,351.00

Customer Signature

Acceptance Date

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for: , Village of Buffalo Grove Units #732

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615

Client Proposal

Prepared by:
Nic Cortellini
Office: 815-464-9200
Email: ncortellini@curriemotors.com
Quote ID: 2026-BG3
Date: 12/08/2025

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG3

Warranty

Standard Warranty

Basic Warranty

Basic warranty	36 months/36,000 miles

Powertrain Warranty

Powertrain warranty	60 months/100,000 miles

Corrosion Perforation

Corrosion perforation warranty	60 months/unlimited

Roadside Assistance Warranty

Roadside warranty	60 months/60,000 miles

Hybrid/Electric Components Warranty

Hybrid/electric components warranty	96 months/100,000 miles

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove Units #732
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG3

Major Equipment

(Based on selected options, shown at right)

10-speed automatic

Exterior: Royal Blue

* 18 x 8-inch front and rear silver aluminum wheels
* P255/60RW18 AS BSW front and rear tires
* Lock-up transmission
* Alternator Amps: 220A
* All-speed ABS and driveline traction control
* HD lead acid battery
* Steering wheel mounted audio controls
* 8 inch primary display
* AM/FM
* Auxiliary input jack
* Vehicle body length: 198.8"
* Standard ride suspension
* Rear window defroster
* Manual folding door mirrors
* Deep tinted windows
* Speed sensitive wipers
* Dual-zone front climate control
* Driver front impact airbag
* Passenger front impact airbag
* Airbag occupancy sensor
* Class III tow rating
* Overdrive transmission
* Transmission electronic control
* Stainless steel dual exhaust
* Battery rating: 850CCA
* Fuel tank capacity: 18.99 gal.
* Bluetooth wireless audio streaming
* AM/FM stereo radio
* Seek scan
* External memory control
* Wheelbase: 119.1"
* Trip computer
* Power door mirrors
* LED brake lights
* Variable intermittent front windshield wipers
* Automatic climate control
* Rear under seat climate control ducts
* Seat mounted side impact driver airbag
* Seat mounted side impact front passenger airbag
* 7 airbags

As Configured Vehicle

	MSRP
STANDARD VEHICLE PRICE	$48,550.00
Order Code 500A	N/C
Engine: 3.3L V6 Direct-Injection Hybrid System	Included
Transmission: 10-Speed Automatic	Included
3.73 Axle Ratio	Included
Tires: 255/60R18 AS BSW	Included
Monotone Paint Application	STD
119" Wheelbase	STD
Radio: AM/FM/MP3 Capable	Included
50-State Emissions System	STD
SYNC Phoenix Communication & Entertainment System	Included
Royal Blue	N/C
Front License Plate Bracket	N/C
Underbody Deflector Plate	$340.00
Police Upgrade Package	$610.00
Front Console Plate Delete	Included
Grille LED Lights, Siren & Speaker Pre-Wiring	Included
Front & Rear Police Wire Harness Connector Kit	$200.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove Units #732
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG3

Major Equipment

* Electronic stability control system with anti-rollover
* Fixed rear seats
* Front facing rear seat
* Height adjustable rear seat head restraints
* 3 rear seat head restraints
* Bucket front seats
* Front passenger seat with 4-way directional controls
* Manual front seat head restraint control
* Manual reclining driver seat
* Power driver seat fore/aft control
* Manual reclining passenger seat
* Cloth front seat upholstery
* Driver seat with 2-way power lumbar
* 4-wheel antilock (ABS) brakes
* Hill start assist
* Manual rear child safety door locks
* 35-30-35 folding rear seats
* Fold forward rear seatback
* Manual rear seat head restraint control
* Split-bench rear seat
* Driver seat with 8-way directional controls
* Height adjustable front seat head restraints
* Front seat center armrest
* Power height adjustable driver seat
* Power driver seat cushion tilt
* Manual passenger seat fore/aft control
* Vinyl front seatback upholstery
* 4-wheel disc brakes
* Brake assist system

As Configured Vehicle

	MSRP
Global Lock/Unlock Feature	N/C
Keyed Alike - 0576x	$50.00
1st & 2nd Row Carpet Floor Covering	Included
Front Headlamp Lighting Solution	Included
Wheels: 18" Painted Aluminum	Included
Unique HD Cloth Front Bucket Seats w/Cloth Rear	Included
Center Floor Console Less Shifter	Included
8" Rear Camera Image	N/C
SUBTOTAL	$49,750.00
Destination Charge	$1,695.00
TOTAL	**$51,445.00**

Fuel Economy

City
N/A

Hwy
N/A

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove Units #732
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG3

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
K8A	Base Vehicle Price (K8A)	$48,550.00
Packages		
500A	Order Code 500A *Includes:* *- Engine: 3.3L V6 Direct-Injection Hybrid System 136-MPH top speed.* *- Transmission: 10-Speed Automatic* *- 3.73 Axle Ratio* *- Tires: 255/60R18 AS BSW* *- Radio: AM/FM/MP3 Capable Includes 100 watt siren/speaker prep kit, clock, 4 speakers, 1 USB port, 8" color LCD screen center-stack smart display, supports Android Auto and Apple CarPlay and fleet telematics modem. Allows data to be provided to support Ford Pro telematics and data services via optional subscription, including but not limited to vehicle location, speed, idle time, fuel, vehicle diagnostics and maintenance alerts. Device enables optional telematics services through Ford or authorized providers via paid subscription. Subscribe at https://fordpro.com/en-us/telematics/ or call 1-833-811-FORD (3673).* *- SYNC Phoenix Communication & Entertainment System Includes hands-free voice command support compatible with most Bluetooth connected mobile devices, 911 Assist, VHR, SYNC Services, AppLink, Bluetooth, steering wheel controls, USB port and auxiliary input jack.*	N/C
Powertrain		
99W	Engine: 3.3L V6 Direct-Injection Hybrid System *136-MPH top speed.*	Included
44B	Transmission: 10-Speed Automatic	Included
STDAX	3.73 Axle Ratio	Included
Wheels & Tires		
STDTR	Tires: 255/60R18 AS BSW	Included
64E	Wheels: 18" Painted Aluminum *Includes 18" conventional (Police) black steel spare wheel.*	Included
Seats & Seat Trim		
F	Unique HD Cloth Front Bucket Seats w/Cloth Rear *Includes driver 6-way power track (fore/aft. up/down, tilt with manual recline, 2-way manual lumbar), 8-way power track passenger seat with 2-way power recline and 2-way power lumbar.*	Included
Other Options		

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG3

As Configured Vehicle (cont'd)

Code	Description	MSRP
PAINT	Monotone Paint Application	STD
119WB	119" Wheelbase	STD
STDRD	Radio: AM/FM/MP3 Capable *Includes 100 watt siren/speaker prep kit, clock, 4 speakers, 1 USB port, 8" color LCD screen center-stack smart display, supports Android Auto and Apple CarPlay and fleet telematics modem. Allows data to be provided to support Ford Pro telematics and data services via optional subscription, including but not limited to vehicle location, speed, idle time, fuel, vehicle diagnostics and maintenance alerts. Device enables optional telematics services through Ford or authorized providers via paid subscription. Subscribe at https://fordpro.com/en-us/telematics/ or call 1-833-811-FORD (3673).* *Includes:* *- SYNC Phoenix Communication & Entertainment System* *Includes hands-free voice command support compatible with most Bluetooth connected mobile devices, 911 Assist, VHR, SYNC Services, AppLink, Bluetooth, steering wheel controls, USB port and auxiliary input jack.*	Included
65U	Police Upgrade Package *Includes selectable sport mode and high series headlamp with LED corner warning lights.* *Includes:* *- 1st & 2nd Row Carpet Floor Covering* *Includes front and rear carpeted floor mats.* *- Front Headlamp Lighting Solution* *Includes LED low beam/high beam headlamp, wig-wag function and (2) red/blue/white LED side warning lights in each headlamp (factory configured: driver's side white/red/passenger side white/blue). Wiring and LED lights included (in headlamps only; grille lights not included). Controller not included.* *- Grille LED Lights, Siren & Speaker Pre-Wiring* *- Wheels: 18" Painted Aluminum* *Includes 18" conventional (Police) black steel spare wheel.* *- Unique HD Cloth Front Bucket Seats w/Cloth Rear* *Includes driver 6-way power track (fore/aft. up/down, tilt with manual recline, 2-way manual lumbar), 8-way power track passenger seat with 2-way power recline and 2-way power lumbar.* *- Center Floor Console Less Shifter* *Includes console and top plate with 2 cup holders. (Maintains column shifter).* *- SYNC Phoenix Communication & Entertainment System* *Includes hands-free voice command support compatible with most Bluetooth connected mobile devices, 911 Assist, VHR, SYNC Services, AppLink, Bluetooth, steering wheel controls, USB port and auxiliary input jack.* *- Front Console Plate Delete*	$610.00
66A	Front Headlamp Lighting Solution Recommend using ultimate wiring package (67U). *Includes LED low beam/high beam headlamp, wig-wag function and (2) red/blue/white LED side warning lights in each headlamp (factory configured: driver's side white/red/passenger side white/blue). Wiring and LED lights included (in headlamps only; grille lights not included). Controller not included.* *Includes:* *- Grille LED Lights, Siren & Speaker Pre-Wiring*	Included
67V	Front & Rear Police Wire Harness Connector Kit	$200.00

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2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG3

As Configured Vehicle (cont'd)

Code	Description	MSRP
	For connectivity to Ford PI Package solutions includes front (2) male 4-pin connectors for siren, (5) female 4-pin connectors for lighting/siren/speaker, (1) 4-pin IP connector for speakers, (1) 4-pin IP connector for siren controller connectivity, (1) 8-pin sealed connector, (1) 14-pin IP connector, rear (2) male 4-pin connectors for siren, (5) female 4-pin connectors for lighting/siren/speaker, (1) 4-pin IP connector for speakers, (1) 4-pin IP connector for siren controller connectivity, (1) 8-pin sealed connector and (1) 14-pin IP connector.	
153	Front License Plate Bracket	N/C
76D	Underbody Deflector Plate *Engine and transmission shield.*	$340.00
87M	8" Rear Camera Image *In upper lefthand quadrant of display. 1/4 size picture in picture.*	N/C
18D	Global Lock/Unlock Feature *Door-panel switches will lock/unlock all doors and rear liftgate. Eliminates the 45-second liftgate lock release + paitro timer. Overhead liftgate button and blue liftgate release button on key fob will not have any function when pressed with this option.*	N/C
59F	Keyed Alike - 0576x	$50.00
16C	1st & 2nd Row Carpet Floor Covering *Includes front and rear carpeted floor mats.*	Included
85D	Front Console Plate Delete	Included
Emissions		
425	50-State Emissions System	STD
Exterior Color		
LM_01	Royal Blue	N/C
Upfit Options		
01	License and Title (MP-Plates)	$203.00

SUBTOTAL	$49,953.00
Destination Charge	$1,695.00
TOTAL	$51,648.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove Units #732
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Police Interceptor Utility AWD Base (K8A)

Price Level: 615 | Quote ID: 2026-BG3

Pricing Summary - Single Vehicle

	MSRP
Vehicle Pricing	
Base Vehicle Price	$48,550.00
Options	$1,200.00
Colors	$0.00
Upfitting	$203.00
Fleet Discount	$0.00
Fuel Charge	$0.00
Destination Charge	$1,695.00
Subtotal	$51,648.00
Discount Adjustments	
Discount Adjustments	-$2,702.00
Total	$48,946.00

Customer Signature

Acceptance Date

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for: , Village of Buffalo Grove

2026 Explorer 4dr 4x4 Active (K8D)

Price Level: 625

Client Proposal

Prepared by:
Nic Cortellini
Office: 815-464-9200
Email: ncortellini@curriemotors.com
Quote ID: 2026-BG6
Date: 12/08/2025

2026 Explorer 4dr 4x4 Active (K8D)

Price Level: 625 | Quote ID: 2026-BG6

Warranty

Standard Warranty

Basic Warranty

Basic warranty	36 months/36,000 miles

Powertrain Warranty

Powertrain warranty	60 months/60,000 miles

Corrosion Perforation

Corrosion perforation warranty	60 months/unlimited

Roadside Assistance Warranty

Roadside warranty	60 months/60,000 miles

Accessories Warranty

Accessories warranty	36 months/36,000 miles

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Explorer 4dr 4x4 Active (K8D)

Price Level: 625 | Quote ID: 2026-BG6

Major Equipment

(Based on selected options, shown at right)

10-speed automatic

Exterior: Oxford White

Interior: Ultra Dark Space Gray w/Unique Cloth Captain's Chairs or Unique Cloth Heated Captain's Chairs

* 18 x 7.5-inch front and rear silver aluminum wheels
* P255/65RH18 AS BSW front and rear tires
* Lock-up transmission
* Stainless steel quasi-dual exhaust
* Lead acid battery
* Fuel tank capacity: 17.91 gal.
* Driver selectable drivetrain mode
* Steering wheel mounted audio controls
* 13.2 inch primary display
* AM/FM/satellite
* External memory control
* Internet radio capability
* Vehicle body length: 198.8"
* Interior cargo length: 84.1 "
* Trip computer
* Manual remote door mirrors
* Manual folding door mirrors
* LED brake lights
* Class III tow rating
* Overdrive transmission
* Transmission electronic control
* All-speed ABS and driveline traction control
* Battery run down protection
* Auto stop-start engine
* Integrated navigation system with voice activation
* Bluetooth wireless audio streaming
* SiriusXM with 360L AM/FM/Satellite radio
* Seek scan
* Internal storage capability
* 3 month satellite trial subscription
* Wheelbase: 119.1"
* Standard ride suspension
* Rear window defroster
* Heated driver and passenger side door mirrors
* LED daytime running lights
* Deep tinted windows

As Configured Vehicle

	MSRP
STANDARD VEHICLE PRICE	$40,465.00
Equipment Group 100A	N/C
Engine: 2.3L EcoBoost I-4	Included
Transmission: 10-Speed Automatic	Included
GVWR: 5,940 lbs	Included
Tires: P255/65R18 AS BSW	Included
Wheels: 18" Sparkle Silver-Painted Aluminum	Included
Unique Cloth Captain's Chairs	Included
Monotone Paint Application	STD
119.1" Wheelbase	STD
Radio: AM/FM Stereo	Included
Oxford White	N/C
Ultra Dark Space Gray w/Unique Cloth Captain's Chairs or Unique Cloth Heated Captain's Chairs	N/C
Front License Plate Bracket	N/C
Daytime Running Lamps (DRL) (Non-Configurable)	$45.00
SUBTOTAL	$40,510.00
Destination Charge	$1,695.00

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Prepared for:
Village of Buffalo Grove
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Explorer 4dr 4x4 Active (K8D)

Price Level: 625 | Quote ID: 2026-BG6

Major Equipment

* Variable intermittent front windshield wipers
* Speed sensitive wipers
* Automatic climate control
* Dual-zone front climate control
* Rear under seat climate control ducts
* Cloth rear seat upholstery
* Carpet third-row seatback upholstery
* Driver front impact airbag
* Seat mounted side impact driver airbag
* Passenger front impact airbag
* Seat mounted side impact front passenger airbag
* Airbag occupancy sensor
* 7 airbags
* AdvanceTrac w/Roll Stability Control electronic stability control system with anti-rollover
* Manual rear child safety door locks
* SecuriLock immobilizer
* Fixed third-row seats
* 50-50 folding third-row passenger seat
* Front facing third-row seat
* Manual fold into floor third-row seat
* Height adjustable third-row head restraints
* Manual third-row head restraint control
* 2 third-row head restraints
* Third-row bench seat
* Fixed second-row seats
* Manual reclining second-row seats
* Second-row captains' chairs
* Front facing rear seat
* Fold forward second-row seatback
* Second-row seats with manual fore and aft
* Height adjustable rear seat head restraints
* Manual rear seat head restraint control
* 2 rear seat head restraints
* Second-row outboard-only mounted armrests
* Bucket front seats
* Driver seat with 4-way directional controls
* Front passenger seat with 4-way directional controls
* Height adjustable front seat head restraints
* Manual front seat head restraint control
* Front seat center armrest
* Manual reclining driver seat
* Power height adjustable driver seat

As Configured Vehicle

MSRP

TOTAL	**$42,205.00**

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Prepared for:
Village of Buffalo Grove
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Explorer 4dr 4x4 Active (K8D)

Price Level: 625 | Quote ID: 2026-BG6

Major Equipment

* Power driver seat fore/aft control
* Manual passenger seat fore/aft control
* Cloth front seatback upholstery
* 4-wheel disc brakes
* Electronic parking brake
* Hill Descent Control
* Manual reclining passenger seat
* Cloth front seat upholstery
* Driver seat with 2-way power lumbar
* 4-wheel antilock (ABS) brakes
* Brake assist system
* Hill Start Assist

Fuel Economy

City
20 mpg

Hwy
27 mpg

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Prepared for:
Village of Buffalo Grove
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Explorer 4dr 4x4 Active (K8D)

Price Level: 625 | Quote ID: 2026-BG6

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
K8D	Base Vehicle Price (K8D)	$40,465.00
Packages		
100A	Equipment Group 100A *Includes:* *- Engine: 2.3L EcoBoost I-4* *Includes auto start-stop technology.* *- Transmission: 10-Speed Automatic* *- GVWR: 5,940 lbs* *- Tires: P255/65R18 AS BSW* *- Wheels: 18" Sparkle Silver-Painted Aluminum* *- Unique Cloth Captain's Chairs* *Includes 6-way power driver and 4-way manual passenger.* *- Radio: AM/FM Stereo* *Includes MP3 capable, 6 speakers, speed-compensated volume, SiriusXM with 360L and 3-month prepaid subscription (service is not available in Alaska and Hawaii), Ford digital experience with 13.2" color LCD touchscreen in IP center-stack, Google Assistant, Google Maps and Google Play, pinch-to-zoom capability, 911 Assist, Apple CarPlay and Android Auto wireless compatibility. Note: SiriusXM services require a subscription, sold separately by SiriusXM after the trial period. Your SiriusXM service will automatically stop at the end of your trial unless you decide to subscribe. If you decide to continue service, the subscription plan chosen will automatically renew and be charged according to your chosen payment method at the then-current rates. Fees and taxes apply. See the SiriusXM customer agreement and privacy policy at http://www.siriusxm.com/ www.siriusxm.com for full terms and how to cancel, which includes online methods or calling 1-866-635-2349. Available in the 48 contiguous United States, D.C., and Puerto Rico (with coverage limits and capable receiver). Visit http://www.siriusxm.com/FAQS for most current service area information. Availability of some services and features is subject to device capabilities and location restrictions. All fees, content and features are subject to change. SiriusXM, Pandora and all related logos are trademarks of Sirius XM Radio Inc. and its respective subsidiaries.*	N/C
Powertrain		
99H	Engine: 2.3L EcoBoost I-4 *Includes auto start-stop technology.*	Included
44T	Transmission: 10-Speed Automatic	Included
STDGV	GVWR: 5,940 lbs	Included
Wheels & Tires		
STDTR	Tires: P255/65R18 AS BSW	Included
STDWL	Wheels: 18" Sparkle Silver-Painted Aluminum	Included
Seats & Seat Trim		
8	Unique Cloth Captain's Chairs *Includes 6-way power driver and 4-way manual passenger.*	Included

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

2026 Explorer 4dr 4x4 Active (K8D)

Price Level: 625 | Quote ID: 2026-BG6

As Configured Vehicle (cont'd)

Code	Description	MSRP
Other Options		
PAINT	Monotone Paint Application	STD
119WB	119.1" Wheelbase	STD
STDRD	Radio: AM/FM Stereo	Included
	Eligible 2026 model-year vehicle receive complimentary access to 1-year Ford connectivity connected service plan enabling Google Assistant, Google Maps and Google Play which begins on the new warranty start date. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features.	
	Includes MP3 capable, 6 speakers, speed-compensated volume, SiriusXM with 360L and 3-month prepaid subscription (service is not available in Alaska and Hawaii), Ford digital experience with 13.2" color LCD touchscreen in IP center-stack, Google Assistant, Google Maps and Google Play, pinch-to-zoom capability, 911 Assist, Apple CarPlay and Android Auto wireless compatibility. Note: SiriusXM services require a subscription, sold separately by SiriusXM after the trial period. Your SiriusXM service will automatically stop at the end of your trial unless you decide to subscribe. If you decide to continue service, the subscription plan chosen will automatically renew and be charged according to your chosen payment method at the then-current rates. Fees and taxes apply. See the SiriusXM customer agreement and privacy policy at http://www.siriusxm.com/ www.siriusxm.com for full terms and how to cancel, which includes online methods or calling 1-866-635-2349. Available in the 48 contiguous United States, D.C., and Puerto Rico (with coverage limits and capable receiver). Visit http://www.siriusxm.com/FAQS for most current service area information. Availability of some services and features is subject to device capabilities and location restrictions. All fees, content and features are subject to change. SiriusXM, Pandora and all related logos are trademarks of Sirius XM Radio Inc. and its respective subsidiaries.	
153	Front License Plate Bracket	N/C
	Standard in states requiring 2 license plates and optional to all others.	
Fleet Options		
942	Daytime Running Lamps (DRL) (Non-Configurable)	$45.00
	Requires valid FIN code.	
	Replaces the standard configurable Daytime Running Lamps (DRL).	
YZ_02	Oxford White	N/C
Interior Color		
8H_02	Ultra Dark Space Gray w/Unique Cloth Captain's Chairs or Unique Cloth Heated Captain's Chairs	N/C
Upfit Options		
01	License and Title (M-Plates)	$203.00
02	5 Year/ 100,000 Miles Premium Care	$2,870.00

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2026 Explorer 4dr 4x4 Active (K8D)

Price Level: 625 | Quote ID: 2026-BG6

As Configured Vehicle (cont'd)

Code	Description	MSRP
03	4-Corner Strobe	$1,595.00

SUBTOTAL	$45,178.00
Destination Charge	$1,695.00
TOTAL	$46,873.00

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Prepared for:
Village of Buffalo Grove
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 Explorer 4dr 4x4 Active (K8D)

Price Level: 625 | Quote ID: 2026-BG6

Pricing Summary - Single Vehicle

	MSRP
Vehicle Pricing	
Base Vehicle Price	$40,465.00
Options	$45.00
Colors	$0.00
Upfitting	$4,668.00
Fleet Discount	$0.00
Fuel Charge	$0.00
Destination Charge	$1,695.00
Subtotal	$46,873.00
Discount Adjustments	
Discount Adjustments	-$3,013.00
Total	$43,860.00

Customer Signature

Acceptance Date

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for: , Village of Buffalo Grove

2026 E-Transit-350 Cargo RWD High Roof Ext. Van 148" WB Base (W3X)

Price Level: 625

Client Proposal

Prepared by:
Nic Cortellini
Office: 815-464-9200
Email: ncortellini@curriemotors.com
Quote ID: 2026-BG5
Date: 12/08/2025

2026 E-Transit-350 Cargo RWD High Roof Ext. Van 148" WB Base (W3X)

Price Level: 625 | Quote ID: 2026-BG5

Warranty

Standard Warranty

Basic Warranty

Basic warranty	36 months/36,000 miles

Powertrain Warranty

Powertrain warranty	60 months/60,000 miles

Corrosion Perforation

Corrosion perforation warranty	60 months/unlimited

Roadside Assistance Warranty

Roadside warranty	60 months/60,000 miles

Hybrid/Electric Components Warranty

Hybrid/electric components warranty	96 months/100,000 miles

Traction Battery Warranty

Traction battery warranty	96 months/100,000 miles

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 E-Transit-350 Cargo RWD High Roof Ext. Van 148" WB Base (W3X)

Price Level: 625 | Quote ID: 2026-BG5

Major Equipment

(Based on selected options, shown at right)

Automatic

Exterior: Oxford White

Interior: Dark Palazzo Gray w/Cloth Front Bucket Seats

* 16 x 6.5-inch front and rear argent steel wheels
* Front tires LT load rating: C
* Lead acid battery
* Connected Navigation integrated navigation system with voice activation
* Wireless audio streaming
* SiriusXM with 360L AM/FM/HD/Satellite radio
* Seek scan
* 3 month satellite trial subscription
* Wheelbase: 148.0"
* Standard ride suspension
* Heated driver and passenger side door mirrors
* Light tinted windows
* Automatic climate control
* Seat mounted side impact driver airbag
* Seat mounted side impact front passenger airbag
* 6 airbags
* SecuriLock immobilizer
* LT235/65RR16 AS BSW front and rear tires
* All-speed ABS and driveline traction control
* Battery run down protection
* Steering wheel mounted audio controls
* 12 inch primary display
* AM/FM/digital/satellite
* SYNC 4 external memory control
* Vehicle body length: 263.9"
* Interior cargo length: 172.2 "
* Power door mirrors
* Manual folding door mirrors
* Variable intermittent front windshield wipers
* Driver front impact airbag
* Cancellable front passenger air bag
* Airbag occupancy sensor
* Ford Co-Pilot360 w/Side Wind Stabilization electronic stability control system with anti-rollover
* Bucket front seats

As Configured Vehicle

	MSRP
STANDARD VEHICLE PRICE	$56,675.00
Order Code 101A	N/C
Engine: Electric Motor w/Enhanced Range Battery	Included
Transmission: Single-Speed	Included
Electric Axle	Included
GVWR: 9,500 lbs	Included
Tires: 235/65R16C 121/119 R AS BSW	Included
Wheels: 16" Steel w/Full Silver Cover	Included
Spare Tire & Wheel Delete	N/C
Cloth Front Bucket Seats	Included
Monotone Paint Application	STD
148" Wheelbase	STD
Radio: AM/FM Stereo	Included
Zero Evaporated Emissions System	STD
SYNC 4	Included
Ford Connectivity Package (1-Year Included)	Included
Oxford White	N/C
Dark Palazzo Gray w/Cloth Front Bucket Seats	N/C
Dark Palazzo Gray Cloth Bucket Seats w/Armrests	N/A

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 E-Transit-350 Cargo RWD High Roof Ext. Van 148" WB Base (W3X)

Price Level: 625 | Quote ID: 2026-BG5

Major Equipment

* Driver seat with 4-way directional controls
* Height adjustable front seat head restraints
* Driver seat armrest
* Manual reclining driver seat
* Manual reclining passenger seat
* Cloth front seat upholstery
* Manual driver seat lumbar
* 4-wheel disc brakes
* Electronic parking brake
* Hill start assist
* Front passenger seat with 4-way directional controls
* Manual front seat head restraint control
* Front passenger seat armrest
* Manual driver seat fore/aft control
* Manual passenger seat fore/aft control
* Cloth front seatback upholstery
* Heated driver and front passenger seats
* 4-wheel antilock (ABS) brakes
* Brake assist system

Fuel Economy

City
N/A

Hwy
N/A

As Configured Vehicle

	MSRP
Front Overhead Shelf	$70.00
Mobile Power Cord (120V/240V)	$600.00
Long-Arm Manual-Folding Heated Pwr Adjusting Mirrors	$205.00
Ford Co-Pilot360 Assist 2.0	$1,100.00
SiriusXM w/360L	Included
Front Fog Lamps	Included
Adaptive Cruise Control w/Lane Centering	Included
Side Parking Sensors	Included
Reverse Brake Assist	Included
Heavy-Duty Scuff Plate Kit	$360.00
120V/2.4kW Pro Power Onboard	$1,265.00
Lockable Door Bulkhead w/Window	$1,920.00
Passenger-Side B-Pillar Assist Handle	Included
Digital Rearview Mirror	$750.00
Full Rear Compartment Lighting	$70.00
6 Cargo Tie-Down Hooks	$25.00
Front License Plate Bracket	N/C
Back Up Alarm	$185.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 E-Transit-350 Cargo RWD High Roof Ext. Van 148" WB Base (W3X)

Price Level: 625 | Quote ID: 2026-BG5

As Configured Vehicle	MSRP
SUBTOTAL	$63,225.00
Destination Charge	$2,095.00
TOTAL	**$65,320.00**

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 E-Transit-350 Cargo RWD High Roof Ext. Van 148" WB Base (W3X)

Price Level: 625 | Quote ID: 2026-BG5

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
W3X	Base Vehicle Price (W3X)	$56,675.00
Packages		
101A	Order Code 101A *Includes:* *- Engine: Electric Motor w/Enhanced Range Battery* *Includes 89kWh high-voltage battery.* *- Transmission: Single-Speed* *- Electric Axle* *- GVWR: 9,500 lbs* *- Tires: 235/65R16C 121/119 R AS BSW* *- Wheels: 16" Steel w/Full Silver Cover* *- Cloth Front Bucket Seats* *Includes driver and front-passenger manual reclining bucket seats with adjustable headrest and inboard armrest.* *- Radio: AM/FM Stereo* *- SYNC 4* *Includes 12" center display, Bluetooth, dual USB ports, enhanced voice recognition and connectivity package which includes information on demand panel, wireless Apple CarPlay and Android Auto compatibility, cloud connected, 911 Assist, digitial owner's manual and conversational voice command recognition.* *- Ford Connectivity Package (1-Year Included)* *Includes unlimited Wi-Fi hotspot, connected navigation, audio and video streaming, voice assistant and entertainment. Note: Ford Connectivity Package included for one-year from warranty start date, Requires activation via Ford app with credit card authorization; customer may cancel at any time. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Ford may temporarily slow data speeds if such data usage reaches or exceeds 50GB within a billing cycle or due to network limitations. If a customer uses more than 50% of their data usage in a roaming country during a 60-day period, Ford may remove or limit the customer's data plan.*	N/C
Powertrain		
99M	Engine: Electric Motor w/Enhanced Range Battery *Includes 89kWh high-voltage battery.*	Included
44A	Transmission: Single-Speed	Included
STDAX	Electric Axle	Included
STDGV	GVWR: 9,500 lbs	Included
Wheels & Tires		
STDTR	Tires: 235/65R16C 121/119 R AS BSW	Included
64H	Wheels: 16" Steel w/Full Silver Cover	Included

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

2026 E-Transit-350 Cargo RWD High Roof Ext. Van 148" WB Base (W3X)

Price Level: 625 | Quote ID: 2026-BG5

As Configured Vehicle (cont'd)

Code	Description	MSRP
51A	Spare Tire & Wheel Delete	N/C

Seats & Seat Trim

C	Cloth Front Bucket Seats *Includes driver and front-passenger manual reclining bucket seats with adjustable headrest and inboard armrest.*	Included
21L	Dark Palazzo Gray Cloth Bucket Seats w/Armrests *Includes 2-way manual driver seat with lumbar and 2-way manual passenger seat.*	N/A

Other Options

PAINT	Monotone Paint Application	STD
148WB	148" Wheelbase	STD
STDRD	Radio: AM/FM Stereo *Includes:* *- SYNC 4* *Includes 12" center display, Bluetooth, dual USB ports, enhanced voice recognition and connectivity package which includes information on demand panel, wireless Apple CarPlay and Android Auto compatibility, cloud connected, 911 Assist, digitial owner's manual and conversational voice command recognition.* *- Ford Connectivity Package (1-Year Included)* *Includes unlimited Wi-Fi hotspot, connected navigation, audio and video streaming, voice assistant and entertainment. Note: Ford Connectivity Package included for one-year from warranty start date, Requires activation via Ford app with credit card authorization; customer may cancel at any time. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Ford may temporarily slow data speeds if such data usage reaches or exceeds 50GB within a billing cycle or due to network limitations. If a customer uses more than 50% of their data usage in a roaming country during a 60-day period, Ford may remove or limit the customer's data plan.*	Included
544	Long-Arm Manual-Folding Heated Pwr Adjusting Mirrors *Includes turn signals.*	$205.00
41B	Passenger-Side B-Pillar Assist Handle	Included
90C	Digital Rearview Mirror *Placed in the traditional rearview mirror mount location, this always on, auto-dimming enhanced mirror provides full digital rearview images when obstructions such as a bulkhead, cargo or no rear windows are present. Returns to mirror mode when the camera is turned off. This is not a reverse back-up camera.*	$750.00
15F	Full Rear Compartment Lighting *Includes cargo area LED lights at C-pillar, D-pillar and mid-ship and rear compartment LED switch.*	$70.00
17P	6 Cargo Tie-Down Hooks	$25.00
66D	Front Overhead Shelf	$70.00

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2026 E-Transit-350 Cargo RWD High Roof Ext. Van 148" WB Base (W3X)

Price Level: 625 | Quote ID: 2026-BG5

As Configured Vehicle (cont'd)

Code	Description	MSRP
47T	Lockable Door Bulkhead w/Window *The bulkhead is located behind the driver and passenger seats in the cargo van, and separates them from the cargo area.* *Includes:* *- Passenger-Side B-Pillar Assist Handle*	$1,920.00
61M	Ford Co-Pilot360 Assist 2.0 *Includes HD Radio, connected navigation and 360-degree camera* *Includes:* *- SiriusXM w/360L* *- Front Fog Lamps* *Auxiliary lamps that are generally integrated into the front fascia and designed to help illuminate the roadway during poor visibility.* *- Adaptive Cruise Control w/Lane Centering* *Includes stop and go and predictive speed assist.* *- Side Parking Sensors* *- Reverse Brake Assist*	$1,100.00
98A	Mobile Power Cord (120V/240V) Switchable cord end to allow customer charge functionality with 120V (NEMA 5-15) up to 15 Amps or 240V (NEMA 14-50) up to 32 Amps. Adapter to access DC fast charging stations using the North American Charging Standard (NACS). *Includes fast charger adapter (NACS).*	$600.00
90E	120V/2.4kW Pro Power Onboard *Pro power onboard allows the vehicle to be used as a power source for tools to be plugged in to.*	$1,265.00
85B	Heavy-Duty Scuff Plate Kit *Heavy-duty scuff plate kit is made of durable 14 gauge steel heavy-duty scuffs for rear cargo doors and sliding passenger-side door.*	$360.00
43B	Back Up Alarm Ford accessory, pre-installed. *Includes 97 dB(A) warning capability.*	$185.00
153	Front License Plate Bracket Standard in states requiring two license plates and optional in all other states.	N/C
Emissions		
425	Zero Evaporated Emissions System	STD
Exterior Color		
YZ_01	Oxford White	N/C

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

2026 E-Transit-350 Cargo RWD High Roof Ext. Van 148" WB Base (W3X)

Price Level: 625 | Quote ID: 2026-BG5

As Configured Vehicle (cont'd)

Code	Description	MSRP
Interior Color		
CK_01	Dark Palazzo Gray w/Cloth Front Bucket Seats	N/C
Upfit Options		
01	License and Title (M-Plates)	$203.00
02	Rust Proofing (Dose not include undercoating)	$395.00
03	4-Corner Strobe	$1,595.00
SUBTOTAL		$65,418.00
Destination Charge		$2,095.00
TOTAL		$67,513.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared for:
Village of Buffalo Grove
Prepared by: Nic Cortellini
12/08/2025

Currie Motors Fleet | 10125 West Laraway Road Frankfort IL | 60423

2026 E-Transit-350 Cargo RWD High Roof Ext. Van 148" WB Base (W3X)

Price Level: 625 | Quote ID: 2026-BG5

Pricing Summary - Single Vehicle

	MSRP
Vehicle Pricing	
Base Vehicle Price	$56,675.00
Options	$6,550.00
Colors	$0.00
Upfitting	$2,193.00
Fleet Discount	$0.00
Fuel Charge	$0.00
Destination Charge	$2,095.00
Subtotal	$67,513.00
Discount Adjustments	
Discount Adjustments	-$3,379.00
Total	$64,134.00

Customer Signature

Acceptance Date

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

ORDINANCE 2026-xxx

AN ORDINANCE AUTHORIZING THE PURCHASE OF FOUR (4) POLICE DEPARTMENT FLEET VEHICLES AND TWO (2) PUBLIC WORKS DEPARTMENT FLEET 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 is a member of the Northwest Municipal Conference and the Suburban Purchasing Cooperative; and

WHEREAS the Village may make purchases in accordance with Illinois Governmental Joint Purchasing Act (30 ILCS 525/0.01et seq.); and

WHEREAS the Suburban Purchasing Cooperative engaged in a competitive procurement process to obtain the best value for money for 4 Police Department Fleet Vehicles and 2 Public Works Department Fleet Vehicles

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 hereby authorizes the Village Manager to purchase four (4) 2026 Ford Police Department Fleet Vehicles and two (2) Public Works Department Fleet Vehicles from Currie Motors, in an amount not to exceed $307,176.00, subject to final 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: _____, 2026
APPROVED: _____, 2026
PUBLISHED: _____, 2026

ATTEST:

Janet M. Sirabian, Village Clerk

APPROVED:

Eric N. Smith, Village President

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AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 9.c. O-2026-8
Ordinance Authorizing the Village to Execute a Contract for Engineering Services with Ciorba Group Inc. For Sanitary Sewer Systems Annual Documentation and Compliance

Contacts

Liaison: Trustee Weidenfeld
Staff: Chris Krase

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve an Ordinance authorizing the Village Manager to execute a contract with Ciorba Group Inc. for a price not to exceed $293,490.63 for Sanitary Sewer Systems Annual Documentation and Compliance, subject to final review and approval by the Village Attorney.

Summary

See attached memo.

Strategic Alignment

Guiding Principle

Principle 7: Builds Our Community

Goal

Goal 1: Maintained effective village government: fiscally responsible and providing outstanding, responsive services

File Attachments

1. Memo - Engineering Services for Regulatory Compliance Ciorba Group Inc. - 12172025
2. Draft - Engineering Services Agreement With Ciorba Group Village's 120825 (Signed)
3. DRAFT Ordinance-Sanitary Sewer Systems Annual Documentation and Compliance

MEMORANDUM

DATE: December 17, 2025

TO: Dane Bragg, Village Manager

FROM: Chris Krase, Deputy Director of Public Works

SUBJECT: Sanitary Sewer Systems Annual Documentation and Compliance

RECOMMENDATION

Staff recommends the Village Board Authorize the Village Manager to execute a contract with Ciorba Group Inc., for Engineering Services for Sanitary Sewer Systems Annual Documentation and Compliance for an amount not to exceed $293,490.63 over the contract term of five years, pending review and approval of the Village Attorney.

BACKGROUND

The Village maintains a Long Term Operation and Maintenance Program (LTOMP) to ensure the continued performance, regulatory compliance, and reliability of the Sanitary Sewer System. Ongoing consultant support is required at this time to effectively execute this program and to address system risks, operational challenges, and reporting obligations.

The proposed five-year engineering support services contract with Ciorba Group, Inc. will provide continuity and technical assistance for implementation of the LTOMP. Services under this agreement include support with the following:

- Risk Assessment and Emergency Program Development
- Review of annual system mapping updates
- Annual operational reviews of lift stations
- Basin system capacity evaluation updates
- Targeted smoke testing, dye water testing, and flow metering in identified problem areas
- Review of the Village's annual sewer rehabilitation program
- Research of applicable funding opportunities
- Technical review of ordinance changes
- Preparation of required annual reporting to the Metropolitan Water Reclamation District (MWRD).

Ciorba Group, Inc. has successfully performed these services for the Village over the past five years and has demonstrated a strong understanding of the Village's sanitary sewer system, operational practices,

and regulatory requirements. In addition, Ciorba maintains an ongoing role supporting the Village's Infrastructure Modernization Plan as it relates to the sanitary sewer system. Their established familiarity with the system allows for efficient service delivery, minimizes onboarding and duplication of effort, and ensures continuity in long-term planning and compliance efforts.

FINANCIAL

Services	2026	2027	2028	2029	2030	5 - Total
Base Fee	$30,780.63	$31,710.00	$32,670.00	$33,660.00	$34,670.00	$163,490.63
Smoke Testing	$30,000.00	-	$30,000.00	-	$30,0000	$90,000.00
Flow Metering	-	$20,000.00	-	$20,000.00	-	$40,000.00
Total	**$60,780.63**	**$51,710.00**	**$62,670.00**	**$53,660.00**	**$64,670.00**	**$293,490.63**

Funding has been budgeted and approved for these services annually for the duration of this contract through the Sewer Capital Fund.

VILLAGE OF BUFFALO GROVE
PROFESSIONAL SERVICES AGREEMENT
ENGINEERING SERVICES

THIS AGREEMENT is dated as of the 5th day of January 2026 ***("Agreement")*** and is by and between the **VILLAGE OF BUFFALO GROVE,** an Illinois home rule municipal corporation ***("Village")*** and the Consultant identified in Subsection 1A 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. CONSULTANT.

A. Engagement of Consultant. The Village desires to engage the Consultant identified below to provide all necessary professional engineering services and to perform the work in connection with the project identified below:

Ciorba Group ("Consultant")
Tony Wolf
8725 W. Higgins Road, Suite 600
Chicago, IL 60631
Telephone: 773-775-4009
Email: twolff@ciorba.com

B. Project Description. The Consultant shall provide engineering services for the Village of Buffalo Grove as further described in Exhibit B.

C. Representations of Consultant. The Consultant has submitted to the Village a description of the services to be provided by the Consultant, a copy of which is attached as Exhibit B to this Agreement ("Services"). The Consultant represents that it is financially solvent, has the necessary financial resources, and is sufficiently experienced and competent to perform and complete the professional consulting services set forth in Exhibit B in a manner consistent with the standards of professional practice by recognized consulting firms providing services of a similar nature in the Chicago metropolitan area.

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SECTION 2. SCOPE OF SERVICES.

A. **Retention of the Consultant.** The Village retains the Consultant to perform, and the Consultant agrees to perform, the Services.

B. **Services.** The Consultant shall provide the Services pursuant to the terms and conditions of this Agreement.

C. **Commencement.** Time of Performance. The Consultant 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 Consultant shall diligently and continuously prosecute the Services until the completion of the Work.

D. **Reporting.** The Consultant shall regularly report to the Public Works Superintendent, 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 A, unless amended pursuant to Subsection 8A of this Agreement.

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 A. 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 Consultant 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 Consultant 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 Consultant wishes to make a claim for additional compensation as a result of action taken by the Village, the Consultant shall provide written notice to the Village of such claim within 14 calendar days after occurrence of such action. If the Consultant wishes to make a claim for additional compensation as a result of the Village's omission or other circumstances within the Village's control, the Consultant shall provide written notice to the Village of such claim within 14 days of discovering the omission or circumstances 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 Consultant, the Consultant shall proceed with all of the Services required to complete the project under this Agreement as determined by the Village without interruption.

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SECTION 3. COMPENSATION AND METHOD OF PAYMENT (cont.)

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 claims or right to claim additional compensation by reason of the payment of any such tax, contribution, premium, costs, royalties, or fees are hereby waived and released by consultant.

F. **Final Acceptance.** The Services, or, if the Services are to be performed in separate phases, each phase of the Services, shall be considered complete on the date of final written acceptance by the Village of the Services or each phase of the Services, as the case may be, which acceptance shall not be unreasonably withheld or delayed.

SECTION 4. PERSONNEL SUBCONTRACTORS.

A. **Key Project Personnel.** The Key Project Personnel identified in Exhibit B shall be primarily responsible for carrying out the Services on behalf of the Consultant. The Key Project Personnel shall not be changed without the Village's prior written approval, which shall not be unreasonably withheld or delayed.

B. **Availability of Personnel.** The Consultant shall provide all personnel necessary to complete the Services including, without limitation, any Key Project Personnel identified in this Agreement. The Consultant 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 Consultant 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.

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SECTION 4. PERSONNEL SUBCONTRACTORS (cont.)

C. **Approval and Use of Subcontractors**. The Consultant 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 in writing. All subcontractors and subcontracts used by the Consultant shall be acceptable to, and approved in advance by, the Village which approval shall not be unreasonably withheld or delayed. The Village's approval of any subcontractor or subcontract shall not relieve the Consultant 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 Consultant. For purposes of this Agreement, the term "Consultant" shall be deemed also to refer to all subcontractors of the Consultant, 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 to the Village's reasonable satisfaction, the Consultant shall upon notice from the Village remove and replace such personnel or subcontractor. The Consultant shall have no claim for damages, for compensation in excess of the amount contained in this Agreement of 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 from this Project, at the reasonable 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 Consultant from a source other than the Village prior to the time of disclosure of said information to the Consultant 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 Consultant or the Village; or (iv) to have been supplied to the Consultant 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 Consultant**. The Consultant 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 Consultant shall hold confidential all Confidential Information and shall not disclose or use such Confidential Information without express prior written consent of the Village. The Consultant shall use reasonable measures at least as strict as those the Consultant uses to protect its own confidential information. Such measures shall include, without limitation, requiring employees and subcontractors of the Consultant to execute a non-disclosure agreement before obtaining access to Confidential Information.

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SECTION 6. INDEMNIFICATION; INSURANCE

A. **Services.** The Consultant agrees to perform the Services in a manner consistent with the standards of professional practice by recognized consulting firms providing services of a similar nature in the Chicago metropolitan area.

B. **Indemnification**. The Consultant shall, without regard to the availability or unavailability of any insurance, either of the Village or the Consultant, indemnify, save harmless, and defend the Village, and its officials, employees, agents, and attorneys against any and all lawsuits, claims, demands, damages, liabilities, losses, and expenses, including attorneys' fees and administrative expenses, that arise, or may be alleged to have arisen, out of or in connection with, the Consultant's performance of, or failure to perform, the Services or any part thereof, whether or not due or claimed to be due in whole or in part to the active, passive, or concurrent negligence or fault of the Consultant, except to the extent caused by the sole negligence of the Village.

C. **Insurance.** Contemporaneous with the Consultant's execution of this Agreement, the Consultant shall provide certificates and policies of insurance, all with coverages and limits acceptable to the Village, and evidencing at least the minimum insurance coverages and limits as set forth in Exhibit C to this Agreement. For good cause shown, the Village Manager may extend the time for submission of the required policies of insurance upon such terms, and with such assurances of complete and prompt performance, as the Director may impose in the exercise of his sole discretion. Such certificates and policies shall be in a form acceptable to the Village and from companies with a general rating of A minus, and a financial size category of Class X or better, in Best's Insurance Guide. Such insurance policies shall provide that no change, modification in, or cancellation of, any insurance shall become effective until the expiration of 30 calendar days after written notice thereof shall have been given by the insurance company to the Village. The Consultant shall, at all times during the term of this Agreement, maintain and keep in force, at the Consultant's expense, the insurance coverages provided above.

D. **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 Consultant as the result of the execution of this Agreement.

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

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SECTION 7. CONSULTANT AGREEMENT GENERAL PROVISIONS.

A. **Relationship of the Parties**. The Consultant 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 Consultant; or (ii) to create any relationship between the Village and any subcontractor of the Consultant.

B. **Conflict of Interest.** The Consultant represents and certifies that, to the best of its knowledge, (1) no Village employee or agent is interested in the business of the Consultant or this Agreement; (2) as of the date of this Agreement neither the Consultant nor any person employed or associated with the Consultant has any interest that would conflict in any manner or degree with the performance of the obligations under this Agreement; and (3) neither the Consultant nor any person employed by or associated with the Consultant shall at any time during the term of this Agreement obtain or acquire any interest that would conflict in any manner or degree with the performance of the obligations under this Agreement.

C. **No Collusion**. The Consultant represents and certifies that the Consultant 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 Consultant 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 Section11-42.1-1 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 1LCS 5/33E-1 et seq. The Consultant 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 Consultant has, in procuring this Agreement, colluded with any other person, firm, or corporation, then the Consultant 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 Consultant certifies that it has a written sexual harassment policy in full compliance with Section 2-105(A)(4) of the Illinois Human Rights Act, 775 ILCS 512-105(A)(4).

E. **Termination**. Notwithstanding any other provision hereof, the Village may terminate this Agreement, without cause, at any time upon 15 calendar days prior written notice to the Consultant. In the event that this Agreement is so terminated, the Consultant 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 five (5) years.

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SECTION 7. CONSULTANT AGREEMENT GENERAL PROVISIONS (cont.)

G. **Compliance with Laws and Grants.** Consultant 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. Consultant shall also comply with all conditions of any federal, state, or local grant received by Owner or Consultant with respect to this Agreement or the Services. Consultant 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 Consultant'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 it should appear at any time that the Consultant 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 Consultant'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 Consultant.** The Village may require the Consultant, 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 Consultant 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 to become due under this Agreement so long as the Village pays for all Services and materials which it has accepted

3. **Withholding of Payment by Village.** The Village may withhold from any payment, whether or not previously approved, or may recover from the Consultant, any and all costs, including attorneys' fees and administrative expenses, incurred by the Village as the result of any Event of Default by the Consultant or as a result of actions taken by the Village in response to any Event of Default by the Consultant.

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SECTION 7. CONSULTANT AGREEMENT GENERAL PROVISIONS (cont.)

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 Consultant or with any vendor solicited or recommended by the Consultant.

J. **Village Board Authority**. Notwithstanding any provision of this Agreement, any negotiations, or agreements with, or representations by the Consultant to vendors shall be subject to the approval of the Village Board of Trustees. The Village shall not be liable to any vendor or other third party for any agreements made by the Consultant, purportedly on behalf of the Village, without the knowledge and approval of the Village Board of Trustees.

K. **Mutual Cooperation**. The Village agrees to cooperate with the Consultant in the performance of the Services, including meeting with the Consultant and providing the Consultant with such confidential and non-confidential information that the Village may have that may be relevant and helpful to the Consultant's performance of the Services. The Consultant agrees to cooperate with the Village in the performance of the Services to complete the Work and with any other consultants engaged by the Village.

L. **News Releases**. The Consultant shall not issue any news releases or other public statements regarding the Services without prior approval from the Director. 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 Consultant 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 Consultant shall cause the Documents to be promptly delivered to the Village, in original format or a suitable facsimile acceptable to the Village

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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 Consultant 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

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SECTION 8. GENERAL PROVISIONS (cont)

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 consultant 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: pbrankin@schainbanks.com

With a copy to

Law Firm.
Street
City, State, Zip
Attention:
Email:

Notices and communications to the Consultant shall be addressed to, and delivered at, the following address:

Ciorba Group ("Consultant")
8725 W. Higgins Road, Suite 600
Chicago, IL 60631
Telephone: 773-775-4009
Email: twolff@ciorba.com

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SECTION 8. GENERAL PROVISIONS (cont)

E. **Third Party Beneficiary.** No claim as a third-party beneficiary under this Agreement by any person, firm, or corporation other than the Consultant 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 Consultant 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, Exhibit B, and Exhibit C 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. **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.

N. **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.

O. **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.

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SECTION 8. GENERAL PROVISIONS (cont)

P. **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 (5 ILCS 140/1 et seq.) ("FOIA") request within five (5) calendar days after the Village issues Notice of such requests to the Firm. The Village agrees to consider the Firm's reasonable requests for applicable exemptions to FOIA in order to protect the Firm's trade secrets or confidential information if the Firm specifically requests that of the Village. If the Village pursues a defense or exemption to FOIA at Firm's request, Firm shall reimburse the Village for all reasonable attorney's fees costs and expenses

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: _____

Ciorba Group

By: _____

Title: CEO

Date: 12/8/2025

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Exhibit A.
Agreed Upon Pricing Structure

Ciorba Group proposes the following fees to complete the Sanitary Systems Annual Documentation and Compliance Engineering Services.

Service	2026	2027	2028	2029	2030	5-Year Total
Base Fee	$30,780.63	$31,710.00	$32,670.00	$33,660.00	$34,670.00	$163,490.63
Smoke Testing	$30,000.00	-	$30,000.00	-	$30,000.00	$90,000.00
Flow Metering	-	$20,000.00	-	$20,000.00	-	$40,000.00
Total	**$60,780.63**	**$51,710.00**	**$62,670.00**	**$53,660.00**	**$64,670.00**	**$293,490.63**

The tables on the following pages provide detailed staff hours and direct cost estimates for the 2026 Base Fee. Fees have been increased 3% annually to account for changing salary rates.

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Exhibit B.
Description of Work

See Attached Proposal on next page

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CiorbaGroup
CONSULTING ENGINEERS

September 30, 2025

Mr. Chris Krase
Public Works Superintendent
Village of Buffalo Grove
1650 Leider Lane
Buffalo Grove, Illinois 60089

Subject: **Sanitary Sewer Systems Annual Documentation and Compliance Proposal for Engineering Services**

Dear Mr. Krase:

Per your request, Ciorba Group, Inc. has prepared a proposal for **Engineering Services for Sanitary Sewer Systems Annual Documentation and Compliance.** Our Scope of Services is outlined in Exhibit A, which we understand to include the following:

Annual Engineering Services: Engineering support services will be for a five-year period and will include assistance to the Village in execution of the Long Term Operation and Maintenance Program (LTOMP) including: Assisting in risk assessment and emergency program development; Review annual map updates for completeness; Annual operational review of lift stations; Basin system capacity evaluation updates; Smoke testing / dye water testing / flow metering in problem areas; Review of Village's annual rehabilitation program; Research of funding opportunities; Review of ordinance changes from a technical standpoint; Annual MWRD reporting.

The engineering fee for the five-year service period is not to exceed **$293,490.63**. Actual time on the project will be invoiced. A breakdown of the fee is provided in Exhibit C.

Should you have any questions please contact me at 773-892-9795. We appreciate the opportunity of submitting this proposal to the Village.

Sincerely,
Ciorba Group, Inc.

Luke A. Mattson, P.E.
Water Resources Project Manager II

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8725 W. Higgins Road, Suite 600
Chicago, IL 60631
P 773.775.4009
F 773.775.4014
ciorba.com

EXHIBIT A – SCOPE OF SERVICES

The 5-year scope of services follows the outline of Metropolitan Water Reclamation District (MWRD) Technical Guidance Manual (TGM), Article 8 – Infiltration and Inflow Control Program, which is the technical guiding document used to develop the Village's current Long Term Operation and Maintenance Program (LTOMP) on file with MWRD. Only those sections relevant to the scope of this proposal are outlined below. Sections from the TGM that have been omitted from the scope below are assumed to include activities handled completely by the Village without outside engineering assistance. Similar activities are assumed to be required in the Lake County Sanitary Sewer Service Areas within the Village.

805 – Item 1.d: Sewer System Management - SSO/BB Notification Program

A summary of Sanitary Sewer Overflows (SSOs) and Basement Backups (BBs) must be provided to MWRD annually. Information about each SSO and BB that occurs within a sanitary sewer system, whether in the private or public sector, must be recorded on the *Sanitary Sewer Overflow or Basement Backup Satellite Entity Internal Summary Form*. Ciorba Group will assist in the completion and review of these annual forms for the Village. Similar reporting will be developed for Lake County.

805 – Item 1.e: Sewer System Management – Emergency Preparedness and Response

The TGM indicates that the collection system should have a risk assessment, identifying areas where the collection system is vulnerable to failure, as well as the effect failure would have on system operation, equipment, public safety and health. This risk assessment should consider the vulnerability of the system to extreme weather events, other natural disasters, work stoppages, accidents, and improper maintenance or negligence. Ciorba Group will complete a risk assessment as a part of the sewer system capacity evaluation at the rate of one basin per year.

805 – Item 2: Mapping

Satellite entities are required to have an accurate, current map of their sanitary sewer system. Maintenance of the sewer map by updating all relevant information about the collection system is vital including information on mainline sewers and force mains; manholes and cleanouts; lift stations, siphons, diversion structures, overflows and bypasses; Building and house laterals connection points to the mainline sewer; service area boundaries; roads, water bodies, etc.; connections to District facilities; all relevant elevations, diameters, sizes, and materials of the above; and the footprint of buildings served by the public sewer system). Ciorba Group will conduct an annual review of the Village's map and provide input on updates based on the activities and information gathered for the preceding year.

805 – Item 3.c: Equipment and Collection System Maintenance – Lift Stations
805 – Item 3.d: Equipment and Collection System Maintenance – Force Mains

Information regarding lift station operation and equipment should be maintained to the fullest extent possible. Key operational parameters should be maintained in an organized and accessible manner and should be readily available to operators at all times. Ciorba Group will complete annual inspections of the Village's lift stations to identify maintenance activities for the upcoming year and potential capital projects. This will include a pump station calibration by reviewing metered or calculated flows and other data that can be extracted from the local panel or historic SCADA data.

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805 – Item 5: Sewer System Capacity Evaluation

There are 28 identified sewer service basins in the Lake County portion of the Village and 17 identified sewer service basins in Cook County. Ciorba Group will conduct a capacity evaluation of selected basins annually, utilizing the data gathered from inspections and testing for the given basin up to the time of the evaluation.

805 – Item 6: Sewer System Inspection and Condition Assessment

The Cook County sewer system in the Village is made up of approximately 209,127 linear feet of mainline and 1,043 manholes. In the past ten years, approximately 128,000 feet and 489 manholes have been inspected by a combination of smoke testing, dye testing, and visual inspection in the Cook County basins. Furthermore, the Village has planned in their LTOMP to televise 2-5% of the system annually. To supplement the televising work, in order to further investigate problem areas, Ciorba Group proposes to the following annual activities:

Activity	Years	Description
Review Televising Reports	Annually	2-5% per year completed separately by Village.
Smoke Testing	2026, 2028, 2030	Approximately 30,000 feet every other year.
Manhole Inspections	Annually	Approximately 30 per year.

805 – Item 7: Sewer System Rehabilitation and Updating CIP

A sewer system rehabilitation program should be established with the objective of maintaining the conveyance capacity of the sewer system. The Village has a process in place to create an annual capital improvement plan that includes projects to address I&I issues in the system based on priority, location, funding, and failure consequence. Ciorba Group proposes to review the annual program with respect to the High Priority Deficiencies list, and data gathered through SSO / BB reporting, capacity evaluations, and condition assessments.

805 – Item 8: Funding Plan

Ciorba Group proposes to review funding opportunities annually for the Village including MWRD grant programs, IEPA State Revolving Loan funding, and other agency funding that may become available over the five-year term. Ciorba Group also offers to draft funding nomination forms and preliminary documentation required to secure Village projects on agency intended funding lists.

805 – Item 10: Sewer System Ordinance and Enforcement

Ciorba Group proposes to review ordinance changes from a technical standpoint as it relates to MWRD and Lake County compliance and with respect to new data gathered from annual system assessment, inspection, and maintenance activities.

805 – Flow Monitoring

Flow metering will be a useful tool for the Village to monitor system performance. Flow metering will also be useful in gauging I&I reduction due to the Village lining programs, and will help to pinpoint larger sources of I&I. Ciorba proposes flow metering for a one-month period in years 2027 and 2029 of this contract.

806 – Annual Reporting

Following the annual activities for each year, Ciorba Group will draft annual documentation for submittal to MWRD for Village review and execution. In addition to the MWRD reporting, Ciorba Group will submit an annual report summarizing the activities of the previous year and providing recommendations for the upcoming year. This annual report will be organized based upon the same scope sections of this proposal.

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EXHIBIT B - PROJECT SCHEDULE

The following schedule represents general snapshot of anticipated activities in 2026 and is expected to be repeated in years 2027 – 2030.

TASK NAME	START	FINISH
Fiscal Year Begins	1/1/2026	
Draft Submission of MWRD / Lake County Annual Reports to Village	2/1/2026	
MWRD / Lake County Annual Reports Submission	3/1/2026	
Inspection and Monitoring Activities	3/1/2026	7/1/2026
Assessment and Evaluation Activities	7/1/2026	9/1/2026
CIP and Funding Activities	9/1/2026	10/1/2026
Ciorba Annual Summary Report Submission	10/1/2026	
Village Budget Submission	10/31/2026	

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EXHIBIT C – COST ESTIMATE OF CONSULTANT SERVICES

Ciorba Group proposes the following fees to complete the Sanitary Systems Annual Documentation and Compliance Engineering Services.

Service	2026	2027	2028	2029	2030	5-Year Total
Base Fee	$30,780.63	$31,710.00	$32,670.00	$33,660.00	$34,670.00	$163,490.63
Smoke Testing	$30,000.00	-	$30,000.00	-	$30,000.00	$90,000.00
Flow Metering	-	$20,000.00	-	$20,000.00	-	$40,000.00
Total	**$60,780.63**	**$51,710.00**	**$62,670.00**	**$53,660.00**	**$64,670.00**	**$293,490.63**

The tables on the following pages provide detailed staff hours and direct cost estimates for the 2026 Base Fee. Fees have been increased 3% annually to account for changing salary rates.

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Cost Estimate of Consultant Services
(Direct Labor Multiple)

Firm Ciorba Group, Inc. Date 09/23/25

ITEM	MANHOURS (A)	PAYROLL (B)	(3+R) TIMES PAYROLL (C)	DIRECT COSTS (D)	SERVICES BY OTHERS (E)	TOTAL (C+D+E)	% OF GRAND TOTAL
Meetings, Data Collection & Coordination	8	$ 625.25	$ 1,875.75	$ 140.00		$ 2,015.75	7%
Water Resources	134	$ 7,348.23	$ 22,044.68	$ 260.00		$ 22,304.68	72%
QC / QA	8	$ 720.00	$ 2,160.00	$ -		$ 2,160.00	7%
Project Management & Administration	16	$ 1,433.40	$ 4,300.20	$ -		$ 4,300.20	14%
TOTALS	166	$ 10,126.88	$ 30,380.63	$ 400.00		$ 30,780.63	100%

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		Activity		Grand Total	Project Manager III	Project Manager II	Engineer II	Engineer I
		TOTAL		166	16	50	50	50
1.		Meetings, Data Collection & Coordination	Task Total:	8		6	2	
	0110	Meetings	Meetings:	8		6	2	
		Meetings with Owner (Water Resources)		8		6	2	
3.		Water Resources	Task Total:	134		36	48	50
	0340	Sanitary Sewer	Subtotal:	108		26	40	42
		Sewer System Management - SSO/BB Notification Program		6		2	2	2
		Sewer System Management – Emergency Preparedness and Response		6		2	2	2
		Mapping		14		2	4	8
		Equipment and Collection System Maintenance		26		6	10	10
		Sewer System Capacity Evaluation		20		4	8	8
		Sewer System Inspection and Condition Assessment		26		6	10	10
		Sewer System Rehabilitation and Updating CIP		6		2	2	2
		Funding Plan		4		2	2	
	0360	Permits	Subtotal:	26		10	8	8
		Sewer System Ordinance and Enforcement		2		2		
		Annual Reporting		24		8	8	8
9.		QC / QA	Task Total:	8	8			
	0910	QC / QA	Subtotal:	8	8			
		Water Resources QC/QA		8	8			
10.		Project Management & Administration	Task Total:	16	8	8		
	1010	Project Management & Administration	Subtotal:	16	8	8		
		Project Administration		8	8			
		Project Management		8		8		

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DIRECT COSTS SUMMARY

Meetings, Data Collection & Coordination

Description	Unit	Unit Cost	Quantity	Extended Cost	
Vehicle (mileage)	mile	$ 0.700	200	$ 140.00	
				$ 140.00	**Total**

Water Resources 0

Description	Unit	Unit Cost	Quantity	Extended Cost	
Vehicle (day)	day	$ 65.00	4	$ 260.00	
				$ 260.00	**Total**

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EXHIBIT C. Insurance

Consultant 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 Consultant, his agents, representatives, employees or subcontractors.

A. Minimum Scope 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

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.

B. Minimum Limits of Insurance: Consultant 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.

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 Consultant shall procure a bond guaranteeing payment of losses and related investigation, claim administration and defense expenses.

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D. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

1. The Consultant'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 Consultant's insurance and shall not contribute with it.
2. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Village, its officials, agents, employees and volunteers.
3. The Consultant's insurance shall contain a Severability of Interests/Cross Liability clause or language stating that Consultant'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.
4. If any commercial general liability insurance is being provided under an excess or umbrella liability policy that does not "follow form," then the Consultant shall be required to name the Village, its officials, employees, agents and volunteers as additional insureds
5. All general liability coverages shall be provided on an occurrence policy form. Claims-made general liability policies will not be accepted.
6. The Consultant 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

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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 Consultant 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

Consultant 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.

The Certificate of Insurance shall state the Village of Buffalo Grove has been endorsed as an "additional insured" by the Vendor's insurance carrier. Specifically, this Certificate must include the following language: **"The Village of Buffalo Grove, and it's respective elected and appointed officials, employees, agents, consultants, attorneys and representatives, are, and have been endorsed, as an additional insured under the above reference policy number_____ on a primary and non-contributory basis for general liability and automobile liability coverage for the duration of the agreement term."**

H. Subcontractors

Consultant 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. Assumption of Liability

The Consultant assumes liability for all injury to or death of any person or persons including employees of the Consultant, 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.

J. 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 Consultant for the municipality.

K. Failure to Comply

In the event the Consultant 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 Consultant.

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ORDINANCE 2026-xxx

AN ORDINANCE AUTHORIZING THE VILLAGE TO EXECUTE A CONTRACT FOR ENGINEERING SERVICES WITH CIORBA GROUP INC. FOR SANITARY SEWER SYSTEMS ANNUAL DOCUMENTATION AND COMPLIANCE

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

WHEREAS the Village seeks to authorize the Village Manager to execute a five year contract with Ciorba Group Inc., for Sanitary Sewer Systems Annual Documentation and Compliance, subject to final review and approval by the Village Attorney,

WHEREAS the Village identified Ciorba Group Inc. as a consultant qualified for these services, in 2023 during a Qualifications Based Selection Process,

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 five year contract with Ciorba Group Inc. for a price not to exceed $293,490.63 for Sanitary Sewer Systems Annual Documentation and Compliance, subject to final 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: _____, 2026
APPROVED: _____, 2026
PUBLISHED: _____, 2026

ATTEST: APPROVED:

_____ _____
Janet M. Sirabian, Village Clerk Eric N. Smith, Village President

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AGENDA ITEM SUMMARY

BUFFALO GROVE VILLAGE BOARD

Regular Meeting: January 5, 2026

AGENDA ITEM 9.d. O-2026-9
Ordinance Authorizing a Contract with Bolder Contractors LLC for the Northern Old Lake County Street and Water Improvements Project

Contacts

Liaison: Trustee Weidenfeld
Staff: Briget Schwab

Staff Recommendation

Staff recommends approval.

Recommended Motion

I move to approve an Ordinance authorizing the execution of a Contract with Bolder Contractors, LLC for the Northern Old Lake County Streets and Water Improvements Project, pending final review by the Village Attorney.

Summary

Staff recommends that the Village Board award the contract to Bolder Contractors, LLC at a price not to exceed $5,867,334.39 as the firm is the lowest qualified bidder for the work proposed. 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 $533,394.04 (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 $5,333,940.35. This project is funded by Water/Sewer and General Funds.

The Northern Old Lake County Street & Water Improvements Project was advertised for bids and opened on December 11th, 2025, where 7 qualifying bids were received. The project includes water main replacement, storm sewer improvements, spot sanitary sewer replacement, curb replacement, spot sidewalk replacement and full roadway asphalt replacement. The lowest qualified base bid was submitted by Bolder Contractors, LLC in the amount of $5,176,727.85. To address recurring restoration issues cited by residents in previous years, the Department solicited an alternate bid for sodding rather than standard seeding and hydro-mulch. Bolder Contractors provided a qualified alternate bid of $157,212.50, bringing the total project value to $5,333,940.35. By selecting this option, the Department will significantly reduce the base bid's restoration pay items (seeding and hydro-mulch); causing the projected net fiscal impact of transitioning to sod to be only a $35,000 increase overall.

Attached is a copy of the Tabulation of Bids for the project indicating the lowest, total qualified bid of $5,333,940.35 from Bolder Contractors, LLC. Also demonstrated in the attachment is an engineer's estimate of $6,001,578.00. This project represents the bulk of the Village's effort toward water main replacement and street rehabilitation in 2026, with the project starting in late winter and ending in August.

Strategic Alignment

Guiding Principle

Principle 3: Plan and Invest in the Future

Goal

Goal 1: Maintained effective village government: fiscally responsible and providing outstanding, responsive services

File Attachments

1. Draft Ordinance - Northern Old Lake County Award
2. Draft Contract - Northern Old Lake County Street and Water Improvements
3. Bid Recommendation - Northern Old Lake County Street and Water Improvements
4. Bid Tabulation - Northern Old Lake County Street and Water Improvements

ORDINANCE 2026-xxx

AN ORDINANCE AUTHORIZING A CONSTRUCTION CONTRACT WITH BOLDER CONTRACTORS LLC FOR THE NORTHERN OLD LAKE COUNTY STREET & WATER IMPROVEMENTS PROJECT

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 contract with Bolder Contractors LLC for the Northern Old Lake County Street & Water Improvements Project,

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 President is authorized to execute a contract with Bolder Contractors LLC for the Northern Old Lake County Street & Water Improvements Project at a price not to exceed $5,867,334.39, 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: _____, 2026
APPROVED: _____, 2026
PUBLISHED: _____, 2026

ATTEST:

_____
Janet M. Sirabian, Village Clerk

APPROVED:

_____
Eric N. Smith, Village President

DRAFT

Illinois Department of Transportation

Local Public Agency Formal Contract

Contractor's Name
Bolder Contractors, LLC

Contractor's Address	City	State	Zip Code
316 Cary Point Drive	Cary	IL	60013

STATE OF ILLINOIS

Local Public Agency	County	Section Number
Village of Buffalo Grove	Lake	

Street Name/Road Name	Type of Funds
Northern Old Lake County Street and Water Improvements	General (Local)

☒ CONTRACT BOND (when required)

For a County and Road District Project

Submitted/Approved
Highway Commissioner Signature & Date

Submitted/Approved
County Engineer/Superintendent of HighwaysSignature & Date

For a Municipal Project

Submitted/Approved/Passed
Signature & Date

Official Title

Department of Transportation

☐ Concurrence in approval of award
Regional Engineer Signature & Date

Local Public Agency	Local Street/Road Name	County	Section Number
Village of Buffalo Grove	Northern Old Lake County Street and W	Lake	

1. THIS AGREEMENT, made and concluded the 5th (Day) day of January 2026 (Month and Year) between the Village (Local Public Agency Type) of Buffalo Grove (Local Public Agency), known as the party of the first part, and Bolder Contractors, LLC (Contractor), its successor, and assigns, known as the party of the second part.

2. For and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring this contract, the party of the second part agrees with said party of the first part, at its own proper cost and expense, to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this contract.

3. It is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section _____ (Section Number) in Village of Buffalo Grove (Local Public Agency), approved by the Illinois Department of Transportation on _____ (Date), are essential documents of this contract and are a part hereof.

4. IN WITNESS WHEREOF, the said parties have executed this contract on the date above mentioned.

Attest: The Village (Local Public Agency Type) of Buffalo Grove (Name of Local Public Agency)

Clerk Signature & Date

(SEAL, if required by the LPA)

Party of the First Part Signature & Date

By:

(If a Corporation)

Corporate Name

President, Party of the Second Part Signature & Date

By:

(SEAL, if required by the LPA)

(If a Limited Liability Corporation)

LLC Name

Manager or Authorized Member, Party of the Second Part

By:

(If a Partnership)

Partner Signature & Date

Attest:

Secretary Signature & Date

Partner Signature & Date

Partners doing Business under the firm name of

(SEAL, if required by the LPA)

Party of the Second Part

(If an individual)

Party of the Second Part Signature & Date

Illinois Department of Transportation

Contract Bond

Local Public Agency	County	Street Name/Road Name	Section Number
Village of Buffalo Grove	Lake	Various Street Segments	

Bond information to be returned to Local Public Agency at 50 Raupp Boulevard, Buffalo Grove, IL 60089 .
Complete Address

We, Bolder Contractors, LLC, 316 Cary Point Drive, Cary, Illinois, 60013
Contractor's Name and Address

a/an Corporation organized under the laws of the State of Illinois as PRINCIPAL, and
State

Surety Name and Address

as SURETY, are held and firmly bound unto the above Local Public Agency (thereafter referred to as "LPA") in the penal sum of

Five Million Eight Hundred Sixty Seven Thousand Three Hundred Thirty Four and Thirty Nine Cents ----------

Dollars ($5,867,334.39) lawful money of the United States, to be paid to said LPA, the payment of which we bind ourselves, successors and assigns jointly to 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 has entered into a written contract with the LPA acting through its awarding authority for the construction of work on the above sections, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money.

NOW, THEREFORE, if the said Principal shall perform said work in accordance with the terms of said contract, and shall pay all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery furnished to it for the purpose of constructing such work, and shall commence and complete the work within the time prescribed in said contract, and shall pay and discharge all damages, direct and indirect, that may be suffered or sustained on account of such work during the time of the performance thereof and until the said work shall have been accepted, and shall hold the LPA and its awarding authority harmless on account of any such damages and shall in all respects fully and faithfully comply with all the provisions, conditions and requirements of said contract, then this obligation shall be void; otherwise it shall remain in full force and effect.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective agents this _____ day of _____ .
Day Month and Year

PRINCIPAL

Company Name	Company Name
By	By
Signature & Date	Signature & Date
Attest	Attest
Signature & Date	Signature & Date

(If PRINCIPAL is a joint venture of two or more contractors, the company names and authorized signature of each contractor must be affixed.)

STATE OF IL

COUNTY OF _____

I, _____ , a Notary Public in and for said county, do hereby certify that
Notary Name

_____
Insert name of Individuals signing on behalf of PRINCIPAL

who is/are each personally known to me to be the same person(s) whose name(s) is/are subscribed to the foregoing instrument on behalf of PRINCIPAL, appeared before me this day in person and acknowledged respectively, that he/she/they signed and delivered said instrument freely and voluntarily for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____ .
Day Month, Year

Notary Public Signature & Date

(SEAL)

Date commission expires _____

SURETY

Name of Surety

Title

By:

STATE OF IL

COUNTY OF _____

I, _____ , a Notary Public in and for said county, do hereby certify that
Notary Name

_____
Insert name of Individuals signing on behalf of SURETY

who is/are each personally known to me to be the same person(s) whose name(s) is/are subscribed to the foregoing instrument on behalf of SURETY, appeared before me this day in person and acknowledged respectively, that he/she/they signed and delivered said instrument freely and voluntarily for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____ .
Day Month, Year

Notary Public Signature & Date

(SEAL)

Date commission expires _____

Approved this _____ day of _____ .
Day Month, Year

Attest:

Local Public Agency Clerk Signature & Date

Clerk

Local Public Agency Type

Awarding Authority

Awarding Authority Signature & Date

Illinois Department of Transportation

Local Public Agency Proposal Bid Bond

Local Public Agency	County	Section Number
Village of Buffalo Grove	Lake	N/A

WE, Bolder Contractors, LLC as PRINCIPAL, and Fidelity and Deposit Company of Maryland 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 11th (Day) of December, 2025 (Month and Year)

Principal

Company Name	Company Name
Bolder Contractors, LLC	
Signature & Date	Signature & Date
By: 12/11/2025	By:
Title	Title
Robert Gwiasda -	

(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
Fidelity and Deposit Company of Maryland	By: 12/11/2025
	James I. Moore

STATE OF IL

COUNTY OF DuPage

I Maria A Gonzalez, a Notary Public in and for said county do hereby certify that Robert Gwiasda & James I. Moore

(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 11th (Day) day of December, 2025 (Month and Year).

(SEAL, OFFICIAL SEAL
MARIA A GONZALEZ
NOTARY PUBLIC, STATE OF ILLINOIS
WILL COUNTY
MY COMMISSION EXPIRES 09/25/2026)

Notary Public Signature & Date

Date commission expires 9/25/2026

Local Public Agency	County	Section Number
Village of Buffalo Grove	Lake	N/A

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

ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by Christopher Nolan, Vice President, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Martin MOSS, Tariese M. PISCIOTTO, Kelly A. GARDNER, Melissa SCHMIDT, Stasha KING, Jennifer J. MCCOMB, James I. MOORE of Downers Grove, Illinois,** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings**,** and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 04th day of April, A.D. 2025.

SEAL SEAL SEAL

ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

By: Christopher Nolan
Vice President

By: Dawn E. Brown
Secretary

State of Maryland
County of Baltimore

On this 04th day of April, A.D. 2025, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Christopher Nolan, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Genevieve M. Maison
Notary Public
My Commission Expire January 27, 2029

Authenticity of this bond can be confirmed at bondvalidator.zurichna.com or 410-559-8790

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify of revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 11th day of December, 2025.

Mary Jean Pethick
Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
reportsfclaims@zurichna.com
800-626-4577

Authenticity of this bond can be confirmed at bondvalidator.zurichna.com or 410-559-8790

ADDENDUM 01
FOR
2025 NORTHERN OLD LAKE COUNTY STREET AND WATER IMPROVEMENTS
VILLAGE OF BUFFALO GROVE, IL
VoBG-2025-15

Date of Addendum: **Friday, December 5, 2025**
Bid Due Date: **9:00 AM, Thursday, December 11, 2025**

Description of Addendum:

The following items provide additional clarification and modifications to the bid documents and are made part of the bid documents for the Village of Buffalo Grove's '2025 Northern Old Lake County Street and Water Improvements'. It is the bidder's responsibility to review all bid documents thoroughly in preparation of their bid. Additionally, this addendum shall be attached to the bid proposal.

Plan & Specification Modifications or Clarifications:

1. A revised Schedule of Prices is included with this addendum. **This shall replace the respective Schedule of Prices previously included in the bid documents.**

2. A revised plan set is included with this addendum. **This shall replace the respective plan set previously included in the bid documents.**

3. Construction layout will be performed by the Engineer.

   Below are questions we have received from Bidders through December 5, 2025:

4. Comment: For the disposal of dirt associated with placing the 4" topsoil ....is this paid for? The spec does not mention it for the seed pay item but it does for the sod?
   Response: Per the plans and contract documents, a maximum of four inches of topsoil shall be placed within the disturbed parkways. Per General Condition 44, all earth excavation required to complete this project to the lines, grades, and cross sections shall not be paid for separately but shall be included in the cost of the item requiring the excavation.

5. Comment: Is recycled material allowed? I think the answer is no but the att spec says its allowed ca6, ca11
   Response: Per the contract documents, crushed concrete may not be used for roadway base course or aggregate base repair. At the direction of the Engineer, crushed concrete may be used for driveway and sidewalk subbase granular material but shall be supplied from an IDOT approved source and material. Recycled materials may not be used in bedding or trench backfill.

6. Comment: Is a plumber required for the watermain services?
   Response: The Contractor is required to comply with all local, state, and federal requirements as noted on the plans and contract documents regarding the installation of water services.

7. Comment: They do not make a 21" wmq pvc storm sewer, will have to be 21" rcp w gasket or 20" pvc c900. Can you comment on that?
   Response: The plan set and bid form have been updated to show 21" RCP W/ RUBBER GASKETS in replacement of all 21" WMQ PVC STORM SEWER.

8. Comment: Regarding the 10% letter of credit. This will be a substantial dollar amount. Can this be lowered, the dollar amount, or a bond provided instead?
   Response: No, a Letter of Credit will be required.

9. Comment: The plan detail suggests that the watermain pipe be bed to 12" over as incidental but the specifications do not mention that. Is 12" of ca11 over the watermain pipe incidental?
   Response: Yes, per the plans and contract documents.

10. Comment: Given all the concrete replacement and water services, I feel like 5000sy of landscaping is not enough. Are we held to a certain restoration limit on the water service work? Assuming for the concrete work we are allowed 3 feet back of curb?
    Response: No, the contractor will not be held to any particular limit. However, damage to the existing landscape shall be kept to a minimum – excessive damage will not be paid for. Up to 3 feet of landscape restoration at the back of curb will be acceptable. The updated bid form reflects a larger quantity.

PLEASE NOTE AND INCLUDE THIS ADDENDUM IN YOUR RESPONSE:

PROSPECTIVE RESPONDER: Boyer

SIGNED: _____ DATE: 12/5/25

End of Addendum 01

Illinois Department of Transportation

VoBG-2025-15
Local Public Agency
Formal Contract Proposal

COVER SHEET

Proposal Submitted By:

Contractor's Name: Bolder Contractors

Contractor's Address: 316 Cary Pt. Drive | City: Cary | State: IL | Zip Code: 60013

STATE OF ILLINOIS

Local Public Agency: Village of Buffalo Grove | County: Lake | Section Number:

Route(s) (Street/Road Name): Northern Old Lake County Street and Water Improvements | Type of Funds: General (Local)

☐ 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	Lake		Northern Old Lake County Stre

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of www.vbg.org/bids
Name of Office

Address until 9:00 AM Time on 12/11/25 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/cO2tL Address at 9:00 AM Time on 12/11/25 Date.

DESCRIPTION OF WORK

Location	Project Length
Belmar Lane, Ridgefield Lane, Indian Spring Lane, Dunham Lane	5,942' (1.13 miles)

Proposed Improvement

Water Main & Service Line Replacement; Pavement Removal; Earth Excavation; Preparation of Base; Aggregate Base Course; Aggregate Base Repair; Curb and Gutter Removal and Replacement; Sidewalk Removal and Replacement; Driveway Apron Removal and Replacement; Hot-Mix Asphalt Binder and Surface Course(s); 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:
   a. Local Public Agency Formal Contract Proposal (BLR 12200)
   b. Schedule of Prices (BLR 12201)
   c. Proposal Bid Bond (BLR 12230) (if applicable)
   d. Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
   e. 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	Lake		Northern Old Lake County Stree

PROPOSAL

1. Proposal of Bolder Contractors
Contractor's Name
316 Cary Pt. Dr Cary IL 60013
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 09/04/26 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	Lake		Northern Old Lake County Stree

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 or 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	Lake		Northern Old Lake County Stree

SIGNATURES

(If an individual)

Bidder Signature & Date

Business Address

City | State | Zip Code

(If a partnership)

Firm Name: Bolder Contractors LLC

Signature & Date: [signature] 12/10/25

Title: Manager

Business Address: 316 Cary Pt. Dr

City: Cary | State: IL | Zip Code: 60013

Insert the Names and Addresses of all Partners

Robert Gwiazda
Rod Rankins

(If a corporation)

Corporate Name

Signature & Date

Title

Business Address

City | State | Zip Code

Insert Names of Officers

President

Attest:

Secretary

Secretary

Treasurer

SCHEDULE OF PRICES

Base Bid Scope of Work:
For the complete scope of work and information covering these items, see the plans and specifications.

NORTHERN OLD LAKE COUNTY STREET AND WATER IMPROVEMENTS

The following Unit Prices will be used for basis of payment and shall be the bidder's proposal for completing the entire improvements herein.

BASE BID

ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE
1	Tree Removal (6 to 15 Units Diameter)	6.0	UN	$ 120.00	$ 720.00
2	Tree Removal (Over 15 Units Diameter)	20.0	UN	$ 120.00	$ 2,400.00
3	Tree Trunk Protection	137.0	EA	$ 80.00	$ 10,960.00
4	Tree Root Pruning	137.0	EA	$ 70.00	$ 9,590.00
5	Removal and Disposal of Unsuitable Material	320.0	CY	$ 40.00	$ 12,800.00
6	Trench Backfill, Coarse Aggregate, CA-11 (Special)	6,280.0	CY	$ 1.00	$ 6,280.00
7	Geotechnical Fabric For Ground Stabilization	17,845.0	SY	$ 1.50	$ 26,767.50
8	General Landscape Restoration (Special)	6,250.0	SY	$ 19.00	$ 118,750.00
9	Temporary Mulch, Method 3A (Special)	6,250.0	SY	$ 0.25	$ 1,562.50
10	Temporary Erosion Control Seeding (Special)	6,250.0	SY	$ 0.25	$ 1,562.50
11	Mowing (Special)	4.0	EA	$ 500.00	$ 2,000.00
12	Supplemental Watering	20.0	UN	$ 28.00	$ 560.00
13	Inlet Filters	62.0	EA	$ 220.00	$ 13,640.00
14	Aggregate Subgrade Improvement	320.0	CY	$ 60.00	$ 19,200.00
15	Subbase Granular Material, Type B, CA-11, 4" (Special)	2,820.0	SY	$ 11.00	$ 31,020.00
16	Aggregate Base Course, Type B Varies (Special)	12,840.0	TN	$ 1.00	$ 12,840.00
17	Temporary Aggregate Surface Course (Special)	5,670.0	SY	$ 0.01	$ 56.70
18	Preparation of Base	2,610.0	SY	$ 3.00	$ 7,830.00
19	Bituminous Materials (Tack Coat)	4,615.0	LBS	$ 0.01	$ 46.15
20	Pavement Removal (Special)	17,500.0	SY	$ 10.00	$ 175,000.00
21	Hot-Mix Asphalt Binder Course (Special)	2,520.0	TN	$ 82.00	$ 206,640.00
22	Hot-Mix Asphalt Surface Course (Special)	2,020.0	TN	$ 88.00	$ 177,760.00
23	Portland Cement Concrete Driveway Pavement, 6 Inch	2,470.0	SY	$ 69.00	$ 170,430.00
24	Portland Cement Concrete Sidewalk, 5 Inch	12,625.0	SF	$ 9.30	$ 117,412.50
25	Detectable Warnings (Furnished by Others) (Special)	160.0	SF	$ 8.00	$ 1,280.00
26	Portland Cement Concrete Median Surface, 4 Inch	24.0	SF	$ 40.00	$ 960.00
27	Driveway Pavement Removal (Special)	2,470.0	SY	$ 12.00	$ 29,640.00
28	Combination Curb and Gutter Removal	11,160.0	FT	$ 6.00	$ 66,960.00
29	Thermoplastic Pavement Marking - Line 12"	125.0	FT	$ 30.00	$ 3,750.00
30	Sidewalk Removal	12,945.0	SF	$ 2.00	$ 25,890.00
31	Storm Sewers, Rubber Gasket, Class A, Type 1, 12"	60.0	FT	$ 120.00	$ 7,200.00
32	Storm Sewers, Rubber Gasket, Class A, Type 1, 15"	10.0	FT	$ 200.00	$ 2,000.00
33	Storm Sewers, Rubber Gasket, Class A, Type 1, 21"	320.0	FT	$ 160.00	$ 51,200.00
34	Water Main 6" (Special)	10.0	FT	$ 350.00	$ 3,500.00
35	Water Main 8" (Special)	2,650.0	FT	$ 290.00	$ 768,500.00
36	Water Main 8" (Furnished by Others) (Special)	3,325.0	FT	$ 245.00	$ 814,625.00

ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE
37	Water Valves 8" (Special)	5.0	EA	$ 5,000.00	$ 25,000.00
38	Water Valves 8" (Furnished by Others) (Special)	6.0	EA	$ 3500.00	$ 21,000.00
39	Fire Hydrant Extension (Special)	6.0	EA	$ 1,800.00	$ 10,800.00
40	Fire Hydrant Assembly, Complete (Special)	11.0	EA	$ 14,000.00	$ 154,000.00
41	Fire Hydrant Assembly, Complete (Furnished by Others) (Special)	8.0	EA	$ 8,500.00	$ 68,000.00
42	Combination Concrete Curb and Gutter, Type B-4.12 (Special)	10,110.0	FT	$ 28.00	$ 283,080.00
43	Combination Concrete Curb and Gutter, Type M (Modified) (Special)	350.0	FT	$ 45.00	$ 15,750.00
44	Pipe Underdrains, 4" (Special)	2,600.0	FT	$ 34.00	$ 88,400.00
45	Inlets, Type A, Type 11 Frame and Grate	14.0	EA	$ 6,500.00	$ 91,000.00
46	Catch Basins, Type C, 4'-Diameter, Type 11 Frame and Grate	6.0	EA	$ 8,500.00	$ 51,000.00
47	Manholes, Type A, 4'-Diameter Type 1 Frame and Lid	2.0	EA	$ 9,000.00	$ 18,000.00
48	Valve Vaults, Type A, 5'-Diameter, Type 1 Frame, Closed Lid	11.0	EA	$ 5,000.00	$ 55,000.00
49	Manholes, Sanitary, 4'-Diameter, Type 1 Frame, Closed Lid	1.0	EA	$ 11,000.00	$ 11,000.00
50	Drainage Structure to be Adjusted, Type 1, Closed Lid (Special)	3.0	EA	$ 1,500.00	$ 4,500.00
51	Drainage Structure to be Adjusted, Type 11, Open Grate (Special)	5.0	EA	$ 1,500.00	$ 7,500.00
52	Frames And Lids, Type 1, Closed Lid (Sanitary) (Special)	27.0	EA	$ 1,200.00	$ 32,400.00
53	Mobilization	1.0	LS	$ 310,000.00	$ 310,000.00
54	Drainage & Utility Structure To Be Removed (Special)	22.0	EA	$ 250.00	$ 5,500.00
55	Valve Vaults to be Removed (Special)	9.0	EA	$ 900.00	$ 8,100.00
56	Valve Vaults to be Abandoned (Special)	3.0	EA	$ 600.00	$ 1,800.00
57	Water Valves to be Removed (Special)	10.0	EA	$ 400.00	$ 4,000.00
58	Fire Hydrants to be Removed (Special)	14.0	EA	$ 900.00	$ 12,600.00
59	Sanitary Sewer to be Removed, 18-Inch Diameter or Less (Special)	345.0	FT	$ 20.00	$ 6,900.00
60	Storm Sewer to be Removed, 18-Inch Diameter or Less (Special)	560.0	FT	$ 1.00	$ 560.00
61	Storm Sewer to be Removed, Greater Than 18-Inch Diameter (Special)	320.0	FT	$ 1.00	$ 320.00
62	Connect Into Existing Drainage Structure (Special)	1.0	EA	$ 8,000.00	$ 8,000.00
63	Storm Sewer Connection (Special)	9.0	EA	$ 900.00	$ 8100.00
64	Sanitary Sewer Connection (Special)	7.0	EA	$ 900.00	$ 6,300.00
65	Adjusting Sanitary Sewer Service Line (Special)	605.0	FT	$ 80.00	$ 48,400.00
66	Sanitary Sewer, Water Main Quality Pipe, 6" (Special)	25.0	FT	$ 120.00	$ 3,000.00
67	Sanitary Sewer, Water Main Quality Pipe, 8" (Special)	305.0	FT	$ 140.00	$ 42,700.00
68	Sanitary Sewer Service, 6" PVC, Complete (Special)	35.0	FT	$ 120.00	$ 4,200
69	Sanitary Sewer Service Riser, 6" PVC, Complete (Special)	1.0	EA	$ 825.00	$ 825.00
70	Storm Sewers, Water Main Quality Pipe, 10"	95.0	FT	$ 120.00	$ 11,400.00
71	Storm Sewers, Water Main Quality Pipe, 12"	375.0	FT	$ 120.00	$ 45,000.00
72	Storm Sewers, Water Main Quality Pipe, 15"	40.0	FT	$ 200.00	$ 8,000.00
73	Abandon Existing Water Main (Special)	100.0	CY	$ 200.00	$ 20,000.00
74	Cut and Cap Existing Water Main (Special)	3.0	EA	$ 4,000.00	$ 12,000.00
75	Connection to Existing Water Main (Non-Pressure) - 8" (Special)	1.0	EA	$ 8,000.00	$ 8,000.00
76	Pressure Connection 8" x 8" (Special)	2.0	EA	$ 8,000.00	$ 16,000.00
77	Pressure Connection 6" x 6" (Special)	1.0	EA	$ 7,000.00	$ 7,000.00
78	Type K, Copper Water Service Line, 1" (Special)	2,650.0	FT	$ 12.00	$ 31,800.00
79	Type K, Copper Water Service Line, Insulated, 1" (Special)	1,050.0	FT	$ 14.00	$ 14,700.00
80	Type K, Copper Water Service Line, 1.5" (Special)	25.0	FT	$ 40.00	$ 1,000.00
81	Type K, Copper Water Service Line, 2" (Special)	25.0	FT	$ 50.00	$ 1,250.00

ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE
82	Water Service, Connect Existing, Complete (Special)	121.0	EA	$ 700.00	$ 84,700.00
83	Water Service, Tap, 1" Complete (Special)	119.0	EA	$ 2,100.00	$ 249,900.00
84	Water Service, Tap 1.5" Complete (Special)	1.0	EA	$ 8,000.00	$ 8,000.00
85	Water Service, Tap, 2" Complete (Special)	1.0	EA	$ 10,000.00	$ 10,000.00
86	Buffalo Box Frame & Lid (Special)	8.0	EA	$ 900.00	$ 7,200.00
87	Exploration Excavation (Special)	2.0	EA	$ 3,000.00	$ 6,000.00
88	Traffic Control and Protection (Special)	1.0	LS	$ 310,000.00	$ 310,000.00
89	Temporary Information Signing	130.0	SF	$ 30.00	$ 3,900.00
90	Remove Brick Pavers (Special)	100.0	SF	$ 40.00	$ 4,000.00
91	Mailbox Removal and Reinstallation (Special)	101.0	EA	$ 10.00	$ 1,010.00
92	Remove and Reinstall Wood Sign Post	2.0	EA	$ 400.00	$ 800.00
93	Leak Detection (Special)	1.0	LS	$ 6,600.00	$ 6,000.00

PROPOSAL OF UNIT PRICE BASE BID TOTAL: $ 5,176,727.85

Written Amount for Proposal of Unit Price Base Bid Total:

Five million one hundred seventy six thousand seven hundred twenty seven dollars and eighty five cents

ALTERNATE 01

ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE
1	Sodding (Special)	6,250.0	SY	$ 25.00	$ 156,250.00
2	Supplemental Watering	30.0	UN	$ 30.00	$ 900.00
3	Topsoil Furnish and Place, Variable Depth	6,250.0	SY	$ .01	$ 62.50

PROPOSAL OF UNIT PRICE ALTERNATE 01 BID TOTAL: $ 157,212.50

Written Amount for Proposal of Unit Price Alternate 01 Bid Total:

One hundred fifty seven thousand two hundred twelve dollars, fifty cents

Illinois Department of Transportation

VoBG-2025-15

Affidavit of Illinois Business Office

Local Public Agency	County	Street Name/Road Name	Section Number
Village of Buffalo Grove	Lake	Various	

I, Robert Gwiazda (Name of Affiant) of Cary (City of Affiant), IL (State of Affiant),
being first duly sworn upon oath, state as follows:

1. That I am the Manager (Officer or Position) of Bolder Contractors (Bidder)

2. That I have personal knowledge of the facts herein stated.

3. That, if selected under the proposal described above, Bolder Contractors (Bidder), will maintain a business office in the State of Illinois, which will be located in McHenry (County) County, Illinois.

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: 12/10/25

Print Name of Affiant: Robert Gwiazda

Notary Public

State of IL

County McHenry

Signed (or subscribed or attested) before me on 12/10/25 (date) by

Robert Gwiazda (name/s of person/s), authorized agent(s) of

Bolder Contractors
Bidder

Notary Public Signature & Date

(SEAL)

My commission expires _____

OFFICIAL SEAL
DOUG W ABBEY
Notary Public, State of Illinois
Commission No. 1002985
My Commission Expires January 21, 2029

Completed

Page of

BLR 12326 (Rev. 01/20/23)

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 Complied 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 inlitigation, arbitration, or mediation with a governmental agency? If no, please check the box.

☐ If yes, please provide a brief description. NO

IN WITNESS WHEREOF, the below Contractor has signed and sealed this Contract Statement as of this 10 day of DEC, 2025

BOLDER CONTRACTORS
Print Name of Contractor

Signature

ROBERT GWIAZDA - MANAGER
Print Title

Given under my hand and official seal, this 10 day of DEC, 2025

Notary Public

OFFICIAL SEAL
DOUG W ABBEY
Notary Public, State of Illinois
Commission No. 1002985
My Commission Expires January 21, 2029

Illinois Department of Transportation

VoBG-2025-15

Affidavit of Availability

For the Letting of 12/10/25

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	CRYSTAL LAKE	Addison	Lake County			
Estimated Completion Date	12/15/25	6/1/26	9/1/26			
Total Contract Price	3,276,000	11,600,000	7,000,000			
Uncompleted Dollar Value if Firm is the Prime Contractor	50,000	4,600,000	7,000,000			11,650,000
Uncompleted Dollar Value if Firm is the Subcontractor						
					Total Value of All Work	11,650,000

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		300,000	900,000			1,200,000
Portland Cement Concrete Pavin						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces		50,000				50,000
Highway, R.R., Waterway Struc.						
Drainage	50,000	3,340,000	4,360,000			7,750,000
Electrical						
Cover and Seal Coats						
Concrete Construction			50,000			
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomillin						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals	50,000	3,690,000	5,310,000			9,000,000

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.

Printed

Page of

BC 57 (Rev. 02/16/21)

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		McGINN	STAPLES		
Type of Work		LANDSCAPE	LANDSCAPE		
Subcontract Price		110,000	90,000		
Amount Uncompleted		90,000	90,000		
Subcontractor		BUILDERS	RT UNDERGROUND		
Type of Work		Asphalt	DIRECTIONAL BORING		
Subcontract Price		1,200,000	1,600,000		
Amount Uncompleted		500,000	1,600,000		
Subcontractor		JB DAVID			
Type of Work		CONCRETE			
Subcontract Price		390,000			
Amount Uncompleted		200,000			
Subcontractor		Schroeder			
Type of Work		Excavate			
Subcontract Price		120,000			
Amount Uncompleted		120,000			
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	0	910,000	1,690,000		

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: ROBERT BOLGER

Title: PRES/MANAGER

Signature: [signature]

Date: 12/10/25

Company: BOLGER CONTRACTORS

Address: 316 CARY PT DR

City: CARY

State: IL

Zip Code: 60013

Subscribed and sworn to before me this 10 day of DEC, 2025

[signature]
(Signature of Notary Public)

My commission expires _____

OFFICIAL SEAL
DOUG W ABBEY
Notary Public, State of Illinois
Commission No. 1002985
My Commission Expires January 21, 2029

(Notary Seal)

☐ Add pages for additional contracts

Printed

Illinois Department of Transportation

Check Sheet for Recurring Special Provisions

Local Public Agency	County	Section Number
Village of Buffalo Grove	Lake	

☐ **Check this box for lettings prior to 01/01/2025**

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	79
2	☐	Subletting of Contracts (Federal-Aid Contracts)	82
3	☐	EEO	83
4	☐	Specific EEO Responsibilities Non Federal-Aid Contracts	93
5	☐	Required Provisions - State Contracts	98
6	☐	Asbestos Bearing Pad Removal	104
7	☐	Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	105
8	☐	Temporary Stream Crossings and In-Stream Work Pads	106
9	☐	Construction Layout Stakes	107
10	☐	Use of Geotextile Fabric for Railroad Crossing	110
11	☐	Subsealing of Concrete Pavements	112
12	☐	Hot-Mix Asphalt Surface Correction	116
13	☐	Pavement and Shoulder Resurfacing	118
14	☐	Patching with Hot-Mix Asphalt Overlay Removal	119
15	☐	Polymer Concrete	121
16	☐	Reserved	123
17	☐	Bicycle Racks	124
18	☐	Temporary Portable Bridge Traffic Signals	126
19	☐	Nighttime Inspection of Roadway Lighting	128
20	☐	English Substitution of Metric Bolts	129
21	☐	Calcium Chloride Accelerator for Portland Cement Concrete	130
22	☐	Quality Control of Concrete Mixtures at the Plant	131
23	☐	Quality Control/Quality Assurance of Concrete Mixtures	139
24	☐	Reserved	155
25	☐	Reserved	156
26	☐	Temporary Raised Pavement Markers	157
27	☐	Restoring Bridge Approach Pavements Using High-Density Foam	158
28	☐	Portland Cement Concrete Inlay or Overlay	161
29	☐	Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	165
30	☐	Longitudinal Joint and Crack Patching	168
31	☐	Concrete Mix Design - Department Provided	170
32	☐	Station Numbers in Pavements or Overlays	171

Local Public Agency	County	Section Number
Village of Buffalo Grove	Lake	

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

Check Sheet #			Page No.
LRS 1		**Reserved**	173
LRS 2	☐	Furnished Excavation	174
LRS 3	☒	Work Zone Traffic Control Surveillance	175
LRS 4	☒	Flaggers in Work Zones	176
LRS 5	☒	Contract Claims	177
LRS 6	☒	Bidding Requirements and Conditions for Contract Proposals	178
LRS 7	☐	Bidding Requirements and Conditions for Material Proposals	184
LRS 8		**Reserved**	190
LRS 9	☐	Bituminous Surface Treatments	191
LRS 10		**Reserved**	195
LRS 11	☒	Employment Practices	196
LRS 12	☒	Wages of Employees on Public Works	198
LRS 13	☒	Selection of Labor	200
LRS 14	☐	Paving Brick and Concrete Paver Pavements and Sidewalks	201
LRS 15	☒	Partial Payments	204
LRS 16	☒	Protests on Local Lettings	205
LRS 17	☒	Substance Abuse Prevention Program	206
LRS 18	☐	Multigrade Cold Mix Asphalt	207
LRS 19	☐	Reflective Crack Control Treatment	208

BDE SPECIAL PROVISIONS
For the January 16 and February 27, 2026 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
80475	6	☐	Bridge Deck Concrete Overlays	Jan. 1, 2026	
* 80241	7	☐	Bridge Demolition Debris	July 1, 2009	
* 5053I	8	☐	Building Removal	Sept. 1, 1990	Aug. 1, 2022
* 5026I	9	☐	Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
80460	10	☑	Cement, Finely Divided Minerals, Admixtures, Concrete, and Mortar	Jan. 1, 2025	Jan. 1, 2026
80384	11	☑	Compensable Delay Costs	June 2, 2017	April 1, 2019
* 80198	12	☐	Completion Date (via calendar days)	April 1, 2008	
* 80199	13	☐	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80461	14	☐	Concrete Barrier	Jan. 1, 2025	
80453	15	☐	Concrete Sealer	Nov. 1, 2023	
80261	16	☑	Construction Air Quality – Diesel Retrofit	June 1, 2010	Jan. 1, 2025
80476	17	☐	Deck Slab Repair	Jan. 1, 2026	
* 80029	18	☐	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Jan. 2, 2025
80467	19	☐	Erosion Control Blanket	Aug. 1, 2025	
80229	20	☐	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
80452	21	☐	Full Lane Sealant Waterproofing System	Nov. 1, 2023	
80433	22	☐	Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
80471	23	☐	Guardrail	Nov. 1, 2025	
80472	24	☐	High Friction Surface Treatment	Nov. 1, 2025	
80456	25	☑	Hot-Mix Asphalt	Jan. 1, 2024	Jan. 1, 2026
80446	26	☐	Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
80438	27	☐	Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	April 2, 2024
80477	28	☐	Longitudinal Tining	Jan. 1, 2026	
80450	29	☐	Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	Aug. 1, 2025
80478	30	☐	Modified Longitudinal Construction Joint	Jan. 1, 2026	
80464	31	☐	Pavement Marking	April. 1, 2025	Nov. 1, 2025
80468	32	☐	Pavement Patching	Aug. 1, 2025	
80441	33	☐	Performance Graded Asphalt Binder	Jan. 1, 2023	
80459	34	☐	Preformed Plastic Pavement Marking	June 2, 2024	
* 3426I	35	☐	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
80473	36	☐	Raised Reflective Pavement Markers	Nov. 1, 2025	
80455	37	☐	Removal and Disposal of Regulated Substances	Jan. 1, 2024	April 1, 2024
80474	38	☐	Residential Driveway Temporary Signal	Nov. 1, 2025	
80445	39	☐	Seeding	Nov. 1, 2022	
80457	40	☐	Short Term and Temporary Pavement Markings	April 1, 2024	April 2, 2024
80462	41	☑	Sign Panels and Appurtenances	Jan. 1, 2025	Jan. 1, 2026
80479	42	☐	Sinusoidal Rumble Strips	Jan. 1, 2026	
80469	43	☐	Slope Wall	Aug. 1, 2025	
80448	44	☐	Source of Supply and Quality Requirements	Jan. 2, 2023	Jan. 1, 2026
80340	45	☐	Speed Display Trailer	April 2, 2014	Jan. 1, 2022
80127	46	☐	Steel Cost Adjustment	April 2, 2004	Nov. 1, 2025
80480	47	☐	Structural Repair of Concrete	Jan. 1, 2026	
80397	48	☐	Subcontractor and DBE Payment Reporting	April 2, 2018	
80391	49	☑	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
80463	50	☐	Submission of Bidders List Information	Jan. 2, 2025	Mar. 2, 2025
80437	51	☐	Submission of Payroll Records	April 1, 2021	Nov. 2, 2023

	80435	52	☐	Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
	80465	53	☑	Surveying Services	April 1, 2025	
	80481	54	☐	Temporary Concrete Barrier	Jan. 1, 2026	
	80466	55	☐	Temporary Rumble Strips	April 1, 2025	
	80470	56	☐	Traffic Signal Backplate	Aug. 1, 2025	
*	20338	57	☐	Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429	58	☐	Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	59	☑	Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80458	60	☐	Waterproofing Membrane System	Aug. 1, 2024	
	80302	61	☐	Weekly DBE Trucking Reports	June 2, 2012	Jan. 2, 2025
	80454	62	☐	Wood Sign Support	Nov. 1, 2023	
	80427	63	☑	Work Zone Traffic Control Devices	Mar. 2, 2020	Jan. 1, 2026
*	80071	64	☐	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 2026 Supplemental Specifications and Recurring Special Provisions.

File Name	Special Provision Title	New Location(s)	Effective	Revised
80447	Grading and Shaping Ditches	Articles 214.03 & 214.04	Jan. 1, 2023	

CEMENT, FINELY DIVIDED MINERALS, ADMIXTURES; CONCRETE, AND MORTAR (BDE)

Effective: January 1, 2025

Revise the first paragraph of Article 285.05 of the Standard Specifications to read:

"**285.05 Fabric Formed Concrete Revetment Mat.** The grout shall consist of a mixture of cement, fine aggregate, and water so proportioned and mixed as to provide a pumpable slurry. Fly ash or ground granulated blast furnace (GGBF) slag, and concrete admixtures may be used at the option of the Contractor. The grout shall have an air content of not less than 6.0 percent nor more than 9.0 percent of the volume of the grout. The mix shall obtain a compressive strength of 2500 psi (17,000 kPa) at 28 days according to Article 1020.09."

Revise Article 302.02 of the Standard Specifications to read:

"**302.02 Materials.** Materials shall be according to the following.

	Item	Article/Section
(a)	Cement	1001
(b)	Water	1002
(c)	Hydrated Lime	1012.01
(d)	By-Product, Hydrated Lime	1012.02
(e)	By-Product, Non-Hydrated Lime	1012.03
(f)	Lime Slurry	1012.04
(g)	Fly Ash	1010
(h)	Soil for Soil Modification (Note 1)	1009.01
(i)	Bituminous Materials (Note 2)	1032

Note 1. This soil requirement only applies when modifying with lime (slurry or dry).

Note 2. The bituminous materials used for curing shall be emulsified asphalt RS-2, CRS-2, HFE 90, or HFE 150; rapid curing liquid asphalt RC-70; or medium curing liquid asphalt MC-70 or MC-250."

Revise Article 312.07(c) of the Standard Specifications to read:

"(c) Cement ..... 1001"

Add Article 312.07(i) of the Standard Specifications to read:

"(i) Ground Granulated Blast Furnace (GGBF) Slag ..... 1010"

Revise the first paragraph of Article 312.09 of the Standard Specifications to read:

"**312.09 Proportioning and Mix Design.** At least 60 days prior to start of placing CAM II, the Contractor shall submit samples of materials to be used in the work for proportioning and testing.

The mixture shall contain a minimum of 200 lb (120 kg) of cement per cubic yard (cubic meter). Cement may be replaced with fly ash or ground granulated blast furnace (GGBF) slag according to Article 1020.05(c)(1) or 1020.05(c)(2), respectively, however the minimum cement content in the mixture shall be 170 lbs/cu yd (101 kg/cu m). Blends of coarse and fine aggregates will be permitted, provided the volume of fine aggregate does not exceed the volume of coarse aggregate. The Engineer will determine the proportions of materials for the mixture according to the "Portland Cement Concrete Level III Technician Course" manual. However, the Contractor may substitute their own mix design. Article 1020.05(a) shall apply, and a Level III PCC Technician shall develop the mix design."

Revise Article 352.02 of the Standard Specifications to read:

"**352.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Cement (Note 1)	1001
(b) Soil for Soil-Cement Base Course	1009.03
(c) Water	1002
(d) Bituminous Materials (Note 2)	1032

Note 1. Bulk cement may be used for the traveling mixing plant method if the equipment for handling, weighing, and spreading the cement is approved by the Engineer.

Note 2. The bituminous materials used for curing shall be emulsified asphalt RS-2, CRS-2, HFE 90, or HFE 150; rapid curing liquid asphalt RC-70; or medium curing liquid asphalt MC-70 or MC-250."

Revise Article 404.02 of the Standard Specifications to read:

"**404.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fine Aggregate	1003.08
(d) Bituminous Material (Tack Coat)	1032.06
(e) Emulsified Asphalts (Note 1) (Note 2)	1032.06
(f) Fiber Modified Joint Sealer	1050.05
(g) Additives (Note 3)	

Note 1. When used for slurry seal, the emulsified asphalt shall be CQS-1h according to Article 1032.06(b).

Note 2. When used for micro-surfacing, the emulsified asphalt shall be CQS-1hP according to Article 1032.06(e).

Note 3. Additives may be added to the emulsion mix or any of the component materials to provide the control of the quick-traffic properties. They shall be included as part of the mix design and be compatible with the other components of the mix.

Revise the last sentence of the fourth paragraph of Article 404.08 of the Standard Specifications to read:

"When approved by the Engineer, the sealant may be dusted with fine sand, cement, or mineral filler to prevent tracking."

Revise Note 2 of Article 516.02 of the Standard Specifications to read:

"Note 2. The sand-cement grout mix shall be according to Section 1020 and shall be a 1:1 blend of sand and cement comprised of a Type I, IL, or II cement at 185 lb/cu yd (110 kg/cu m). The maximum water cement ratio shall be sufficient to provide a flowable mixture with a typical slump of 10 in. (250 mm)."

Revise Note 2 of Article 543.02 of the Standard Specifications to read:

"Note 2. The grout mixture shall be 6.50 hundredweight/cu yd (385 kg/cu m) of cement plus fine aggregate and water. Fly ash or ground granulated blast furnace (GGBF) slag may replace a maximum of 5.25 hundredweight/cu yd (310 kg/cu m) of the cement. The water/cement ratio, according to Article 1020.06, shall not exceed 0.60. An air-entraining admixture shall be used to produce an air content, according to Article 1020.08, of not less than 6.0 percent nor more than 9.0 percent of the volume of the grout. The Contractor shall have the option to use a water-reducing or high range water-reducing admixture."

Revise Article 583.01 of the Standard Specifications to read:

"**583.01 Description.** This work shall consist of placing cement mortar along precast, prestressed concrete bridge deck beams as required for fairing out any unevenness between adjacent deck beams prior to placing of waterproofing membrane and surfacing."

Revise Article 583.02(a) of the Standard Specifications to read:

"(a) Cement .....1001"

Revise the first paragraph of Article 583.03 of the Standard Specifications to read:

"**583.03 General.** This work shall only be performed when the air temperature is 45 °F (7 °C) and rising. The mixture for cement mortar shall consist of three parts sand to one part cement by volume. The amount of water shall be no more than that necessary to produce a workable, plastic mortar."

Revise Note 2/ in Article 1003.01(b) of the Standard Specifications to read:

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"2/ Applies only to sand. Sand exceeding the colorimetric test standard of 11 (Illinois Modified AASHTO T 21) will be checked for mortar making properties according to Illinois Modified ASTM C 87 and shall develop a compressive strength at the age of 14 days when using Type I, IL, or II cement of not less than 95 percent of the comparable standard.

Revise the second sentence of Article 1003.02(e)(1) of the Standard Specifications to read:

"The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content ($Na_2O + 0.658K_2O$) of 0.90 percent or greater."

Revise the first sentence of the second paragraph of Article 1003.02(e)(3) of the Standard Specifications to read:

"The ASTM C 1293 test shall be performed with Type I, IL, or II portland cement having a total equivalent alkali content ($Na_2O + 0.658K_2O$) of 0.80 percent or greater."

Revise the second sentence of Article 1004.02(g)(1) of the Standard Specifications to read:

"The test will be performed with Type I, IL, or II portland cement having a total equivalent alkali content ($Na_2O + 0.658K_2O$) of 0.90 percent or greater."

Revise Article 1017.01 of the Standard Specifications to read:

"**1017.01 Requirements.** The mortar shall be high-strength according to ASTM C 387 and shall have a minimum 80.0 percent relative dynamic modulus of elasticity when tested by the Department according to Illinois Modified AASHTO T 161 or AASHTO T 161 when tested by an independent lab. The high-strength mortar shall have a water-soluble chloride ion content of less than 0.40 lb/cu yd (0.24 kg/cu m). The test shall be performed according to ASTM C 1218, and the high-strength mortar shall have an age of 28 to 42 days at the time of test. The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. Mixing of the high-strength mortar shall be according to the manufacturer's specifications. The Department will maintain a qualified product list."

Revise the fourth sentence of Article 1018.01 of the Standard Specifications to read:

"The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department."

Revise Article 1019.02 of the Standard Specifications to read:

"**1019.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002

(c) Fine Aggregate for Controlled Low-Strength Material (CLSM) 1003.06
(d) Fly Ash 1010
(e) Ground Granulated Blast Furnace (GGBF) Slag 1010
(f) Admixtures (Note 1)

Note 1. The air-entraining admixture may be in powder or liquid form. Prior to approval, a CLSM air-entraining admixture will be evaluated by the Department. The admixture shall be able to meet the air content requirements of Mix 2. The Department will maintain a qualified product list."

Revise Article 1019.05 of the Standard Specifications to read:

"**1019.05 Department Mix Design.** The Department mix design shall be Mix 1, 2, or 3 and shall be proportioned to yield approximately one cubic yard (cubic meter).

Mix 1	
Cement	50 lb (30 kg)
Fly Ash – Class C or F, and/or GGBF Slag	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2900 lb (1720 kg)
Water	50-65 gal (248-322 L)
Air Content	No air is entrained

Mix 2	
Cement	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2500 lb (1483 kg)
Water	35-50 gal (173-248 L)
Air Content	15-25 %

Mix 3	
Cement	40 lb (24 kg)
Fly Ash – Class C or F, and/or GGBF Slag	125 lb (74 kg)
Fine Aggregate – Saturated Surface Dry	2500 lb (1483 kg)
Water	35-50 gal (179-248 L)
Air Content	15-25 %"

Revise Article 1020.04, Table 1, Note (8) of the Standard Specifications to read:

"(8) In addition to the Type III portland cement, 100 lb/cu yd of ground granulated blast-furnace slag and 50 lb/cu yd of microsilica (silica fume) shall be used. For an air temperature greater than 85 ºF, the Type III portland cement may be replaced with Type I, IL, or II portland cement."

Revise Article 1020.04, Table 1 (Metric), Note (8) of the Standard Specifications to read:

"(8) In addition to the Type III portland cement, 60 kg/cu m of ground granulated blast-furnace slag and 30 kg/cu m of microsilica (silica fume) shall be used. For an air temperature greater than 30 ºC, the Type III portland cement may be replaced with Type I, IL, or II portland cement."

Revise the second paragraph of Article 1020.05(a) of the Standard Specifications to read:

"For a mix design using a portland-pozzolan cement, portland blast-furnace slag cement, portland-limestone cement, or replacing portland cement with finely divided minerals per Articles 1020.05(c) and 1020.05(d), the Contractor may submit a mix design with a minimum portland cement content less than 400 lbs/cu yd (237 kg/cu m), but not less than 375 lbs/cu yd (222 kg/cu m), if the mix design is shown to have a minimum relative dynamic modulus of elasticity of 80 percent determined according to AASHTO T 161. Testing shall be performed by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete."

Revise the first sentence of the first paragraph of Article 1020.05(b) of the Standard Specifications to read:

"Corrosion inhibitors and concrete admixtures shall be according to the qualified product lists."

Delete the fourth and fifth sentences of the second paragraph of Article 1020.05(b) of the Standard Specifications.

Revise the third sentence of the second paragraph of Article 1020.05(b)(5) of the Standard Specifications to read:

"The qualified product lists of concrete admixtures shall not apply."

Revise second paragraph of Article 1020.05(b)(10) of the Standard Specifications to read:

"When calcium nitrite is used, it shall be added at the rate of 4 gal/cu yd (20 L/cu m) and shall be added to the mix immediately after all compatible admixtures have been introduced to the batch. Other corrosion inhibitors shall be added per the manufacturer's specifications."

Delete the third paragraph of Article 1020.05(b)(10) of the Standard Specifications.

Revise Article 1020.15(b)(1)c. of the Standard Specifications to read:

"c. The minimum portland cement content in the mixture shall be 375 lbs/cu yd (222 kg/cu m). When the total of organic processing additions, inorganic processing additions, and limestone addition exceed 5.0 percent in the cement, the minimum portland cement content in the mixture shall be 400 lbs/cu yd (237 kg/cu m). For a drilled shaft, foundation, footing, or substructure, the

minimum portland cement may be reduced to as low as 330 lbs/cu yd (196 kg/cu m) if the concrete has adequate freeze/thaw durability. The Contractor shall provide freeze/thaw test results according to AASHTO T 161, and the relative dynamic modulus of elasticity of the mix design shall be a minimum of 80 percent. Testing shall be performed by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete. Freeze/thaw testing will not be required for concrete that will not be exposed to freezing and thawing conditions as determined by the Engineer."

Revise Article 1021.01 of the Standard Specifications to read:

"**1021.01 General.** Admixtures shall be furnished in liquid or powder form ready for use. The admixtures shall be delivered in the manufacturer's original containers, bulk tank trucks or such containers or tanks as are acceptable to the Engineer. Delivery shall be accompanied by a ticket which clearly identifies the manufacturer, the date of manufacture, and trade name of the material. Containers shall be readily identifiable as to manufacturer, the date of manufacture, and trade name of the material they contain.

Concrete admixtures shall be on one of the Department's qualified product lists. Unless otherwise noted, admixtures shall have successfully completed and remain current with the AASHTO Product Eval and Audit Concrete Admixture (CADD) testing program. For admixture submittals to the Department; the product brand name, manufacturer name, admixture type or types, an electronic link to the product's technical data sheet, and the NTPEP testing number which contains an electronic link to all test data shall be provided. In addition, a letter shall be submitted certifying that no changes have been made in the formulation of the material since the most current round of tests conducted by AASHTO Product Eval and Audit. After 28 days of testing by AASHTO Product Eval and Audit, air-entraining admixtures may be provisionally approved and used on Departmental projects. For all other admixtures, unless otherwise noted, the time period after which provisionally approved status may be earned is 6 months.

The manufacturer shall include the following in the submittal to the AASHTO Product Eval and Audit CADD testing program: the manufacturing range for specific gravity, the midpoint and manufacturing range for residue by oven drying, and manufacturing range of pH. The submittal shall also include an infrared spectrophotometer trace no more than five years old.

For air-entraining admixtures according to Article 1021.02, the specific gravity allowable manufacturing range established by the manufacturer shall be according to AASHTO M 194. For residue by oven drying and pH, the allowable manufacturing range and test methods shall be according to AASHTO M 194.

For admixtures according to Articles 1021.03, 1021.04, 1021.05, 1021.06, 1021.07, and 1021.08, the pH allowable manufacturing range established by the manufacturer shall be according to ASTM E 70. For specific gravity and residue by oven drying, the allowable manufacturing range and test methods shall be according to AASHTO M 194.

All admixtures, except chloride-based accelerators, shall contain a maximum of 0.3 percent chloride by weight (mass) as determined by an appropriate test method. To verify the test result, the Department will use Illinois Modified AASHTO T 260, Procedure A, Method 1.

Prior to final approval of an admixture, the Engineer reserves the right to request a sample for testing. The test and reference concrete mixtures tested by the Engineer will contain a cement content of 5.65 cwt/cu yd (335 kg/cu m). For freeze-thaw testing, the Department will perform the test according to Illinois Modified AASHTO T 161. The flexural strength test will be performed according to AASHTO T 177. If the Engineer decides to test the admixture, the manufacturer shall submit AASHTO T 197 water content and set time test results on the standard cement used by the Department. The manufacturer may select their lab or an independent lab to perform this testing. The laboratory is not required to be accredited by AASHTO.

Random field samples may be taken by the Department to verify an admixture meets specification. A split sample will be provided to the manufacturer if requested. Admixtures that do not meet specification requirements or an allowable manufacturing range established by the manufacturer shall be replaced with new material."

Revise Article 1021.03 of the Standard Specifications to read:

"**1021.03 Retarding and Water-Reducing Admixtures.** The admixture shall be according to the following.

(a) Retarding admixtures shall be according to AASHTO M 194, Type B (retarding) or Type D (water-reducing and retarding).

(b) Water-reducing admixtures shall be according to AASHTO M 194, Type A.

(c) High range water-reducing admixtures shall be according to AASHTO M 194, Type F (high range water-reducing) or Type G (high range water-reducing and retarding)."

Revise Article 1021.05 of the Standard Specifications to read:

"**1021.05 Self-Consolidating Admixtures.** Self-consolidating admixture systems shall consist of either a high range water-reducing admixture only or a high range water-reducing admixture combined with a separate viscosity modifying admixture. The one or two component admixture system shall be capable of producing a concrete that can flow around reinforcement and consolidate under its own weight without additional effort and without segregation.

High range water-reducing admixtures shall be according to AASHTO M 194, Type F.

Viscosity modifying admixtures shall be according to AASHTO M 194, Type S (specific performance)."

Revise Article 1021.06 of the Standard Specifications to read:

"**1021.06 Rheology-Controlling Admixture.** Rheology-controlling admixtures shall be capable of producing a concrete mixture with a lower yield stress that will consolidate easier for slipform applications used by the Contractor. Rheology-controlling admixtures shall be according to AASHTO M 194, Type S (specific performance)."

Revise Article 1021.07 of the Standard Specifications to read:

"**1021.07 Corrosion Inhibitor.** The corrosion inhibitor shall be according to one of the following.

(a) Calcium Nitrite. Corrosion inhibitors shall contain a minimum 30 percent calcium nitrite by weight (mass) of solution and shall comply with either the requirements of AASHTO M 194, Type C (accelerating) or the requirements of ASTM C 1582. The corrosion inhibiting performance requirements of ASTM C 1582 shall not apply.

(b) Other Materials. The corrosion inhibitor shall be according to ASTM C 1582.

For submittals requiring testing according to ASTM M 194, Type C (accelerating), the admixture shall meet the requirements of the AASHTO Product Eval and Audit CADD testing program according to Article 1021.01.

For submittals requiring testing according to ASTM C 1582, a report prepared by an independent laboratory accredited by AASHTO re:source for portland cement concrete shall be provided. The report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications. However, ASTM G 109 test information specified in ASTM C 1582 is not required to be from an independent accredited lab. All other information in ASTM C 1582 shall be from an independent accredited lab. Test data and other information required to be submitted to AASHTO Product Eval and Audit according to Article 1021.01, shall instead be submitted directly to the Department."

Add Article 1021.08 of the Standard Specifications as follows:

"**1021.08 Other Specific Performance Admixtures.** Other specific performance admixtures shall, at a minimum, be according to AASHTO M 194, Type S (specific performance). The Department also reserves the right to require other testing, as determined by the Engineer, to show evidence of specific performance characteristics.

Initial testing according to AASHTO M 194 may be conducted under the AASHTO Product Eval and Audit CADD testing program according to Article 1021.01, or by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete. In either case, test data and other information required to be submitted to AASHTO Product Eval and Audit according to Article 1021.01, shall also be submitted directly to the Department. The independent accredited lab report shall show the results of physical tests conducted no more than five years prior to the time of submittal, according to applicable specifications."

Revise Article 1024.01 of the Standard Specifications to read:

"**1024.01 Requirements for Grout.** The grout shall be proportioned by dry volume, thoroughly mixed, and shall have a minimum temperature of 50 °F (10 °C). Water shall not exceed the minimum needed for placement and finishing.

Materials for the grout shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fine Aggregate	1003.02
(d) Fly Ash	1010
(e) Ground Granulated Blast Furnace (GGBF) Slag	1010
(f) Concrete Admixtures	1021"

Revise Note 1 of Article 1024.02 of the Standard Specifications to read:

"Note 1. Nonshrink grout shall be according to Illinois Modified ASTM C 1107.

The nonshrink grout shall have a water-soluble chloride ion content of less than 0.40 lb/cu yd (0.24 kg/cu m). The test shall be performed according to ASTM C 1218, and the grout shall have an age of 28 to 42 days at the time of test. The ASTM C 1218 test shall be performed by an independent lab a minimum of once every five years, and the test results shall be provided to the Department. Mixing of the nonshrink grout shall be according to the manufacturer's specifications. The Department will maintain a qualified product list."

Revise Article 1029.02 of the Standard Specifications to read:

"**1029.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Cement	1001
(b) Fly Ash	1010
(c) Ground Granulated Blast Furnace (GGBF) Slag	1010
(d) Water	1002
(e) Fine Aggregate	1003
(f) Concrete Admixtures	1021
(g) Foaming Agent (Note 1)	

Note 1. The manufacturer shall submit infrared spectrophotometer trace and test results indicating the foaming agent meets the requirements of ASTM C 869 in order to be on the Department's qualified product list. Submitted data/results shall not be more than five years old."

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."

Revise the first two sections of Check Sheet #11 of the Supplemental Specifications and Recurring Special Provisions to read:

"Description. This work shall consist of filling voids beneath rigid and composite pavements with cement grout.

Materials. Materials shall be according to the following Articles of Division 1000 - Materials of the Standard Specifications:

Item	Article/Section
(a) Cement	1001
(b) Water	1002
(c) Fly Ash	1010
(d) Ground Granulated Blast Furnace (GGBF) Slag	1010
(e) Admixtures	1021
(f) Packaged Rapid Hardening Mortar or Concrete	1018"

Revise the third paragraph of Materials Note 2 of Check Sheet #28 of the Supplemental Specifications and Recurring Special Provisions to read:

"The Department will maintain a qualified product list of synthetic fibers, which will include the minimum required dosage rate. For the minimum required fiber dosage rate based on the Illinois Modified ASTM C 1609 test, a report prepared by an independent laboratory accredited by AASHTO re:source for Portland Cement Concrete shall be provided. The report shall show results of tests conducted no more than five years prior to the time of submittal."

80460

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: January 1, 2025

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 according to the table below.

Horsepower Range	Model Year and Older
50-99	2003
100-299	2002
300-599	2000
600-749	2001
750 and up	2005

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* (https://www.epa.gov/verified-diesel-tech/verified-technologies-list-clean-diesel), 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
Revised: January 1, 2025

Revise the first and second paragraphs of Articles 1030.06(c)(2) of the Standard Specifications to read:

"(2) Personnel. The Contractor shall provide a QC Manager who shall have overall responsibility and authority for quality control. This individual shall maintain active certification as a Hot-Mix Asphalt Level II technician.

In addition to the QC Manager, the Contractor shall provide sufficient personnel to perform the required visual inspections, sampling, testing, and documentation in a timely manner. Mix designs shall be developed by personnel with an active certification as a Hot-Mix Asphalt Level III technician. Technicians performing mix design testing and plant sampling/testing shall maintain active certification as a Hot-Mix Asphalt Level I technician. The Contractor may provide a technician trainee who has successfully completed the Department's "Hot-Mix Asphalt Trainee Course" to assist in the activities completed by a Hot-Mix Asphalt Level I technician for a period of one year after the course completion date. The Contractor may also provide a Gradation Technician who has successfully completed the Department's "Gradation Technician Course" to run gradation tests only under the supervision of a Hot-Mix Asphalt Level II Technician. The Contractor shall provide a Hot-Mix Asphalt Density Tester who has successfully completed the Department's "Nuclear Density Testing" course to run all nuclear density tests on the job site."

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}."

Revise Article 1030.09(g)(2) of the Standard Specifications to read:

"(2) The Contractor shall complete split verification sample tests listed in the Limits of Precision table in Article 1030.09(h)(1)."

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

SIGN PANELS AND APPURTENANCES (BDE)

Effective: January 1, 2025
Revised: January 1, 2026

Add Article 720.02(c) of the Standard Specifications to read:

"(c) Aluminum Epoxy Mastic .....1008.03"

Revise the second and third paragraphs of Article 720.02 of the Standard Specifications to read:

"The sign mounting support channel shall be manufactured from steel or aluminum and shall be according to Standard 720001.

Steel support channels shall be according to ASTM A 1011 (A 1011M), ASTM A 635 (A 635M), ASTM A 568 (A 568M), or ASTM A 684 (A 684M), and shall be galvanized. Galvanizing shall be according to ASTM A 653 (A 653M) when galvanized before fabrication, and AASHTO M 111 (M 111M) when galvanized after fabrication. Field or post fabricated drilled holes shall be spot painted with one coat of aluminum epoxy mastic paint prior to installation."

Revise the fifth paragraph of Article 720.02 of the Standard Specifications to read:

"The stainless steel banding for mounting signs or sign support channels to light or signal standards shall be according to ASTM A 240 (A 240M) Type 302 stainless steel."

Revise the first sentence of the tenth paragraph of Article 720.03 of the Standard Specifications to read:

"The backs of all sign panels shall be marked in a manner designed to last as long as the sign face material, in letters and numerals at least 3/8 in. (9.5 mm) but no more than 3/4 in. (19 mm) in height with the month and year of manufacture, the name of the sign manufacturer, the name of the sign sheeting manufacturer, the method of manufacture ("screened", "EC film", "direct applied", or "digital print"), and the initials IDOT."

Revise the first sentence of the fourth paragraph of Article 1091.03(a)(10) of the Standard Specifications to read:

"Transparent colors screened, or transparent acrylic electronic cutting films, or digital printing on white sheeting, shall meet the minimum initial coefficient of retroreflection values of the 0.2 degree observation angle, -4.0 degree entrance angle values as listed in the previous tables for the color being applied."

Add the following after the fourth paragraph of Article 1091.03(a)(10) of the Standard Specifications:

"Digitally printed signs shall be produced using digital print technologies and ink systems, products and processes that comply with the sheeting manufacturer's recommendation. The digitally printed signs shall be fabricated with a full sign protective overlay film designed to provide a smooth surface needed for retroreflectivity, and to protect the sign from fading and UV degradation. The overlaminate shall comply with the sheeting manufacturer's recommendations to ensure proper adhesion and transparency."

Add the following after the third paragraph of Article 1106.01 of the Standard Specifications:

"Digitally printed signs may omit protective overlay film."

80462

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

SURVEYING SERVICES (BDE)

Effective: April 1, 2025

Delete the fourth paragraph of Article 667.04 of the Standard Specifications.

Delete Section 668 of the Standard Specifications.

80465

VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE)

Effective: November 1, 2021
Revised: November 1, 2022

Add the following paragraph after the first paragraph of Article 701.08 of the Standard Specifications:

"The Contractor shall equip all vehicles and equipment with high-intensity oscillating, rotating, or flashing, amber or amber-and-white, warning lights which are visible from all directions. In accordance with 625 ILCS 5/12-215, the lights may only be in operation while the vehicle or equipment is engaged in construction operations."

80439

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020
Revised: January 1, 2025

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 shall be MASH compliant.

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 shall be MASH compliant.

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 compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant

with NCHRP 350, 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 sign supports, speed feedback displays, 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 compliant is available, an NCHRP 350 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."

80427

Illinois Department of Transportation

Special Provisions

Local Public Agency	County	Section Number
Village of Buffalo Grove	Lake	

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.

Northern Old Lake County Street and Water Improvements

TABLE OF CONTENTS
FOR CONTRACT GENERAL CONDITIONS AND 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. Construction Sequencing
12. Pre-Construction Meeting
13. Sub-Contracting
14. Authority of the Engineer
15. Status of Utilities
16. Maintenance of Roadways and Erosion Control
17. Construction Staging and Maintenance of Base Course
18. Period of Establishment
19. Protection of Mailboxes
20. Saw Cutting
21. Use of Fire Hydrants
22. Existing Hardscape
23. Tree Protection and Preservation
24. Use of the Work Site
25. Indemnification
26. Insurance Requirements
27. Accidents
28. No Assignment
29. Default
30. Delays
31. Compliance With Laws
32. No Waiver of Rights
33. Termination of the Contract
34. Controlling Law and Venue
35. Miscellaneous
36. Application For Payment

37. Retainage and Waivers
38. Certified Payroll Reports
39. Monetary Penalties
40. Weekly Progress Meeting and Schedule Updates
41. Public Notification
42. Maintenance Letter of Credit
43. Water and Sewer Services
44. Earth Excavation
45. Final Site Inspection
46. Permits and Licenses
47. Red Line As-Builts

Special Provisions

1. Trench Backfill, Coarse Aggregate, CA-11 (Special)
2. General Landscape Restoration (Special)
3. Temporary Landscape Restoration (Special)
4. Subbase Granular Material, Type B
5. Aggregate Base Course, Type B Varies (Special)
6. Temporary Aggregate Surface Course (Special)
7. Pavement Removal
8. Hot-Mix Asphalt Leveling Binder, Binder Course, and Surface Course (Special)
9. Detectable Warnings (Furnished by Others)
10. Driveway Pavement Removal
11. Water Main
12. Water Main (Furnished by Others)
13. Water Valves
14. Water Valves (Furnished by Others)
15. Fire Hydrant Assembly, Complete (Special)
16. Fire Hydrant Assembly, Complete (Furnished by Others) (Special)
17. Combination Concrete Curb and Gutter
18. Pipe Underdrains
19. Drainage Structures to be Adjusted
20. Frames and Lids, Type 1, Closed Lid (Sanitary)
21. Drainage and Utility Structures to be Removed
22. Valve Vaults and Valve Boxes to be Removed
23. Valve Vaults to be Abandoned
24. Water Valves to be Removed
25. Fire Hydrants to be Removed
26. Sanitary/Storm Sewer to be Removed (Special)

27. Frames and Lids (Sanitary)
28. Connect Into Existing Drainage Structure
29. Storm Sewer Connection
30. Connect Into Existing Sanitary Manhole
31. Sanitary Sewer Connection
32. Adjusting Sanitary/Storm Services (Special)
33. Sanitary Sewers
34. Sanitary Sewer Service
35. Sanitary Sewer Service Riser
36. Storm Sewer, Water Main Quality
37. Abandon Existing Water Main (Special)
38. Cut and Cap Existing Water Main
39. Connection to Existing Water Main (Non-Pressure)
40. Pressure Connection
41. Water Service, Type K Copper, of the size specified (Special)
42. Water Service, Connect to Existing, Complete (Special)
43. Water Service, Tap, of the size specified, Complete (Special)
44. Buffalo Box Frame & Lid (Special)
45. Exploration Excavation (Special)
46. Traffic Control and Protection (Special)
47. Remove Brick Pavers
48. Mailbox Removal and Reinstallation
49. Leak Detection (Special)
50. Sodding (Special)

IDOT District One - Special Provisions

1. Adjustments and Reconstructions (D-1)
2. Friction Aggregate (D-1)
3. Ground Tire Rubber (GTR) Modified Asphalt Binder (D-1)
4. Hot-Mix Asphalt (D-1)
5. Hot-Mix Asphalt Binder and Surface Course (D-1)
6. Hot-Mix Asphalt – Mixture Design Verification and Production (D-1)
7. Temporary Information Signing (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 Northern Old Lake County Street and Water Improvements Project. Such reductions or additions, if any, shall be made in writing by the Village prior to execution of the Contract Documents. Any 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 Village 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 or www.bidnetdirect.com//villageofbuffalogrove
b. Click on the tab, Open Solicitations and select the project description, 'Northern Old Lake County Street and Water Improvements Project'.
c. Log in to your account and enter your total bid.
d. Include an attachment (up to 200 MB), the following bid documents:
    i. Local Public Agency Formal Contract Proposal
    ii. Schedule of Prices
    iii. Local Agency Proposal Bid Bond
    iv. Affidavit of Illinois Business Office
    v. Affidavit of Availability
    vi. 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/cO2tL

Meeting ID: 291 779 679 230 5
Passcode: Mn3je2SW

7. Village Contractor Registration

Bidders shall be prequalified with the Illinois Department of Transportation in accordance with Article 102.01 of the Standard Specifications and is required by all bidders.

All bidders are required to fully register with the Village of Buffalo Grove, including IRS Form W-9, at:

https://www.bidnetdirect.com/illinois/villageofbuffalogrove

OR

www.vbg.org/bids
Select the link 'Register Now'

Please contact BidNet Direct's Vendor Support department at (800) 835-4603 (Option 2) 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, 10 days following the execution of the contract. 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 substantially complete all work in the contract by **Friday, September 4, 2026** including landscape restoration, as defined in Article 108.04 of the Standard Specifications.

Following substantial completion, the Contractor shall provide the Engineer written notice in accordance with Article 105.13 of the Standard Specifications. The Contractor will have fourteen (14) calendar days to correct any deficiencies following the scheduled final inspection and punch list submittal by the Engineer.

In case of failure to complete the work on time by the interim completion date, final completion date, working days, and/or the deficient punch list items, the provisions of Article 108.09 of the Standard Specifications shall apply, **except regardless of the contract amount, the daily charge shall be $2,000 per calendar day overrun.**

The estimated Village Board award date for this project is Monday, January 5, 2026 with an anticipated commencement date of Monday, February 16, 2026.

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 Sundays or legal holiday periods as defined in article 107.09 of the Standard Specifications.

No work shall be permitted on Saturday's unless prior written approval is granted by the Village. All requests to work on a Saturday shall be submitted by 4:00 PM, the Wednesday prior to the date requested. If work is allowed, it shall be confined to the period beginning at 8:00 AM to 6:00 PM. The completion date shall be reduced by one (1) full calendar day for each Saturday the Contractor elects to work, regardless if the Saturday worked is a full or partial working day.

Any work outside the allowed time periods in accordance with the Village Ordinance, including but not limited to, material deliveries, mobilization of equipment, warming up machinery, or truck staging, a penalty of $1,000 per occurrence may be imposed.

11. Construction Sequencing

With the project's positioning between Ivy Hall Elementary School and Checker Rd/IL Route 83, this part of the neighborhood – in particular, Ridgefield Ln, Dunham Ln, and Indian Spring Ln - sees a significant amount of traffic at the beginning and end of the school day. From February through the end of May, the Village expects that the neighborhood will be kept easily navigable as the majority of the construction activities will involve water main, water services, storm sewer, sanitary sewer, etc. As these activities wrap up and road removal and reconstruction commences, the Village wants to be certain that its residents will not be left without a clear path to and from the school.

For this reason, the Contractor shall be responsible for completing all new sidewalk, curb, and binder paving on Ridgefield Ln, Dunham Ln, and Indian Spring Ln by August 14, 2026. In case of failure to complete this work on, provisions of General Condition 8 shall be applied. Furthermore, whenever school is in session, construction efforts shall not occur on both Ridgefield Ln and Dunham Ln at the same time. The Contractor shall utilize proper traffic control, including "Road Closed to Thru Traffic" signs on type 3 barricades, and a temporary detour route during working hours, to clearly indicate which of the two roads is open for traffic.

12. Pre-Construction Meeting

Prior to commencing any construction operations, there shall be a pre-construction meeting. The Village 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 administrating 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.*

*Shop drawings and mix designs for concrete and bituminous items to be installed on the project shall be submitted to the Village no less than ten (10) calendar days from the effective notice to proceed dated letter or the scheduled date of the pre-construction meeting, whichever occurs earlier. A monetary penalty of $500 may be imposed for each required submittal thereafter.

13. Sub-Contracting

Add the following to the end of ARTICLE 108.01 SUBCONTRACTING.

"The apparent low Bidder on a "Request for Approval of a Subcontractor" (BC 260a) form shall submit to the office of Engineer within ten (10) calendar days after the receipt of bids, a list of the names of Bidder's proposed subcontractors along with a description of the work to be performed by each. The Village will then review and reserves the right to reject the use of any subcontractor on the project due to past performance or the apparent inability to properly perform the item of work."

14. 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.

15. Status of Utilities

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.

This list represents potential utility conflicts determined by the Design Engineer. A response has not been provided by the responsible agency to-date.

Stage/Location	Type	Description	Responsible Agency

The following contact information is what was used during the preparation of the plans as provided by the owner of the facility. The Design JULIE locate request was submitted on June 2, 2025 by the Design Engineer.

Agency/Company Responsible to Resolve Conflict	Name of Contact	Phone	E-mail address
AT&T Distribution	Kari Martin		
Comcast	Ted Wyman	(224) 229-5862	ted_wyman@comcast.com
ComEd	Quinanda Candler	(630) 576-7094	
Nicor Gas	Karey Johnson	(224) 471-9356	karejohn@southernco.com

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. The Design JULIE locate request was submitted on June 2, 2025 by the Design Engineer.

(See previous Contact Information Table above.)

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.

16. Maintenance of Roadways and Erosion Control

Beginning on the date that the Contractor begins work on this project, he shall assume responsibility for normal maintenance of all existing roadways and trenches 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 contract documents.

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, throughout the project limits and adjacent streets. At the direction of the Engineer, a professional street sweeper may be requested on a weekly basis or as deemed necessary by the Village or 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.

No excavations shall be left open during non-work hours unless approved by the Engineer and adequately protected from the public.

The Contractor will be required over the course of construction to clean inlet filter baskets weekly or prior to a forecasted rain event. Many of the homes in the Village have lower garages and are susceptible to damage when streets flood. The Contractor shall be held liable for any damage to private structures if it is determined that the damage was due to the Contractor's neglect as specified herein. In the event water is not properly running through inlet filter baskets caused by debris, the Village crews may respond to resident calls about street flooding. Any Village expense occurred in labor or materials responding to these calls will be back charged to the Contractor and deducted from a future pay request.

The Contractor will be required to perform erosion control best management practices as listed on the plans, specifications, and details during construction. Discharge of sediment-laden water or construction debris into the storm sewer system or waterways will not be permitted and subjected to a monetary penalty as noted in the monetary penalties general condition. In addition, the Contractor will be responsible for cleaning all storm sewer systems and waterways to their preconstruction condition to the satisfaction of the Engineer. In the event of an illicit discharge, regardless of blame, the Contractor shall concentrate their work efforts on remedying the situation to correct the deficiency.

The work zone shall be maintained in accordance with Section 701 of the Standard Specifications. Negligence by the Contractor to follow these minimum guidelines that result in or cause damage to Village equipment during snow fall removal or any other similar Village operation will be the direct responsibility of the Contractor to repair. The repair will be completed by the Village and the cost of the repair will be deducted from the next pay request due to the Contractor.

It shall be the Contractor's responsibility to properly store and protect materials and equipment from damage resulting from snow removal and salt application operations. If it is determined by the Village or Engineer that new materials that were supposed to be permanently incorporated in the work were damaged or deemed unacceptable due to the Contractor's negligence to adhere to the above, the unacceptable material shall be removed immediately from the site of the work according to Section 106 of the Standard Specifications and no additional compensation shall be allowed to replace the new materials in-kind.

Within 24 hours following snow removal operations within the project limits, the Contractor shall be required to clean the project site and adjacent roadways of any loose materials that were inadvertently displaced. This includes, but is not limited to, the pavement area, curb line, driveway pavement, sidewalk, and parkways. If the Contractor does not comply with this requirement, a monetary penalty of $1,000 per calendar day will be imposed for failure to provide the maintenance of roadway in a timely manner.

All operations by the Contractor such as flushing, dewatering, leaking water trucks or equipment, repairs to broken water services or water main, or similar that cause freezing of water on the pavement or sidewalk shall be maintained by salting, sanding or removal of the condition by the Contractor to the satisfaction of 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.

17. Construction Staging and Maintenance of Base Course

All pavement removal, curb installation, and hot-mix asphalt binder installation shall be completed in accordance with Section(s) 202, 406, 423, 440, and 606 of the Standard Specifications and as specified herein.

Pavement removal and hot-mix asphalt binder course placement shall be staged in a manner to minimize the exposure of vehicular traffic over the existing base course following pavement removal.

No pavement removal operations shall commence if rain is in the forecast within the following five working days. If the Contractor does not follow this requirement, any disking, drying or undercut operations required by the Engineer to provide a sufficient subbase prior to paving shall be completed by the Contractor at no additional cost to the Village.

Roadways excavated to subgrade and/or subbase material shall have the hot-mix asphalt binder course installed within seven (7) calendar days from the first day of pavement removal on that respective street segment.

There shall be no placement of hot-mix asphalt permitted on scheduled days of refuse pickup. The Contractor shall be responsible for determining the current refuse schedule and incorporating it into their progress schedule accordingly.

No resident shall be without driveway access and no sidewalk shall be barricaded or closed for more than seven (7) calendar days unless specifically listed otherwise in the plans or herein.

Prior to driveway access impediment due to proposed curb and gutter or driveway pavement operations, the Contractor shall be required to deliver resident notification letters approved by the Engineer to each respective residence or business owner notifying them of the day and time they will not be able to get in and out of their driveway. After the new concrete curb has set, the Contractor shall install all required forms for installation of the driveway pavement for inspection by the Engineer. The Contractor is required to install curb and driveway pavement within two (2) calendar days of each other. Example: If the curb is poured on Monday the driveways will be required to be poured on the same day after the curb is set or on Tuesday. If the curb in front of the resident is not being replaced the Contractor shall frame and pour the driveway on the same day. The driveways shall be properly barricaded until the concrete is sufficiently cured. If, at the discretion of the Engineer, the driveway requires that the old aggregate base course be removed and replaced, it shall be completed prior to pouring the new concrete combination curb & gutter or not until after it has been allowed to cure for a minimum of three (3) calendar days, or after the concrete has reached 2,500 psi as verified by cylinder breaks. Any additional cylinders cast and testing costs associated with this verification shall be included in the cost of the contract. Proposed portland cement concrete sidewalk shall follow the same timeframe as noted above.

If the Contractor does not install proposed concrete curb, driveway pavement, and/or sidewalk in the time frame specified herein, a monetary penalty of $250 per calendar day will be imposed for each day, and each occurrence the work is not completed.

The Contractor will be required to furnish and install a temporary ramp immediately following pavement removal operations. Each ramp shall be installed the full driveway width of material determined by the Contractor. Each temporary ramp shall be removed prior to paving operations, the respreading of stone on the base or paving over hot-mix asphalt ramps will not be allowed. If the Contractor fails to install or maintain a temporary ramp in a timely manner, a monetary penalty of $250 per calendar day will be imposed.

The Contractor shall make themselves aware of the surroundings and of private property. The Village will not tolerate entering private property or driving equipment/vehicles on a driveway within the public right of way to remain for any reason during construction unless prior approval has been granted by the property owner. The Contractor will incur a monetary penalty of $500 per occurrence as determined by the Engineer for violation of this requirement.

18. Period of Establishment

This work shall include all labor, material, and equipment necessary to furnish and install pulverized topsoil, seed, fertilizer nutrients and Mulch Method 3A in accordance with Sections 211, 250, 251, and 252 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 roadway, and be free from clods, stones, sticks, and debris.

The Contractor shall furnish and place the IDOT class of seed specified, and be produced and tested in the current year, be of good quality, and free of weeds. Fertilizer nutrients shall be applied at a 1:1 ratio in accordance with Article 250.04 of the Standard Specifications. Within 24 hours of seed placement, mulch shall be placed by method 3A in accordance with Article 251.03(d) 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 Village or Engineer will inspect the landscaped area and if deemed unsatisfactory or have less than 90% growth, 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.

Upon project completion and expiration of the second period of establishment noted above, any additional failure by the Contractor to achieve a healthy growth of vegetation as defined will be considered failure to complete the project on time and liquidated damages will be applied accordingly.

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.

The Village and the Contractor share a mutual interest in achieving restoration acceptance as quickly as possible. To encourage timely and satisfactory completion, the Village will offer a financial incentive for restoration accepted by the Village within the specified 60-day timeframe. This incentive will be provided by increasing the quantity of the GENERAL LANDSCAPE RESTORATION (SPECIAL) pay item up to 125% of the field-installed and agreed-upon quantity, resulting in a potential 25% monetary bonus to the Contractor.

At the sole discretion of the Village, if certain areas beyond the Contractor's control prevent full acceptance, but the Village determines that the Contractor made an above-average effort in establishing the majority of the restoration in accordance with the acceptance requirements, a reduced incentive may be awarded. This incentive provision does not restrict the Village's right to assess monetary penalties or enforce other provisions of this special provision.

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.

19. Protection of Mailboxes

The Contractor shall take all necessary precautions when working near mailboxes within or adjacent to the project limits. If at the Contractors 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 Village, 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 the above Provisions will not be paid for separately, but shall be considered as included in the unit prices bid and no additional compensation will be allowed.

The Contractor shall refer to the mailbox installation detail included in appendix A for installation requirements.

The Contractor must maintain access for both residents and mail carriers to all mailboxes throughout the duration of the project.

20. 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.

21. Use of Fire Hydrants

The indiscriminate use of fire hydrants is strictly prohibited. The Contractor can obtain non-potable water in bulk for not charge at Buffalo Grove's self-serve Water Station located at 851 Krause Drive. All water obtained at no charge shall be exclusively used for the Village of Buffalo Grove projects. The Contractor shall provide a water truck or containment and driver to obtain and transport the water. 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 will be imposed.

22. 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 bid documents with limits specified in the Maintenance Letter of Credit general condition. The Engineer and Village shall determine the limit of removal and replacement operations, and all work shall be completed to the satisfaction of the Engineer.

23. Tree Protection and Preservation

This work shall consist of pruning existing trees, shrubs, or bushes in accordance with Section 201 of the Standard Specifications, except as modified herein.

Breaking off branches of plant material to remain during clearing or construction operations will not be allowed. Preceding any existing tree pruning or trimming operations, the Contractor shall demonstrate that there is no other practical method to complete the work and request permission from the Engineer. All pruning shall be done according to the current ANSI A300 (Part 1) – Pruning Standard.

All branches and foliage pruned or trimmed shall be disposed of off-site in accordance with Article 202.03 of the Standard Specifications.

All existing trees larger than 6" in diameter and not specifically designated for removal, which are removed or damaged due to the Contractor's neglect, shall be inspected by the Village Forester or his designated representative. For each infraction that causes damage to a tree, a monetary penalty of $1,000 may be imposed and the replacement of the damaged tree required, depending on the extent of injury caused to each tree. No replacement tree shall have a diameter of less than 3" or more than 6", unless authorized by the Village of Buffalo Grove. All new plantings shall be completed in accordance with Section 253 of the Standard Specifications.

24. Use of the Work Site

The 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.

25. 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.

26. 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.

27. 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.

28. 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.

29. 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.

30. 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.

31. 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.

32. 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.

33. 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.

34. 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.

35. 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*.

36. 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.

37. 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.

38. 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 amdow@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.

39. 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	$250	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/Occurrence Per Day
Failure to Provide Weekly Update to Engineer/Maintain Schedule	$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.

40. Weekly Progress Meeting and Schedule Updates

The Contractor will be required to provide weekly schedule updates with the anticipated schedule for the following week by 3:00PM every Thursday starting ten (10) calendar days after contract execution and continuing until the project is formally accepted by the Village. The Contractor will be required to submit an initial weekly schedule update with the anticipated schedule the Thursday prior to construction commencement; if the Contractor fails to submit this initial notice, no work shall be permitted to begin. The weekly progress update shall be emailed to the Resident Engineer and Village project representative. The Contractor shall make every effort to maintain the schedule within one (1) calendar day of delay, excluding weather or unforeseen circumstances. Failure to maintain the schedule may result in a monetary penalty of $1,000 per calendar day if it is determined that substantial effort to maintain the schedule is not made.

If, at the discretion of the Village or Engineer, a mandatory weekly progress meeting may be scheduled to coordinate anticipated work. This meeting will be held on Thursday following receipt of the weekly progress update. If the Contractor fails to attend a mandatory weekly meeting requested by the Village or Engineer a monetary penalty of $1,000 per occurrence will be imposed.

41. 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. 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 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 information:

- 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 requirement is not met, work shall not commence**. All letters must be approved by the Village or Engineer prior to and for each individual distribution occurrence**. 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.

42. Maintenance Letter of Credit

The Contractor will be required to post a Letter of Credit 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 Letter of Credit 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 drawing from the Letter of Credit. 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 Letter of Credit shall cover all necessary repairs or replacements as deemed necessary by the Village due to poor workmanship, failed materials, any settlement, excessively spalled, chert popped or cracked concrete, storm, sanitary and water main failures, restoration establishment, and other items as completed by the Contractor under the Contract.

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 30 calendar days 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 Letter of Credit any damages incurred by the Village to perform the repairs.

43. Water and Sewer Services

The Village of Buffalo Grove will not locate private water and sewer service lines as part of the JULIE notification system. The property owner is the owner of these services from the building to the main and are exempt from the JULIE system.

The Contractor is fully responsible for protecting all utilities near or in their excavation area and shall make themselves fully aware of the exact location of each utility; marked or not marked. The Contractor may elect to locate any and all utilities marked or unmarked, at their expense. Repeated damage to service lines will need to be repaired from the main to the right-of-way as directed by the Engineer. The Contractor shall be responsible for repairs to all damaged utilities incurred as determined by the Village or Engineer.

All repairs to damaged water and sewer service lines shall be completed with material equal to, including size, of the existing service. Connections of dissimilar materials shall be made with stainless steel non-shear mission couplings or appropriate flare couplings for water services. All fittings for copper water service lines shall be of the "flare" type regardless of temporary or permanent use. Any damage to existing water service lines during construction shall be repaired with the existing main under pressure. The Contractor shall have a crimping tool and e-z out or freeze kit on-site to make repairs as required. Repair of service lines in this manner shall only be performed on lines that will be abandoned as part of this project, if applicable.

The Contractor shall refer to the Village of Buffalo Grove Materials List in Appendix A for all material requirements. This work shall not be paid for separately and no additional cost incurred will be the responsibility of the Village.

44. 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.

45. Final Site Inspection

After the Contractor has submitted the notice of final completion to the Village, the Contractor shall schedule a final site inspection with the Village and Engineer. The Contractor shall provide a laborer or Contractor's representative for the final inspection that will be responsible for the following:

1. Open and inspect all existing and newly installed storm structures, sanitary structures, and valve vaults.
2. Key all hydrant auxiliary boxes and operate the valve.
3. Key all b-box's and operate the valve.
4. Key all valves and operate the valve.
5. Review general site cleanliness and condition of landscaping, curb, sidewalk, pavement, etc.

Upon completion of the final site inspection, the Engineer will provide the Contractor a list of any deficiencies documented. The Contractor will have fourteen (14) calendar days to correct any deficiencies following the scheduled final inspection and punch list submittal by the Engineer.

46. Permits and Licenses

The Contractor shall procure all permits and licenses, pay all charges and fees, and give all notices necessary and incident to the due and lawful prosecution of the work in accordance with Article 107.04 of the Standard Specifications. No work shall be performed until all applicable permit requirements are fulfilled.

The following permits shall be applicable to this Contract:

- Illinois Environmental Protection Agency – Division of Public Water Supplies
- Illinois Environmental Protection Agency – National Pollutant Discharge Elimination System (NPDES)

47. Red Line As-Builts

This work shall consist of supplying red line as-builts of the installed utility improvements including but not limited to rim, inverts, top of pipe elevations, service locations, vertical offsets, underdrain installations, and other underground utilities.

The as-builts shall have red marks and installed elevations wherever on the engineering drawings a proposed grade, structure, invert or any other proposed item is shown. All elevations shall be recorded on the NAVD 88 datum, consistent with the plans. The as-builts shall be submitted to the Village in red marked PDF file on the issued for construction drawings.

As-builts with insufficient recorded information will be rejected. As-builts must be turned in with the Contractors notice of completion. Failure to submit as-builts with the notice of completion will begin to trigger liquidated damages after the project completion date or when working days have been exhausted. This work shall not be paid for separately but shall be considered included in the cost of the Contract.

Special Provisions

1. Trench Backfill, Coarse Aggregate, CA-11 (Special)

This item shall include all labor, material, and equipment necessary to furnish and place coarse aggregate trench backfill material in accordance with Section 208, 550, and 1004 of the Standard Specifications and as specified herein.

The material used for this item shall be exclusively IDOT certified Class B coarse aggregate material meeting the gradation of CA-11 in accordance with Section 1004 of the Standard Specifications. All aggregate must be crushed, rounded aggregate will not be permitted. The backfill material shall be compacted to 95% modified proctor density as required by ASTM D1557 or AASHTO T-180.

The material will be brought to fourteen (14) inches from the finish pavement elevation. The remaining trench shall be filled with ten (10) inches of CA-6, and four (4) inches of reclaimed asphalt pavement. This work will be measured and paid for once as AGGREGATE BASE COURSE, TYPE B (SPECIAL) and TEMPORARY AGGREGATE SURFACE COURSE (SPECIAL) as described herein. No additional payment will be considered for relocating or removing this material after initial placement.

This work will be measured in place and paid for at the contract unit price per cubic yard (CY) for TRENCH BACKFILL, COARSE AGGREGATE, CA-11 (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

2. 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 Mulch Method 3A 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, mulch shall be placed my method 3A in accordance with Article 251.03(d) 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 or have less than 90% growth, 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.

The Village and the Contractor share a mutual interest in achieving restoration acceptance as quickly as possible. To encourage timely and satisfactory completion, the Village will offer a financial incentive for restoration accepted by the Village within the specified 60-day timeframe.

This incentive will be provided by increasing the quantity of the GENERAL LANDSCAPE RESTORATION (SPECIAL) pay item up to 125% of the field-installed and agreed-upon quantity, resulting in a potential 25% monetary bonus to the Contractor.

At the sole discretion of the Village, if certain areas beyond the Contractor's control prevent full acceptance, but the Village determines that the Contractor made an above-average effort in establishing the majority of the restoration in accordance with the acceptance requirements, a reduced incentive may be awarded. This incentive provision does not restrict the Village's right to assess monetary penalties or enforce other provisions of this special provision.

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.

3. Temporary Landscape Restoration (Special)

This work shall include all labor, material, and equipment necessary to furnish, install, maintain, and remove temporary landscape restoration in accordance with Section(s) 211, 250, and 251 of the Standard Specifications and as specified herein.

Any restoration work completed outside of the planting times as defined by Article 250.07 of the Standard Specifications will be considered temporary and will be paid for separately.

At the direction of the Engineer, the Contractor will be required to mow the temporary grass as part of the temporary landscape work and it is anticipated that the Contractor will be required to mow every two (2) weeks. The Contractor will have 48-hours following written notice by the Engineer to complete mowing operations as requested. Failure to mow when requested will result in a monetary penalty of $1,000 per day until the mowing has been completed.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for TEMPORARY EROSION CONTROL SEEDING (SPECIAL), TEMPORARY MULCH METHOD 3A (SPECIAL), and per each (EA) for MOWING, which shall include all labor, material, and equipment required to complete the work as specified herein.

4. Subbase Granular Material, Type B

This work shall include all labor, material, and equipment necessary to furnish and place aggregate base courses on a prepared subgrade or subbase in accordance with Section(s) 311 and 351 of the Standard Specifications and as specified herein.

This work includes all new aggregate base course material for the proposed combination curb and gutter.

The material used for this item shall be washed stone and exclusively IDOT certified Class B course aggregate material meeting the gradation of CA-11 in accordance with Section 1004 of the Standard Specifications. Crushed concrete shall not be permitted.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for SUBBASE GRANULAR MATERIAL, TYPE B, CA-11, 4" (SPECIAL), which price shall include all labor, materials, and equipment required to complete the work as specified herein.

5. Aggregate Base Course, Type B Varies (Special)

This work shall include all labor, material, and equipment necessary to furnish and place aggregate base courses on a prepared subgrade or subbase in accordance with Section(s) 311 and 351 of the Standard Specifications and as specified herein.

This work includes all new aggregate base course material for proposed roadway base course, aggregate base repair, front fill for new concrete curb and gutter, temporary aggregate, capping stone in trenches and subbase granular material for sidewalk and driveway pavement, at the depths specified on the Engineering plans.

The material used for this item shall be exclusively IDOT certified Class B coarse aggregate material meeting the gradation of CA-6 in accordance with Section 1004 of the Standard Specifications. Mixing of aggregate from multiple sources is strictly prohibited. If it is determined that a different source is required for any reason, the new material must be approved by the Engineer prior to delivery or placement, and shall occur roadway to roadway. Crushed concrete may not be used for roadway base course or aggregate base repair. At the direction of the Engineer, crushed concrete may be used for driveway and sidewalk subbase granular material but shall be supplied from an IDOT approved source and 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 VARIES (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

6. Temporary Aggregate Surface Course (Special)

This work shall include all labor, material, and equipment necessary to furnish, place, maintain, and remove temporary reclaimed asphalt pavement (RAP) used as a capping stone within all roadway trenches in accordance with Section 402 of the Standard Specifications and as specified herein.

Reclaimed asphalt pavement shall be placed to a minimum depth of four (4) inches from the finish pavement elevation within all roadway trenches. The Contractor shall keep the surface smooth by dragging or blading as many times each day as the Engineer may direct. Holes, waves, and undulations which develop and which are not filled by blading shall be filled by adding more material. No additional payment will be considered for additional material required to meet this requirement.

The material used for this item shall be supplied from an IDOT approved source and be exclusively processed reclaimed asphalt pavement material meeting the gradation of CA-6 in accordance with Section 1031 of the Standard Specifications.

When the capping stone is no longer required, the material shall be disposed of according to Article 202.03 of the Standard Specifications. The respreading or reuse of the reclaimed asphalt pavement will not be allowed. No additional payment will be considered for temporarily relocating or permanently removing this material after initial placement.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for TEMPORARY AGGREGATE SURFACE COURSE (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

7. Pavement Removal

This work shall include all labor, material, and equipment necessary to completely remove the existing pavement as marked by the Engineer in accordance with Section 440 of the Standard Specifications.

Pavement removal shall be defined as asphalt or concrete pavement including asphalt or concrete base course, overlays, pozzolanic material, and aggregate or stabilized subbase material to the depth specified in the contract documents.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for PAVEMENT REMOVAL (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

8. Hot-Mix Asphalt Leveling Binder, Binder Course, and Surface Course (Special)

This work shall include all labor, material, and equipment necessary to furnish and place hot-mix asphalt, of the type specified, in accordance with Section 406 of the Standard Specifications and as specified herein.

The type of mix specified is commonly known as 'MURPHY MIX'.

Hot-Mix Asphalt Mixtures: The Contractor shall submit mix designs, for approval, for each required mixture, at least one week in advance of scheduled placement.

Surface: N-50 Hot Mix Asphalt 9.5-mm Surface Course Mix "C or D" and Leveling Binder.
The AJMF during production shall have a minimum of 40% passing on the #8 sieve and still meet IDOT volumetric requirements.

Binder: N-50 Hot-Mix Asphalt 19.0-mm Binder Course Mix 'B'.
The AJMF during production shall have a minimum of 40% passing on the #4 sieve and still meet IDOT volumetric requirements.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS:

Item	AC Type Overlay	AC Type Full Depth	Air Voids
Hot-Mix Asphalt Surface Course, Mix "C/D", N50	PG 58-22 / 58-28*	PG 58-28 / 46-34*	3.5% @ 50 GYR
Leveling Binder (Machine Method), N50	PG 58-22 / 58-28*	PG 58-28 / 46-34*	3.5% @ 50 GYR
Hot-Mix / Asphalt Binder Course, IL-19, N50	PG 58-22 / 58-28*	PG 58-28 / 46-34* PG 58-28 when below 4" in depth	3.5% @ 50 GYR

1. All production shall trend about 3.5% Air Voids.
2. Re-proportioning (within SSRBC adjustments allowed) of IDOT verified mix designs may be allowed and the Contractor must submit these values for a review by the Engineer at least one week prior to the first day of production.
3. One field TSR test by the Contractor will be required to validate changes.
4. The AJMF submitted and during production shall meet remaining IDOT volumetric requirements.
5. When Asphalt Binder Replacement (ABR) exceeds 15%, the new asphalt binder in the mix shall be changed as noted above. No more than 30% ABR and no more than 2.0% Reclaimed Asphalt Shingles (RAS) shall be allowed in the asphalt.

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. The Village may consider allowing a full road closure with detours at the Contractors request in order to allow for full width surface paving to facilitate this requirement on 24' wide roads. However, detour and/or additional traffic control devises will be at Contractors expense.
8. Asphalt along the curb line shall be compacted such that the asphalt is ¼" above the flag of gutter.
9. Temporary ramps, regardless of material, shall be removed prior to placement of the next pavement course.
10. Any compromises of 16' ski or ¼" gutter flag exposure shall be brought to the engineers attention and discussed. Failure to do so may result in repairs at the Contractors expense.

This work will be measured in place and paid for at the contract unit price per ton (TN) for HOT-MIX ASPHALT BINDER COURSE (SPECIAL), HOT-MIX ASPHALT SURFACE COURSE (SPECIAL), or 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.

9. Detectable Warnings (Furnished by Others)

This work shall include all labor, material, and equipment necessary to place furnished detectable warning plates at locations shown on the Engineering plans in accordance with Section 424 of the Standard Specifications and as specified herein.

The Village of Buffalo Grove will furnish 24"x24" and 24"x30" detectable warning plates. The Contractor shall coordinate the retrieval of materials from the Department of Public Works Facility at 51 Raupp Boulevard from 7 AM to 3 PM, a minimum of 48 hours in advance of when the plates will be needed.

Cutting of the detectable warning plates will only be allowed in accordance with the manufacturer's recommendation. The cutting of two panels to develop a radius will not be permitted.

This work will be measured in place and paid for at the contract unit price per square foot (SF) for DETECTABLE WARNINGS (FURNISHED BY OTHERS), which shall include all labor, material, and equipment required to complete the work as specified herein.

10. Driveway Pavement Removal

This work shall include all labor, material, and equipment necessary to remove existing driveway pavement as marked by the Engineer in accordance with Section 440 of the Standard Specifications and as specified herein.

Driveway material type may include, but is not limited to, aggregate of various gradation, portland cement concrete and hot-mix asphalt pavements. The Contractor shall form a perpendicularly straight joint by full-depth machine sawing at the proposed limit of improvements to prevent surface spalling. The Contractor shall immediately replace, at no additional cost to the Village, any driveway pavement, outside of the limit of improvements or adjacent panels, damaged by the Contractor's operations due to neglect, misconduct or poor workmanship.

The limit of improvements for portland cement concrete driveway pavement shall follow an existing perpendicular joint pattern or as determined by the Engineer.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for DRIVEWAY PAVEMENT REMOVAL (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

11. Water Main

This item shall include all labor, material, and equipment necessary to furnish and construct ductile iron water main, of the diameter specified in accordance with Section 561 of the Standard Specifications, Section 41 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

Water Main:

All water main bolts and nuts for all MJ connections, hydrants, valves, and other appurtenances shall have bolts manufactured with A304 stainless steel and all nuts and washers shall be manufactured with series 300 stainless steel.

All bends, fittings and accessories required for installation of the water main as specified and shown on the plans shall be included in the cost of water main.

Open Cut Installation:

The requirements of Section 40-2.01 of the Standard Specifications for Water and Sewer Construction in Illinois are modified as follows: Water Main shall be cement lined ductile iron pipe with "push on" single gasket joints and shall be thickness class 52. The pipe shall conform to ANSI A-21.51 and ANSI A-21.4, and AWWA C104 with joints meeting ANSI A-21.11. Fittings shall be ductile iron, 250 psi pressure rating, cement lined, with restrained push-on joints and shall meet ANSI A-21.10.

Mega-Lug retainer glands shall be required at all connections of ductile iron water main with bends, tees, crosses, reducers and other fittings.

No deflection of pipe will be allowed unless specified on the plans or approved in writing by the Engineer.

Vertical offsets shown on the plans will not be paid for separately but shall be included in the linear foot price of the water main.

All joints within the IDOT Right of Way shall be restrained type.

All testing and chlorination shall conform to Sections 41-2.12 and 41-2.13 of the Standard Specifications for Water and Sewer Construction in Illinois AWWA C651-14 and the requirements of the Municipality.

Water mains and water services within 3' of the water main shall be polyethylene encased as described in ANSI/AWWA C105.A21.5 and ANSI/AWWA C600. The polyethylene wrap shall be installed as shown by the Ductile Iron Pipe Research Association publication "Polyethylene Encasement Installation Guide".

Pressure and Leakage Testing of Water Mains:

Pressure testing of the water mains shall be in accordance with Section 41-2.12 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein. Water main shall be subjected to a minimum hydrostatic pressure test of 150 pounds per square inch (psi) for a period of not less than two (2) hours. The maximum allowable leakage will be that stated in section 41-2.14C the Standard Specifications for Water and Sewer Construction in Illinois. In addition, the hydrostatic pressure shall not drop more than five (5) psi during the test.

Chlorination of Water Mains:

Disinfection of water mains shall be performed according to AWWA C651-14 and section 41-2.15 of the Standard Specifications for Water and Sewer Construction in Illinois. Where conflicts between the above requirements exist, the more restrictive requirement shall govern or as approved by the Engineer

Chlorine shall be applied by the use of (1) liquid chlorine only. All work as listed shall be included with this pay item.

This work will be measured in place and paid for at the contract unit price per foot (FT) for WATER MAIN, of the diameter specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

12. Water Main (Furnished by Others)

This item shall include all labor, material, and equipment necessary to transport and construct ductile iron water main, of the diameter specified in accordance with Section 561 of the Standard Specifications, Section 41 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

Ductile has been procured by the Village and stored at the following location:

- Metra Parking Lot – Commerce Court and Deerfield Parkway

All bends and fittings required for installation of the water main as specified and shown on the plans shall be included in the cost of water main and shall be furnished by the Contractor. All gaskets, lubricants, polyethylene encasement, and tape shall be supplied by the Village. These items are stored at 51 Raupp Boulevard.

Open Cut Installation:

Mega-Lug retainer glands shall be required at all connections of ductile iron water main with bends, tees, crosses, reducers and other fittings.

No deflection of pipe will be allowed unless specified on the plans or approved in writing by the Engineer.

Vertical offsets shown on the plans will not be paid for separately but shall be included in the linear foot price of the water main.

All joints within the IDOT Right of Way shall be restrained type.

All testing and chlorination shall conform to Sections 41-2.12 and 41-2.13 of the Standard Specifications for Water and Sewer Construction in Illinois AWWA C651-14 and the requirements of the Municipality.

Water mains and water services within 3’ of the water main shall be polyethylene encased as described in ANSI/AWWA C105.A21.5 and ANSI/AWWA C600. The polyethylene wrap shall be installed as shown by the Ductile Iron Pipe Research Association publication "Polyethylene Encasement Installation Guide".

Pressure and Leakage Testing of Water Mains:

Pressure testing of the water mains shall be in accordance with Section 41-2.12 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein. Water main shall be subjected to a minimum hydrostatic pressure test of 150 pounds per square inch (psi) for a period of not less than two (2) hours. The maximum allowable leakage will be that stated in section 41-2.14C the Standard Specifications for Water and Sewer Construction in Illinois. In addition, the hydrostatic pressure shall not drop more than five (5) psi during the test.

Chlorination of Water Mains:

Disinfection of water mains shall be performed according to AWWA C651-14 and section 41-2.15 of the Standard Specifications for Water and Sewer Construction in Illinois. Where conflicts between the above requirements exist, the more restrictive requirement shall govern or as approved by the Engineer

Chlorine shall be applied by the use of (1) liquid chlorine only. All work as listed shall be included with this pay item.

This work will be measured in place and paid for at the contract unit price per foot (FT) for WATER MAIN, of the diameter specified, (FURNISHED BY OTHERS), which shall include all labor, material, transportation, and equipment required to complete the work as specified herein.

13. Water Valves

This work shall include all labor, material, and equipment necessary to furnish and install water valves, of the diameter specified, in accordance with Section 561 of the Standard Specifications and as specified herein.

Water valves shall conform to AWWA C504, AWWA C508, or AWWA C509. All valves shall turn counterclockwise, or to left, to open. Valves shall be American Flow Control, Series 2500 Resilient Wedge Gate Valves and shall have the manufacturer and year cast on the body with raised letters. **Valves shall have an all stainless steel trim.**

This work will be measured in place and paid for at the contract unit price per each (EA) for WATER VALVES, of the diameter specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

14. Water Valves (Furnished by Others)

This work shall include all labor, material, and equipment necessary to transport and install water valves, of the diameter specified, in accordance with Section 561 of the Standard Specifications and as specified herein.

Eight (8) inch resilient wedge auxiliary gate valve have been procured by the Village and stored at the following location:

- Buffalo Grove Public Works Facility – 51 Raupp Boulevard

This work will be measured in place and paid for at the contract unit price per each (EA) for WATER VALVES, of the diameter specified, (FURNISHED BY OTHERS) (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

15. Fire Hydrant Assembly, Complete (Special)

This work shall include all labor, material, and equipment necessary to furnish and install a new fire hydrant assembly in accordance with Section 564 of the Standard Specifications, Section 45 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

This work effort includes all materials required to fully complete the fire hydrant assembly installation in accordance with the plan detail including, but not limited to, fire hydrant tee, all hydrant lead piping, “direct assembly” auxiliary valve, auxiliary valve box and stabilizer, fire hydrant, thrust blocking, joint restraints and backfill, etc., except open excavations shall be backfilled and paid for with applicable trench backfill contract pay items.

This work shall also include furnishing and installing a heavy duty ½” diameter steel hydrant markers measuring four (4) feet high with a 3” wide by 2-3/4” high flag. The entire apparatus shall have a red powder-coated finish with a loop mount that slips over any 2-1/2” NST outlet and is held in place by the hydrant cap. Steel hydrant markers shall be manufactured by Hydro Hitch, Part #: 85935, or approved equal. The flag shall be wrapped in one (inch) wide white reflective marking tape meeting the requirements of Type II Sheeting.

The steel hydrant markers shall be installed on the right side, while facing the front, of each new fire hydrant after the new distribution system is live and the temporary protective bags are removed and no longer required. The Contractor shall submit a shop drawing for approval of the steel hydrant marker and white reflective marking tape prior to ordering or incorporation into the project.

The Contractor will be responsible for protecting the installed hydrants during construction. It is recommended that the hydrants be covered with a protective bag to ensure no chips, scratches or other damage is done to the hydrants during construction. Any damage to the factory installed paint shall be repaired at the factory. Touch up paint or spray paint will not be an acceptable method of painting for any new hydrants.

Fire hydrants shall be set plumb and level with their nozzles paralleled with or at right angles to the roadway, with the pumper nozzle normal to the roadway. They shall conform to the established grade, with nozzles at a minimum of eighteen (18) inches above finished grade.

At the direction of the Engineer, fire hydrant barrel extensions may be required to be furnished and installed. Fire hydrant extensions and parts shall be manufactured by Waterous and shall have all stainless street trim. Any labor, material, or equipment necessary to furnish and install fire hydrant barrel extensions shall be measured in place and paid for per foot (FT) with the contract pay item FIRE HYDRANT EXTENSION (SPECIAL).

The Contractor shall refer to the Village of Buffalo Grove Materials List in Appendix A for all material requirements. The open excavations shall be backfilled and paid for with applicable trench backfill contract pay items.

This work will be measured in place and paid for at the contract unit price per each (EA) for FIRE HYDRANT ASSEMBLY, COMPLETE, (SPECIAL) which shall include all labor, material, and equipment required to complete the work as specified herein.

16. Fire Hydrant Assembly, Complete (Furnished by Others) (Special)

This work shall include all labor, material, and equipment necessary to transport and install a new fire hydrant assembly in accordance with Section 564 of the Standard Specifications, Section 45 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

Fire hydrants with a direct assembly six (6) inch resilient wedge auxiliary gate valve have been procured by the Village and stored at the following location:

- Buffalo Grove Public Works Facility – 51 Raupp Boulevard

This work effort includes all materials required to fully complete the fire hydrant assembly installation in accordance with the plan detail including, but not limited to, fire hydrant tee, all hydrant lead piping, “direct assembly” auxiliary valve, mechanical joint gaskets, auxiliary valve box and stabilizer, fire hydrant, thrust blocking, joint restraints and backfill, etc., except open excavations shall be backfilled and paid for with applicable trench backfill contract pay items.

This work shall also include furnishing and installing a heavy duty ½” diameter steel hydrant markers measuring four (4) feet high with a 3” wide by 2-3/4” high flag. The entire apparatus shall have a red powder-coated finish with a loop mount that slips over any 2-1/2” NST outlet and is held in place by the hydrant cap. Steel hydrant markers shall be manufactured by Hydro Hitch, Part #: 85935, or approved equal. The flag shall be wrapped in one (inch) wide white reflective marking tape meeting the requirements of Type II Sheeting.

The steel hydrant markers shall be installed on the right side, while facing the front, of each new fire hydrant after the new distribution system is live and the temporary protective bags are removed and no longer required. The Contractor shall submit a shop drawing for approval of the steel hydrant marker and white reflective marking tape prior to ordering or incorporation into the project.

The Contractor will be responsible for protecting the installed hydrants during construction. It is recommended that the hydrants be covered with a protective bag to ensure no chips, scratches or other damage is done to the hydrants during construction. Any damage to the factory installed paint shall be repaired at the factory. Touch up paint or spray paint will not be an acceptable method of painting for any new hydrants.

Fire hydrants shall be set plumb and level with their nozzles paralleled with or at right angles to the roadway, with the pumper nozzle normal to the roadway. They shall conform to the established grade, with nozzles at a minimum of eighteen (18) inches above finished grade.

At the direction of the Engineer, fire hydrant barrel extensions may be required to be furnished and installed. Fire hydrant extensions and parts shall be manufactured by Waterous and shall have all stainless street trim. Any labor, material, or equipment necessary to furnish and install fire hydrant barrel extensions shall be measured in place and paid for per foot (FT) with the contract pay item FIRE HYDRANT EXTENSION (SPECIAL).

The Contractor shall refer to the Village of Buffalo Grove Materials List in Appendix A for all material requirements. The open excavations shall be backfilled and paid for with applicable trench backfill contract pay items.

This work will be measured in place and paid for at the contract unit price per each (EA) for FIRE HYDRANT ASSEMBLY, COMPLETE, (FURNISHED BY OTHERS), which shall include all labor, material, transportation, and equipment required to complete the work as specified herein.

17. Combination Concrete Curb and Gutter

This work shall include all labor, material, and equipment necessary to construct concrete curb, and 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 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. At points where the proposed concrete curb and gutter abuts existing concrete, two #4 smooth epoxy coated dowel-bars shall be installed at 24" on center. The depth of the proposed concrete gutter shall match the existing adjacent depth, but not less than nine (9) inches.

The material used for this item shall be exclusively 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 CONCRETE CURB, of the type specified, and, COMBINATION CONCRETE CURB AND GUTTER, of the type specified, (SPECIAL) which shall include all labor, material, and equipment required to complete the work as specified herein.

18. Pipe Underdrains

This work shall include all labor, material, and equipment necessary to furnish and install pipe underdrains in accordance with Section 601 of the Standard Specifications and as specified herein.

For all roadways receiving new concrete curb and gutter, pipe underdrains shall be installed behind the curb and gutter. For roadways with intermittent curb and gutter replacement, pipe underdrains shall be installed within the pavement, in accordance with the applicable details shown on the Engineering Plans, extending fifty (50) feet in each parallel direction from every curb line storm sewer structure. Pipe bends and fittings shall be required for radii ≤ 50'.

The aggregate backfill material and fabric sock, as specified in the Engineering plans and as specified herein, shall be included in the cost of this pay item, regardless of the depth of pipe underdrain. When connecting a proposed underdrain to an existing storm sewer structure, a new hole shall be machine cored with a maximum six (6) inch diameter, circular hole. Cutting a new pipe opening by any other method shall not be permitted.

The pipe material used for this item shall be exclusively perforated PVC SDR 26, of the diameter specified, conforming to ASTM D-3034 pipe standards with rubber gasket joints conforming to ASTM D-3212.

This work will be measured in place and paid for at the contract unit price per foot (FT) for PIPE UNDERDRAINS, of the size specified, (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

19. Drainage Structures to be Adjusted

This work shall include all labor, material, and equipment necessary to adjust existing drainage structures in accordance with Section 602 and 603 of the Standard Specifications and as specified herein.

This shall include existing drainage structures which are to be adjusted to proposed grade where two (2) feet or less of masonry will be either added, removed, or rebuilt to bring the specified casting to the finished grade of the proposed improvements.

Adjustment ring material type and method shall be in accordance with Exhibit No. 109 Materials List, as specified herein. Bricks, aggregate, lathe, or any other organic material shall not be used as shim materials or otherwise.

The new frames and grates or lids shall be furnished in accordance with Exhibit No. 109 Materials List, as specified herein.

The existing frame and grates or lids shall be salvaged and delivered to the Village of Buffalo Grove Public Works yard or at a location determined by the Village. Any material not suitable for salvage 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 each (EA) for DRAINAGE STRUCTURE TO BE ADJUSTED, new frame and grate or lid specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

20. Frames and Lids, Type 1, Closed Lid (Sanitary)

This work shall include all labor, material, and equipment necessary to furnish and install frames and lids, of the type specified, at locations shown on the Engineering plans in accordance with Section 604 of the Standard Specifications and as specified herein.

The Contractor shall remove any existing internal or external chimney seal and install a new external chimney seal in accordance with ASTM C-923, and be produced and supplied by Cretex Specialty Products, or approved equal. The external chimney seal shall be installed per the manufacturer's recommendation.

The structure shall be brought flush to the surrounding elevation with new adjustment rings. Adjustment ring material type and method shall be in accordance with Exhibit No. 109 Materials List, as specified herein. Bricks, aggregate, lathe, or any other organic material shall not be used as shim materials or otherwise.

The lid shall be cast iron with the word 'Sanitary' imprinted and embossed with 'Village of Buffalo Grove, and have concealed pick holes and watertight gaskets installed in accordance with Section 604 of the Standard Specifications.

The existing frame and lid shall be salvaged and delivered to the Village of Buffalo Grove Public Works yard or at a location determined by the Village. Any material not suitable for salvage 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 each (EA) for FRAMES AND LIDS, TYPE 1, CLOSED LID, SANITARY (SPECIAL), which price shall include all labor, material, and equipment required to complete the work as specified herein.

21. Drainage and Utility Structures to be Removed

This work shall include all labor, material, and equipment necessary to remove and dispose of existing drainage and utility structures at locations shown on the Engineering plans and as specified herein.

Drainage and utility structures shall be removed in their entirety. The existing frame and grates or lids shall be salvaged and delivered to the Village of Buffalo Grove Public Works yard or at a location determined by the Village. Any material not suitable for salvage shall be disposed of off-site according to Article 202.03 of the Standard Specifications.

The Contractor shall coordinate delivery of materials with the Department of Public Works a minimum of 48-hours prior to delivery of the materials noted above.

The open excavation shall be backfilled with approved excavated materials. At the Contractors discretion to prevent future settlement, trench backfill material may be used at the Contractors expense as specified herein.

This work will be measured in place and paid for at the contract unit price per each (EA) for DRAINAGE AND UTILITY STRUCTURES TO BE REMOVED (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

22. Valve Vaults and Valve Boxes to be Removed

This work shall include all labor, material, and equipment necessary to remove existing valve vaults and valve boxes at locations shown on the Engineering plans in accordance with Section 605 of the Standard Specifications and as specified herein.

Valve vaults shall be removed, frame and lid included, to a partial depth approximately three feet below finished grade and filled with CA-11 aggregate material as specified herein. Valve boxes shall be removed full depth and the open excavation left as a result of the valve box removed shall be filled with CA-11 aggregate material as specified herein

The Engineer or Department of Public Works will determine if the existing frame and lid or valve box is salvageable and delivered to the Village of Buffalo Grove Public Works yard or at a location determined by the Village. Any material not suitable for salvage 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 each (EA) for VALVE VAULTS TO BE REMOVED, and VALVE BOXES TO BE REMOVED, which shall include all labor, material, and equipment required to complete the work as specified herein.

23. Valve Vaults to be Abandoned

This work shall include all labor, material, and equipment necessary to abandon existing valve vaults at locations shown on the Engineering plans and as specified herein.

The Contractor shall remove the existing operating nut from the closed valve and install a plate furnished by the Village in lieu of the operating nut.

This work will be measured in place and paid for at the contract unit price per each (EA) for VALVE VAULTS TO BE ABANDONED, which shall include all labor, material, and equipment required to complete the work as specified herein.

24. Water Valves to be Removed

This work shall include all labor, material, and equipment necessary to remove existing water valves, regardless of size, at locations shown on the Engineering plans and as specified herein.

Water valves shall be removed by either cutting the existing pipe or loosening the existing bolts.

The existing water valves shall be salvaged and delivered to the Village of Buffalo Grove Public Works yard or at a location determined by the Village. Any material not suitable for salvage 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 each (EA) for WATER VALVES TO BE REMOVED, which price shall include all labor, material, and equipment required to complete the work as specified herein.

25. Fire Hydrants to be Removed

This work shall include all labor, material, and equipment necessary to remove and dispose of existing fire hydrant assemblies at locations shown on the Engineering plans and as specified herein.

Fire hydrants shall be removed completely, including, but not limited to, the entire barrel section including the seat, the existing auxiliary valve, and valve box. Fire hydrant assemblies shall be delivered to the Village of Buffalo Grove Public Works yard or at a location determined by the Village in good condition. Good condition is defined as the material is delivered without damage to the joints or fittings and can be repurposed. Material damaged due to the Contractor's negligence shall be replaced at no additional cost to the Village with equal material in good condition.

The Contractor shall coordinate delivery of materials with the Department of Public Works a minimum of 48-hours prior to delivery of the materials noted above.

The remaining open pipe fire hydrant lead shall be bulk headed with brick and mortar, or a mechanical joint cap, as directed by the Engineer. Any materials not suitable for salvage shall be disposed of according to Article 202.03 of the Standard Specifications.

The open excavation shall be backfilled with approved excavated materials. At the Contractors discretion to prevent future settlement, trench backfill material may be used at the Contractors expense as specified herein.

This work will be measured in place and paid for at the contract unit price per each (EA) for FIRE HYDRANTS TO BE REMOVED, which shall include all labor, material, and equipment required to complete the work as specified herein.

26. Sanitary/Storm Sewer to be Removed (Special)

This work shall include all labor, material, and equipment necessary to remove existing sanitary or storm sewer at locations shown on the Engineering plans in accordance with Article 551 of the Standard Specifications and as specified herein.

Storm and sanitary sewer pipe shall be removed completely and not crushed in place; material not suitable for salvage shall be disposed according to Article 202.03. Excavation of trenches shall be performed according to the applicable requirements of Article 550.04. Backfill of trenches shall be performed according to the applicable requirements of Article 208.03. All measurements shall be the internal diameter of the sewer pipe.

This work will be measured in place and paid for at the contract unit price per foot (FT) for STORM SEWER TO BE REMOVED, of the size specified, (SPECIAL), and SANITARY SEWER TO BE REMOVED, of the size specified, (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

27. Frames and Lids (Sanitary)

This work shall include all labor, material, and equipment necessary to furnish and install frames and lids, of the type specified, at locations shown on the Engineering plans in accordance with Section 604 of the Standard Specifications and as specified herein.

The Contractor shall remove any existing internal or external chimney seal and install a new external chimney seal in accordance with ASTM C-923, and be produced and supplied by Cretex Specialty Products, or approved equal. The external chimney seal shall be installed per the manufacturer's recommendation.

The structure shall be brought flush to the surrounding elevation with new adjustment rings. Adjustment ring material type and method shall be in accordance with Exhibit No. 109 Materials List, as specified herein. Bricks, aggregate, lathe, or any other organic material shall not be used as shim materials or otherwise.

The lid shall be cast iron with the word 'Sanitary' imprinted and embossed with 'Village of Buffalo Grove, and have concealed pick holes and watertight gaskets installed in accordance with Section 604 of the Standard Specifications.

The existing frame and lid shall be salvaged and delivered to the Village of Buffalo Grove Public Works yard or at a location determined by the Village. Any material not suitable for salvage 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 each (EA) for FRAMES AND LIDS, of the type specified, which price shall include all labor, material, and equipment required to complete the work as specified herein.

28. Connect Into Existing Drainage Structure

This work shall include all labor, material, and equipment necessary to complete the connection of the proposed storm sewer to an existing storm structure at locations shown on the Engineering plans and as specified herein.

The existing structure wall shall be machine cored with a circular bit to a distance not to exceed three (3) inches beyond the outside circumference of the new pipe. If required by the Engineer, the existing bench shall be modified to accept the new pipe.

This work will be measured in place and paid for at the contract unit price per each (EA) for CONNECT INTO EXISTING DRAINAGE STRUCTURE (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

29. Storm Sewer Connection

This work shall include all labor, material, and equipment necessary to complete the connection of the proposed storm sewer to the existing storm sewer at locations shown on the Engineering plans and as specified herein.

All connections to existing storm sewer shall be made with appropriately sized non-shear mission couplings conforming to ASTM C-1173-91. All fittings, accessories and shear rings shall be 316 grade stainless steel in accordance with ASTM A-167-91.

This work will be measured in place and paid for at the contract unit price per each (EA) for STORM SEWER CONNECTION, of the size specified, (SPECIAL) which shall include all labor, material, and equipment required to complete the work as specified herein.

30. Connect Into Existing Sanitary Manhole

This work shall include all labor, material, and equipment necessary to complete the connection of the proposed sanitary sewer to an existing sanitary structure at locations shown on the Engineering plans and as specified herein.

If the existing wall penetration cannot be reused, the existing structure wall shall be machine cored with a circular bit to the diameter recommended by the rubber boat manufacturer. All connections to the existing structure shall have a neoprene boot installed with stainless steel bands meeting the requirements of ASTM C-923. If required by the Engineer, the existing bench shall be modified to accept the new pipe.

This work will be measured in place and paid for at the contract unit price per each (EA) for CONNECT INTO EXISTING SANITARY MANHOLE (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

31. Sanitary Sewer Connection

This work shall include all labor, material, and equipment necessary to complete the connection of the proposed sanitary sewer to the existing sanitary sewer or sanitary structure at locations shown on the Engineering plans and as specified herein.

All connections to existing sewer shall be made with appropriately sized non-shear mission couplings conforming to ASTM C-1173-91. All fittings, accessories and shear rings shall be 316 grade stainless steel in accordance with ASTM A-167-91.

This work will be measured in place and paid for at the contract unit price per each (EA) for SANITARY SEWER CONNECTION (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

32. Adjusting Sanitary/Storm Services (Special)

This work shall include all labor, material, and equipment necessary to adjust existing sanitary and storm sewer service lines at the direction of the Engineer in accordance with Section 563 of the Standard Specifications and as specified herein.

This item shall be used, when determined by the Engineer, where existing sanitary or storm sewer service lines conflict with the proposed utility improvements. The sewer services shall be removed and replaced to a length that will eliminate the conflict and provide positive slope to the existing main. This work shall include the removal of existing sewer pipe, and all fittings and couplings required to complete the work.
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Any sewer service line, including fittings, damaged by the Contractor due to neglect, misconduct, or poor workmanship shall be replaced at the Contractor's expense.

The material used for this item shall be exclusively PVC SDR 26, of the diameter specified, conforming to ASTM D-2241 pipe standards with rubber gasket joints conforming to ASTM D-3139, F-477.

All connections to existing sewer shall be made with appropriately sized non-shear mission couplings conforming to ASTM C-1173-91. All fittings, accessories and shear rings shall be 316 grade stainless steel in accordance with ASTM A-167-91.

The trench shall be backfilled, and included in the cost of this item, with IDOT certified Class B course aggregate material meeting the gradation of CA-11 in accordance with Section 1004 of the Standard Specifications. All aggregate must be crushed, rounded aggregate will not be permitted. The backfill material shall be compacted to 95% modified proctor density as required by ASTM D1557 or AASHTO T-180.

Tapping saddles may not be used for connection of services to PVC or VCP mainline sewers.

If the Contractor damages any sanitary/storm service line not requiring adjustment, or any other underground structure or utility, the Contractor shall replace or repair it as required by the Engineer and no additional compensation will be allowed. When a sanitary/storm sewer is to be adjusted, the Contractor shall remove it carefully to prevent damage to the existing pipe which will remain.

This work will be measured in place and paid for at the contract unit price per foot (FOOT) for ADJUSTING SANITARY/STORM SERVICES, 8-INCH DIAMETER OR LESS (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

33. Sanitary Sewers

This work shall include all labor, material, and equipment necessary to furnish and install sanitary sewer, of the diameter, material and strength class specified in accordance with Section 550 of the Standard Specifications and as specified herein.

All SANITARY sewer labeled water main class or quality shall be furnished in accordance with the Utility Table in the Engineering plans. The material used for pipe and fittings shall be exclusively PVC SDR 26, of the diameter specified, conforming to ASTM D-2241 pipe standards with rubber gasket joints conforming to ASTM D-3139, F-477.

All sanitary sewer shall be tested in accordance with the Standard Specifications for Water and Sewer Construction in Illinois. All flexible sanitary sewer pipe shall be tested by Method D and either Method A, B, or C as outlined in Section 31-1.12. All sanitary sewer must also be tested by Method E. The Contractor shall provide the Engineer a copy of the video on a digital video disc. The video must be in color and proceed no faster than one (1) foot per second.

The trench shall be backfilled, where applicable, with IDOT certified Class B course aggregate material meeting the gradation of CA-11 in accordance with Section 1004 of the Standard Specifications. All aggregate must be crushed, rounded aggregate will not be permitted. The backfill material shall be compacted to 95% modified proctor density as required by ASTM D1557 or AASHTO T-180.

Sanitary sewer will be measured for payment in place in feet along the length from end to end, including sanitary sewer service wye fittings, but excluding through manholes.

This work will be measured in place and paid for at the contract unit price per foot (FT) for SANITARY SEWERS, WATER MAIN QUALITY, of the diameter specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

34. Sanitary Sewer Service

This work shall include all labor, material, and equipment necessary to furnish and install sanitary sewer service lines, of the diameter, material and strength class specified in accordance with Section 550 of the Standard Specifications and as specified herein.

The material used for pipe and fittings shall be exclusively PVC SDR 26, of the diameter specified, conforming to ASTM D-3034 pipe standards with rubber gasket joints conforming to ASTM D-3212.

All connections to existing sewer shall be made with appropriately sized non-shear mission couplings conforming to ASTM C-1173-91. All fittings, accessories and shear rings shall be 316 grade stainless steel in accordance with ASTM A-167-91. This work will be included in the cost of this item.

The trench shall be backfilled, where applicable, with IDOT certified Class B course aggregate material meeting the gradation of CA-11 in accordance with Section 1004 of the Standard Specifications. All aggregate must be crushed, rounded aggregate will not be permitted. The backfill material shall be compacted to 95% modified proctor density as required by ASTM D1557 or AASHTO T-180.

This work shall also include the removal of the existing sanitary sewer service and shall be disposed of off-site according to Article 202.03 of the Standard Specifications.

Sanitary sewer services will be measured for payment in place in feet along the horizontal length from the top of the riser bend to the connection to the existing sewer service. The existing sanitary sewer service line elevations are unknown.

This work will be measured in place and paid for at the contract unit price per foot (FT) for SANITARY SEWER SERVICE, of the diameter and material type specified, COMPLETE, which shall include all labor, material, and equipment required to complete the work as specified herein.

35. Sanitary Sewer Service Riser

This work shall include all labor, material, and equipment necessary to furnish and install a new sanitary sewer service riser, of the diameter, material and strength class specified in accordance with Section 550 of the Standard Specifications and as specified herein.

The material used for pipe and fittings shall be exclusively PVC SDR 26, of the diameter specified, conforming to ASTM D-3034 pipe standards with rubber gasket joints conforming to ASTM D-3212.

The trench shall be backfilled, where applicable, with IDOT certified Class B course aggregate material meeting the gradation of CA-11 in accordance with Section 1004 of the Standard Specifications. All aggregate must be crushed, rounded aggregate will not be permitted. The backfill material shall be compacted to 95% modified proctor density as required by ASTM D1557 or AASHTO T-180.

Sanitary sewer service risers will be measured for payment per each for every service reconnection along the length of new sanitary sewer main, regardless of height or bends required. The existing sanitary sewer service line elevations are unknown.

This work will be measured in place and paid for at the contract unit price per each (EA) for SANITARY SEWER SERVICE RISER, of the diameter and material type specified, COMPLETE, which shall include all labor, material, and equipment required to complete the work as specified herein.

36. Storm Sewer, Water Main Quality

This work shall include all labor, material, and equipment necessary to furnish and install storm sewer, of the diameter, material and strength class specified in accordance with Section 550 of the Standard Specifications and as specified herein.

All storm sewer labeled water main class or quality shall be furnished in accordance with the Utility Table in the Engineering plans. The material used for this item shall be exclusively PVC SDR 26, of the diameter specified, conforming to ASTM D-2241 pipe standards with rubber gasket joints conforming to ASTM D-3139, F-477.

The trench shall be backfilled, where applicable, with IDOT certified Class B course aggregate material meeting the gradation of CA-11 in accordance with Section 1004 of the Standard Specifications. All aggregate must be crushed, rounded aggregate will not be permitted. The backfill material shall be compacted to 95% modified proctor density as required by ASTM D1557 or AASHTO T-180.

This work will be measured in place and paid for at the contract unit price per foot (FT) for STORM SEWERS, of the type, WATER MAIN QUALITY PIPE, and diameter specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

37. Abandon Existing Water Main (Special)

This work shall include all labor, material, and equipment necessary to furnish and fill the existing water main with controlled low-strength material in accordance with Section 593 of the Standard Specifications and as specified herein.

This work shall consist of filling existing water main to be abandoned with Controlled Low Strength Material (CLSM). The utility shall be plugged on all ends with a plug material meeting approval of the Engineer. The plug shall be adequate to withstand the hydrostatic load created during the filling operation. If the plugs fail during the filling operation, the Contractor shall be responsible for the cost of repairing the plugs and filling the remainder of the pipe. CLSM shall be placed to completely fill all voids and crevices within the abandoned pipe. CLSM shall be placed by low pressure pumping with a maximum length of flow limited only by the safe allowable load that may be applied to the abandoned utility. Additional access holes, where required, or as directed by the Engineer, shall be opened to assure the complete filling of the utility.

The capping and/or plugging required to fill the pipe as described will be included with this pay item.

The Contractor shall submit to the Engineer a mix design for the flowable fill used on the project. The mix design shall generally conform to the following mix as designed by Prairie Material Mix #6115811, or approved by the Engineer:

Cement: 80 Pounds
Fly Ash 910 Pounded line
Sand 1850 Pounds
Water 54.7 Gallons
A/E 1-25%
Slump 10+/- 1”

This work will be measured in place and paid for at the contract unit price per cubic yard (CY) for ABANDON EXISTING WATER MAIN (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

38. Cut and Cap Existing Water Main

This work shall include all labor, material, and equipment necessary to excavate, expose, cut and cap existing water main pipe in a neat and workmanlike manner at locations shown on the Engineering plans or at the direction of the Engineer and as specified herein.

Ends shall be capped with a mechanical plug or cap to prevent infiltration into the abandoned water main. Aggregate trench backfill material will be paid for according to Article 208.04 of the Standard Specifications. This item shall only be used at locations shown on the Engineering plans or at the direction of the Engineer. If applicable, plugs or caps required at existing fire hydrant leads, valves that were removed, or for temporary use to abandon the water main in place will be included in the cost of each applicable pay item.

This work will be measured in place and paid for at the contract unit price per each (EA) for CUT AND CAP EXISTING WATER MAIN, regardless of size, which shall include all labor, material, and equipment required to complete the work as specified herein.

39. Connection to Existing Water Main (Non-Pressure)

This work shall include all labor, material, and equipment necessary to complete the non-pressure connection of the proposed water main to the existing water main at locations shown on the Engineering plans in accordance with Section 41 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

The work shall include all pipe, reducers, fittings, solid sleeves, excavation, concrete thrust blocking, and disposal of surplus excavated materials. Connection of ductile iron water main to existing cast iron water main will require the use of a Tyler Long Pattern Duo Solid Sleeve. The Contractor shall notify the Engineer a minimum of 72 hours prior to any required water main shut downs.

As these connections cannot be pressure tested or chlorinated, the Contractor shall swab all pipe fittings with a 2% hypochlorite solution using a new clean long-string mop in the presence of the Engineer, and the new section of water main must be pressurized prior to backfilling. **441 OMNI Couplings shall not be permitted.**

This pay item shall also include the removal of the existing water main pipe as necessary to install the proposed improvements as shown on the Engineering plans. All ductile iron pipe will be paid for separately to the connection point at the existing main.

Because of the age of the existing water system, the Village cannot assure that a complete shutdown will be achievable. The Contractor shall be equipped with enough pumps as necessary to complete the work as specified herein.

This work will be measured in place and paid for at the contract unit price per each (EA) for CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE), of the diameter specified, (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

40. Pressure Connection

This work shall include all labor, material, and equipment necessary to complete a pressure connection in accordance with Section 46 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

All material requirements shall be in accordance with Exhibit No. 109 Materials List, as specified herein. This work shall include all materials including but not limited to the tapping sleeve, valve, and auxiliary box.

This work will be measured in place and paid for at the contract unit price per each (EA) for PRESSURE CONNECTION, of the size specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

41. Water Service, Type K Copper, of the size specified (Special)

This work shall include all labor, material, and equipment necessary to furnish and place water service pipe in accordance with Section 41 with special attention to Article 41.2.12 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

The Contractor has the option of installing the service lines with open cut or trenchless methods. Any trench backfill, capping stone, capping stone removal prior to paving, additional saw cuts, additional restoration from drilling equipment or other items as necessary to facilitate the

installation of the service lines shall be included in the per foot price for WATER SERVICE, TYPE K COPPER, of the size specified (SPECIAL).

All long service lines are required to be installed via an approved trenchless method.

Trench backfill required for excavations to make connections under sidewalks or driveways will be paid for separately.

The Contractor shall refer to the Village of Buffalo Grove Materials List in Appendix A for all material requirements. All work as listed and as shown on the plan and details shall be included with this pay item.

If larger than one inch (1") services are encountered during construction the Contractor shall match the existing service size. This additional work will be paid for with applicable pay items or in accordance with Article 109.04 Payment for Extra Work of the Standard Specifications for Road and Bridge Construction.

As indicated on the plans and at the discretion of the engineer, the contractor shall install insulation around the copper water service piping. To securely seal the insulation tubing around the pipe, it shall be wrapped in tape every 24 inches, at a minimum. Insulation shall be installed where a service pipe is positioned less than 5.0 feet deep, or within 6 inches of a sewer main.

If it is determined that new water service lines freeze following the installation due to inclement temperatures, it shall be the Contractor's responsibility to immediately thaw out the service line and reinstate the distribution of water. If it is a reoccurring event or if it is a foreseeable issue, the Contractor shall provide a solution in writing for the Engineer's review and approval.

This work will be measured in place and paid for at the contract unit price per foot (FT) for WATER SERVICE, TYPE K COPPER, of the size specified, (SPECIAL), or WATER SERVICE, TYPE K COPPER, INSULATED, of the size specified, (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

42. Water Service, Connect to Existing, Complete (Special)

This work shall include all labor, material, and equipment necessary to complete the connection of the new water service piping to the existing water service in accordance with Section 41 with special attention to Article 41.2.13 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

All service boxes will be replaced. The existing water service piping is unknown and may include lead, copper, galvanized iron, or other material types. The Contractor shall provide all the necessary fittings to connect new water service to the existing water service including a new curb stop and service box. It is the Contractor's responsibility to determine the existing material, depth, size, and location of the existing service at the connection location.

House connections to proposed main shall be made individually and in as short of time as possible after testing and disinfection. No water customer shall be without water in excess of two (2) hours and shall be notified prior to disconnecting service.

The Contractor shall refer to the Village of Buffalo Grove Materials List in Appendix A for all material requirements. All work as listed and as shown on the plan and details shall be included with this pay item.

If larger than one inch (1") services are encountered during construction the Contractor shall match the existing service size.

The Contractor will be required to notify homeowners and business owners 48 hours prior to affecting their service line. Upon reconnection of water services to the new water main the Contractor shall hang a door tag with instructions for the homeowner to be provided by the Village. The information on this door tag will not relieve the Contractor from normal duties expected when installing and reconnecting water service lines to prevent damage to internal plumbing systems of a residence or business. All fittings for copper service lines shall be of the "flare" type regardless of temporary or permanent use. Any damage to existing water service lines during construction shall be repaired with the existing main under pressure. The contractor shall have a crimping tool and e-z out or freeze kit onsite to make repairs as needed. Repair of service lines in this manner shall only be performed on lines that will be abandoned as part of this project. This work shall be considered included in the cost of construction. All water services shall be connected back to the existing service line as approved by the engineer. The contractor is responsible for locating the service line at the point of connection on the house side of the b-box.

This work will be measured in place and paid for at the contract unit price per each (EA) for WATER SERVICE, CONNECT TO EXISTING, COMPLETE (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

43. Water Service, Tap, of the size specified, Complete (Special)

This work shall include all labor, material, and equipment necessary to complete the connection of the new water service piping to the existing water service in accordance with Section 41 with special attention to Articles 41-2.11 and 41-2.13 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

When direct tapping the polyethylene encased pipe, the Contractor shall wrap no less than three layers of water proof adhesive tape completely around the pipe to cover the tapping machine and chain mounting area. After making the tap the casement shall be inspected for damage and any repairs shall be made. The corporation stop and three feet (3') of the new water service piping shall be wrapped with additional polyethylene casement.

The Contractor shall refer to the Village of Buffalo Grove Materials List in Appendix A for all material requirements. All work as listed and as shown on the plan and details shall be included with this pay item.

All services greater than one inch (1") shall have a two (2) bolt full circle stainless sleeve tapping sleeve with stainless steel hardware.

If larger than one inch (1") services are encountered during construction the Contractor shall match the existing service size. This additional work will be paid for with applicable pay items or in accordance with Article 109.04 Payment for Extra Work of the Standard Specifications for Road and Bridge Construction.

This work will be measured in place and paid for at the contract unit price per each (EA) for WATER SERVICE, TAP, OF THE SIZE SPECIFIED, COMPLETE (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

44. Buffalo Box Frame & Lid (Special)

This work shall include all labor, material, and equipment necessary to furnish and install a frame and lid specifically for water service boxes that are in the pavement areas and/or sidewalk or anywhere other than the parkway as determined by the Engineer.

The frame and lid required shall be exclusively Neenah R-1970 produced and supplied by:

Neenah Foundry Co.
2121 Brooks Avenue
Neenah, WI 54956
Phone: (920) 725-7000
www.nfco.com

It is recommended that the Contractor order the required number of frame and lids as soon as possible. Any delays to the project caused by backordered materials or the Contractor's negligence to proactively order the correct number of proposed frame and lids will not constitute an extension of time, out of sequence construction operations, or the forgiveness of the driveway closure timeline requirements.

This work will be measured in place and paid for at the contract unit price per each (EA) for BUFFALO BOX FRAME & LID (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

45. Exploration Excavation (Special)

This work shall include all labor, material, and equipment necessary to excavate an exploratory trench as directed by the Engineer and as specified herein.

Exploration excavations shall be completed as required to locate existing utility facilities within the proposed project limits. The excavation shall not be less than 48 inches in depth and the width shall be sufficient to allow proper investigation of the entire trench length. The Contractor shall not be paid this item without prior approval from the Engineer.

The excavation shall be backfilled in accordance with Section 208 of the Standard Specifications or as directed by the Engineer. Surplus excavated material 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 each (EA) for EXPLORATION EXCAVATION (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

46. Traffic Control and Protection (Special)

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
701001, 701006, 701011, 701101, 701301, 701501, 701601, 701701, 701801 and 701901

Details
TC-10 Traffic Control and Protection for Side Roads, Intersections and Driveways
TC-13 District One Typical Pavement Markings
TC-14 Traffic Control and Protection at Turn Bays (To Remain Open to Traffic)
TC-22 Arterial Road Information Sign

Special Provisions
Maintenance of Roadways and Erosion Control
Construction Staging and Maintenance of Base Course
Protection of Mailboxes
Traffic Control Plan
LRS 3 – Work Zone Traffic Control Surveillance
LRS 4 – Flaggers in Work Zones
BDE – Vehicle and Equipment Warning Lights
BDE – Work Zone Traffic Control Devices

No roads or segments shall be closed without prior written approval from the Village and Engineer. The Contractor must present to the Engineer, a detour plan with a detailed description addressing how resident access will be maintained and all applicable signage. Submittal of a road closure request to the Engineer does not guarantee approval. Any additional traffic control devices required for road closures per the Contractor's request shall not be paid for separately but shall be included in the cost of the contract.

The Contractor shall be properly advised of the regulated weight limits within the surrounding areas of the project. No additional compensation in time or monetary value will be allowed. The Village of Buffalo Grove Police Department requires permits for Overweight/Over-Sized Trucks or Vehicles. The Contractor can find additional information at www.vbg.org/645/Truck-Enforcement or by calling (847) 459-2560.

Temporary "No Parking" signs must be approved by the Engineer prior to installation and the Village must be notified for each individual use or occurrence. The temporary signs must be POSTED AND DATED at least 24 hours before the intended date of use and shall be a minimum size of 8.5"x11", with a contrasting background and be lathe or post mounted. Any signage that is posted without the Engineer's approval will be assessed a monetary penalty of $500 per day until removed. **The Contractor shall not tow or move any vehicles.**

This work will be measured in place and paid for at the contract unit price per lump sum (LS) for TRAFFIC CONTROL AND PROTECTION, (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

47. Remove Brick Pavers

This work shall include all labor, material, and equipment necessary to carefully remove and temporarily stack existing brick pavers as specified herein.

All references to brick pavers throughout the contract documents shall be understood to mean all specialty materials, including, but not limited to, brick pavers, raised aggregate, slate, flagstone, and all non-portland cement or asphalt sidewalks or driveways.

The existing brick pavers shall be removed and neatly stacked, no higher than 36", and protected near the driveway apron on palettes in the parkway for the residents future use. The Contractor shall replace, at no additional cost to the Village, any existing brick pavers which have been damaged by the Contractor's operations due to neglect, misconduct or poor workmanship.

This work will be measured in place and paid for at the contract unit price per square foot (SF) for REMOVE BRICK PAVERS, which shall include all labor, material, and equipment required to complete the work as specified herein.

48. Mailbox Removal and Reinstallation

This work shall include all labor, material, and equipment necessary to remove, store, provide a temporary solution, and reinstall existing mailboxes at locations shown on the Engineering plans or as directed by the Engineer in accordance with Article 107.20 of the Standard Specifications and as specified herein.

This item shall only be paid for on Belmar Lane, Belmar Court, Ridgefield Lane, and Indian Spring Lane or as directed by the Engineer. The protection of all other mailboxes throughout the project limits and adjacent to shall follow General Condition 18 as stated herein. The Contractor shall not be paid this item without prior approval from the Engineer.

The Contractor shall take all necessary precautions when working near mailboxes within or adjacent to the project limits. If temporary mailboxes are required, they shall be working heavy gauge galvanized steel with the address affixed to each mailbox. The temporary mailbox can either be installed at each residence per the United States Postal Service requirements or as a bank of mailboxes adjacent to the project limits. Each respective location shall be approved by the Engineer.

If the existing post is determined to be rotted, too short, or cannot be reused, the Contractor shall furnish and install a new 4" x 4" square treated wood post. The permanent post shall be set plumb and level in concrete or a mortar material that meets or exceeds the manufacturers requirements and the Village's Mailbox Installation detail herein. At no time shall a resident be without a mailbox for greater than 24 hours 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.

This work will be measured in place and paid for at the contract unit price per each (EA) for MAILBOX REMOVAL AND REINSTALLATION, which shall include all labor, material, and equipment required to complete the work as specified herein.

49. Leak Detection (Special)

This work shall include all labor, material, and equipment necessary to provide professional leak detection services as specified herein. The professional services firm shall be required to provide such skilled and trained personnel and equipment necessary to complete the work.

Complete leak detection services shall be completed on all new water main and services throughout the project limits prior to the final surface course being completed. All fire hydrants, main line valves, and when necessary, select service connections shall be used for listening purposes by making physical contact with the valve, hydrant, pipe, or buffalo box. The professional services firm shall use 'State of the Art' Electronic Leak Correlators to determine if a leak is present and use the same equipment to pinpoint the location of the leak.

If a leak noise has been detected or suspected, the professional services firm will verify the suspected area a second time to confirm the noise. At least four hours shall pass between the initial listening of the area before a second listen and confirmation is attempted. Correlation of found leaks and all leak detection information shall be provided to the Engineer in a complete and comprehensive report.

Valves and fire hydrants shall be operated by Village staff only.

If a leak is suspected by the professional services firm, the Contractor shall excavate the location and make the necessary repair. Following the repair, the professional services firm shall relisten to the segment to verify that the leak was repaired. All costs associated with the excavation, repair, relistening, and restoration work shall be at the Contractor's expense.

If a leak is suspected by the professional services firm, and the Engineer determines that there is no visible leak following the excavation of the location, all work associated with this will be paid for in accordance with Article 109.04 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per lump sum (LS) for LEAK DETECTION (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

50. Sodding (Special)

This work shall include all labor, material, and equipment necessary to prepare the ground surface and furnish, place, and maintain sod in accordance with Section 252 of the Standard Specifications and as specified herein.

Sod shall not be placed during the months of July and August.

The area to be sodded shall be finished according to Section 212 with new pulverized topsoil to a maximum depth of four (4) inches. Furnishing and placing topsoil shall be paid for under a separate pay item. All areas prepared for sod must be stabilized with sod within fourteen (14) calendar days of the last disturbance. If sod is not placed within this timeline, the Village may correct the deficiencies and the cost will be deducted from the next pay request due to the Contractor. This corrective work will in no way relieve the Contractor of their contractual requirements or responsibilities.

The Village will furnish water to the Contractor at no cost per General Condition 20 herein.

Fertilizer shall conform to Articles 252.03 and 1081.08 of the Standard Specifications and be included in the cost of this item.

Excavated, surplus, and waste materials generated from grass stripping, ground preparation, grading, and sodding operations shall be promptly loaded, removed from the site, and disposed of off-site according to Article 202.03 of the Standard Specifications. No such materials shall be stored in the street or parkway. Excavation, hauling away, and disposal of this material shall be included in the cost of this item. No additional compensation will be provided.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for SODDING (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

IDOT District One - Special Provisions

1. Adjustments and Reconstructions (D-1)

Effective: March 15, 2011

Revise the first paragraph of Article 602.04 to read:

"**602.04 Concrete.** Cast-in-place concrete for structures shall be constructed of Class SI concrete according to the applicable portions of Section 503. Cast-in-place concrete for pavement patching around adjustments and reconstructions shall be constructed of Class PP-1 concrete, unless otherwise noted in the plans, according to the applicable portions of Section 1020."

Revise the third, fourth and fifth sentences of the second paragraph of Article 602.11(c) to read:

"Castings shall be set to the finished pavement elevation so that no subsequent adjustment will be necessary, and the space around the casting shall be filled with Class PP-1 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b."

Revise Article 603.05 to read:

"**603.05 Replacement of Existing Flexible Pavement.** After the castings have been adjusted, the surrounding space shall be filled with Class PP-1 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b."

Revise Article 603.06 to read:

"**603.06 Replacement of Existing Rigid Pavement.** After the castings have been adjusted, the pavement and HMA that was removed, shall be replaced with Class PP-1 concrete, unless otherwise noted in the plans, not less than 9 in. (225 mm) thick. The pavement may be opened to traffic according to Article 701.17(e)(3)b.

The surface of the Class PP concrete shall be constructed flush with the adjacent surface."

Revise the first sentence of Article 603.07 to read:

"**603.07 Protection Under Traffic.** After the casting has been adjusted and the Class PP concrete has been placed, the work shall be protected by a barricade and two lights according to Article 701.17(e)(3)b."

2. 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.

<table>
<tr><th>Use</th><th>Mixture</th><th>Aggregates Allowed</th></tr>
<tr><td>Class A</td><td>Seal or Cover</td><td><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</td></tr>
<tr><td>HMA
Low ESAL</td><td>Stabilized Subbase
or Shoulders</td><td><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</td></tr>
<tr><td>HMA
High ESAL
Low ESAL</td><td>Binder
IL-19.0
or IL-19.0L

SMA Binder</td><td><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/]</td></tr>
<tr><td>HMA
High ESAL
Low ESAL</td><td>C Surface and Binder
IL-9.5
IL-9.5FG
or IL-9.5L</td><td><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/]</td></tr>
<tr><td>HMA
High ESAL</td><td>D Surface and Binder
IL-9.5
or IL-9.5FG</td><td><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/]

<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></td></tr>
</table>

<table>
<tr><th>Use</th><th>Mixture</th><th>Aggregates Allowed</th></tr>
<tr><td rowspan="5">HMA
High ESAL</td><td rowspan="5">E Surface
IL-9.5

SMA
Ndesign 80
Surface</td><td><u>Allowed Alone or in Combination</u> [5/ 6/]:
Crushed Gravel
Crystalline Crushed Stone
Crushed Sandstone
Crushed Slag (ACBF)
Crushed Steel Slag

No Limestone.</td></tr>
<tr><td><u>Other Combinations Allowed:</u>

Up to... | With...</td></tr>
<tr><td>50% Dolomite[2/] | Any Mixture E aggregate</td></tr>
<tr><td>75% Dolomite[2/] | Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone</td></tr>
<tr><td>75% Crushed Gravel[2/] | Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag</td></tr>
<tr><td rowspan="4">HMA
High ESAL</td><td rowspan="4">F Surface
IL-9.5

SMA
Ndesign 80
Surface</td><td><u>Allowed Alone or in Combination</u> [5/ 6/]:

Crystalline Crushed Stone
Crushed Sandstone
Crushed Slag (ACBF)
Crushed Steel Slag
No Limestone.</td></tr>
<tr><td><u>Other Combinations Allowed</u>:

Up to... | With...</td></tr>
<tr><td>50% Crushed Gravel[2/] or Dolomite[2/] | Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone</td></tr>
</table>

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."
Combining different types of aggregate will not be permitted in SMA Ndesign 80."

3. <u>Ground Tire Rubber (GTR) Modified Asphalt Binder (D-1)</u>

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."

4. <u>Hot-Mix Asphalt (D-1)</u>

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."

5. 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
	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5"

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 6/	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

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.

	Voids in the Mineral Aggregate (VMA), % Minimum for Ndesign				
Mix Design	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."

6. <u>Hot-Mix Asphalt – Mixture Design Verification and Production (D-1)</u>

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."

7. Temporary Information Signing (D-1)

Effective: November 13, 1996
Revised: January 29, 2020

Description.
This work shall consist of furnishing, installing, maintaining, relocating for various states of construction and eventually removing temporary informational signs. Included in this item may be ground mount signs, skid mount signs, truss mount signs, bridge mount signs, and overlay sign panels which cover portions of existing signs.

Materials.
Materials shall be according to the following Articles of Section 1000 - Materials:

	Item	Article/Section
a.)	Sign Base (Note 1)	1090
b.)	Sign Face (Note 2)	1091
c.)	Sign Legends	1091
d.)	Sign Supports	1093
e.)	Overlay Panels (Note 3)	1090.02

Note 1. The Contractor may use 5/8 inch (16 mm) instead of 3/4 inch (19 mm) thick plywood.

Note 2. The sign face material shall be in accordance with the Department's Fabrication of Highway Signs Policy.

Note 3. The overlay panels shall be 0.08 inch (2 mm) thick.

GENERAL CONSTRUCTION REQUIREMENTS

Installation.
The sign sizes and legend sizes shall be verified by the Contractor prior to fabrication.

Signs which are placed along the roadway and/or within the construction zone shall be installed according to the requirements of Article 701.14 and Article 720.04. The signs shall be 7 ft (2.1 m) above the near edge of the pavement and shall be a minimum of 2 ft (600 mm) beyond the edge of the paved shoulder. A minimum of two (2) posts shall be used.

The attachment of temporary signs to existing bridges, sign structures or sign panels shall be approved by the Engineer. Any damage to the existing signs and/or structures due to the Contractor's operations shall be repaired or signs replaced, as determined by the Engineer, at the Contractor's expense.

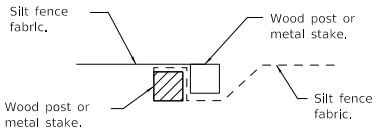
Method of Measurement.
This work shall be measured for payment in square feet (square meters) edge to edge (horizontally and vertically).

All hardware, posts or skids, supports, bases for ground mounted signs, connections, which are required for mounting these signs will be included as part of this pay item.

Basis Of Payment.
This work shall be paid for at the contract unit price per square foot (square meter) for TEMPORARY INFORMATION SIGNING.

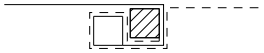
APPENDIX A
TABLE OF CONTENTS

1. 280001-07 Temporary Erosion Control Systems
2. 424001-12 Perpendicular Curb Ramps For Sidewalks
3. 424006-06 Diagonal Curb Ramps For Sidewalks
4. 424011-05 Corner Parallel Curb Ramps For Sidewalks
5. 424021-07 Depressed Corner For Sidewalks
6. 602001-02 Catch Basin Type A
7. 602011-02 Catch Basin Type C
8. 602301-04 Inlet – Type A
9. 602401-07 Precast Manhole Type A 4' Diameter
10. 602601-06 Precast Reinforced Concrete Flat Slab Top
11. 602701-02 Manhole Steps
12. 604001-05 Frame and Lids Type 1
13. 604051-04 Frame and Grate Type 11
14. 701001-02 Off-Road Operations, 2L, 2W, More Than 15' Away
15. 701006-05 Off-Road Operations, 2L, 2W, 15' to 24" From Pavement Edge
16. 701011-04 Off-Road Moving Operations, 2L, 2W, Day Only
17. 701301-04 Lane Closure, 2L, 2W, Short Time Operations
18. 701501-06 Urban Lane Closure, 2L, 2W, Undivided
19. 701801-06 Sidewalk, Corner or Crosswalk Closure
20. 701901-11 Traffic Control Devices
21. 720001-01 Sign Panel Mounting Details
22. 720006-04 Sign Panel Erection Details
23. 720011-01 Metal Posts for Signs Markers and Delineators
24. IDOT District One Highway Standard – BD-08 Frames and Lids Adjustment With Milling
25. IDOT District One Highway Standard – BD-32 Butt Joint and HMA Taper Details
26. IDOT District One Highway Standard – BM-20 Pruning for Safety and Equipment Clearance
27. IDOT District One Highway Standard – TC-10 Traffic Control and Protection For Side Roads, Intersections, and Driveways
28. IDOT District One Highway Standard – TC 13 District One Typical Pavement Markings
29. IDOT District One Highway Standard – TC 22 Arterial Information Signing
30. Example Pay Estimate – Clarifying Statement Letter
31. Example Weekly Update Letter
32. Example Driveway Closure Notice Letter
33. Example Letter of Credit
34. Temporary No Parking Sign Example
35. Mailbox Installation Detail
36. Exhibit No 109 Materials List
37. Available Reports
38. Pavement Core Log Report



Place end-post (stake) of first silt fence adjacent to end-post (stake) of second silt fence with fabric positioned as swown.

STEP 1

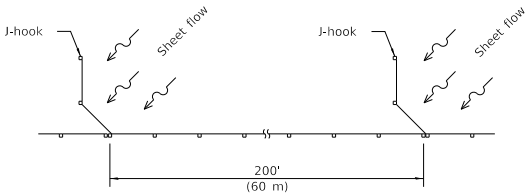


Rotate posts (stakes) together 180° clockwise and drive both posts (stakes) 18 (450) into ground.

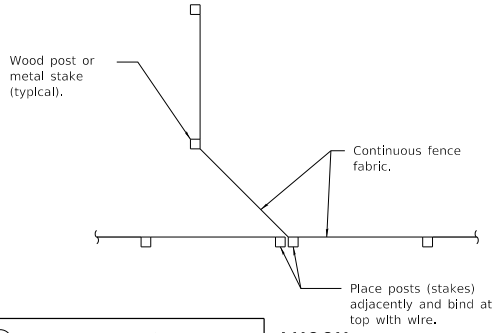
STEP 2

ATTACHING TWO SILT FILTER FENCES

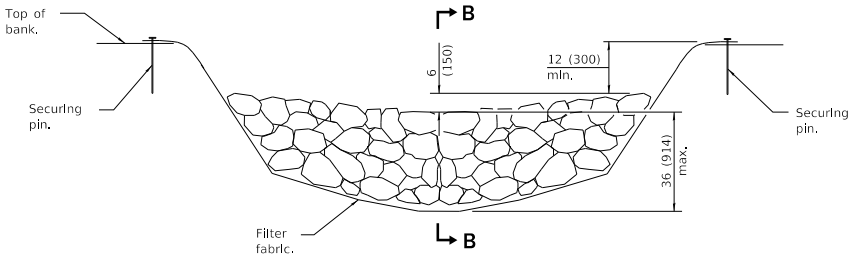
(Not applicable for J-hooks)



SILT FILTER J-HOOK PLACEMENT

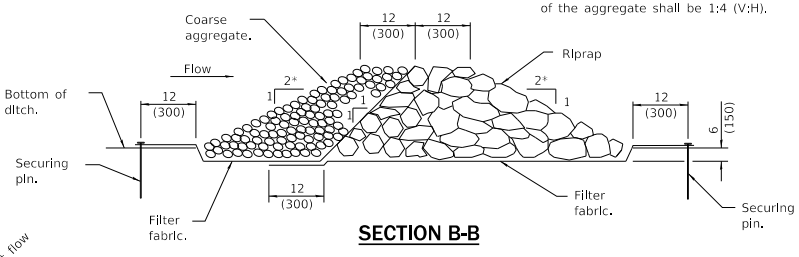


J-HOOK



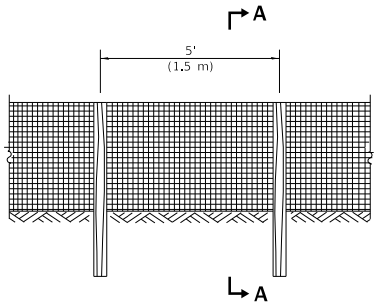
ELEVATION

* When the ditch check is within the clear zone and the road is open to traffic, the traffic approach slope of the aggregate shall be 1:4 (V:H).



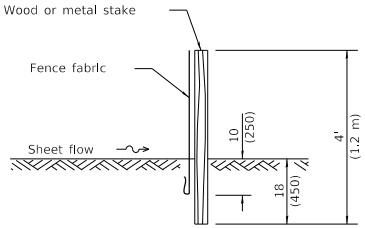
SECTION B-B

AGGREGATE DITCH CHECK

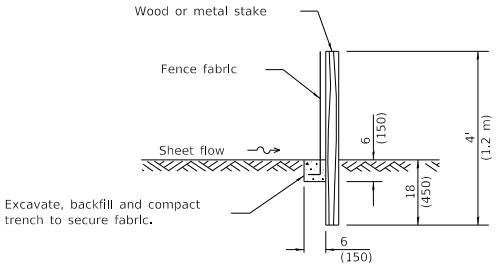


ELEVATION

SILT FILTER FENCE AS A PERIMETER EROSION BARRIER



SLICE METHOD



TRENCH METHOD

SECTION A-A

GENERAL NOTES

The installation details and dimensions shown for perimeter erosion barriers shall also apply for inlet and pipe protection.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2013
Michael Brand
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2013
ENGINEER OF DESIGN AND ENVIRONMENT

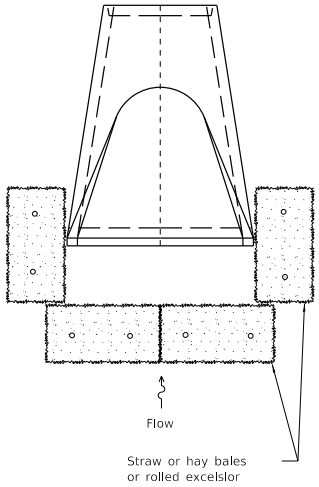
ISSUED 1-1-07

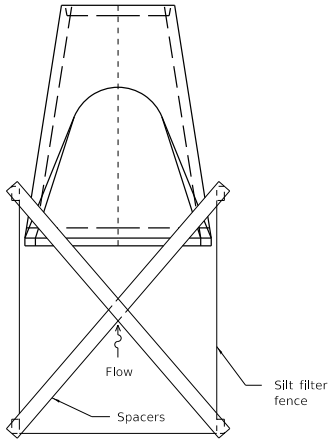
DATE	REVISIONS
1-1-13	Corrected notation for
	flowline ($\mathbb{E}$) on SEDIMENT
	BASIN ELEVATION.
1-1-12	Omitted hay/straw perimeter
	barrier. Added SLICE METHOD
	to SECTION A-A.

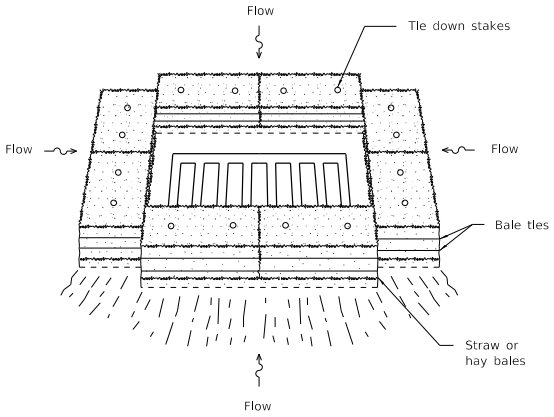
TEMPORARY EROSION CONTROL SYSTEMS

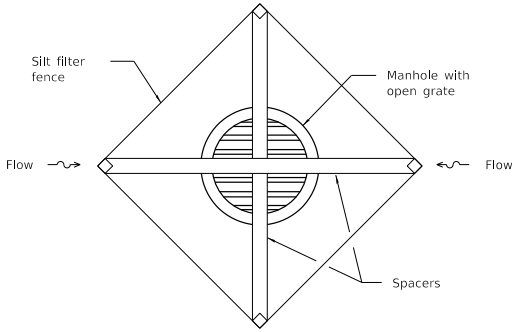
(Sheet 1 of 2)

STANDARD 280001-07

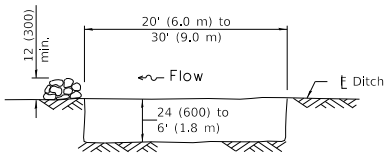






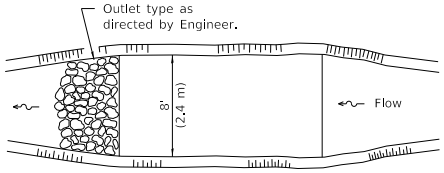


INLET AND PIPE PROTECTION



The performance of the basin will improve if put into a series.

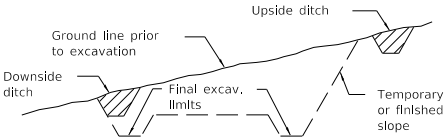
ELEVATION



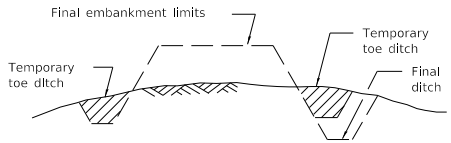
The long dimension should be parallel with the direction of the flow. Accumulated silt shall be removed anytime the basins become 75% filled.

PLAN

SEDIMENT BASIN



TYPICAL CUT CROSS-SECTION



TYPICAL FILL CROSS-SECTION

TEMPORARY DITCHES FOR CUT & FILL SECTIONS

Illinois Department of Transportation

PASSED January 1, 2013
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

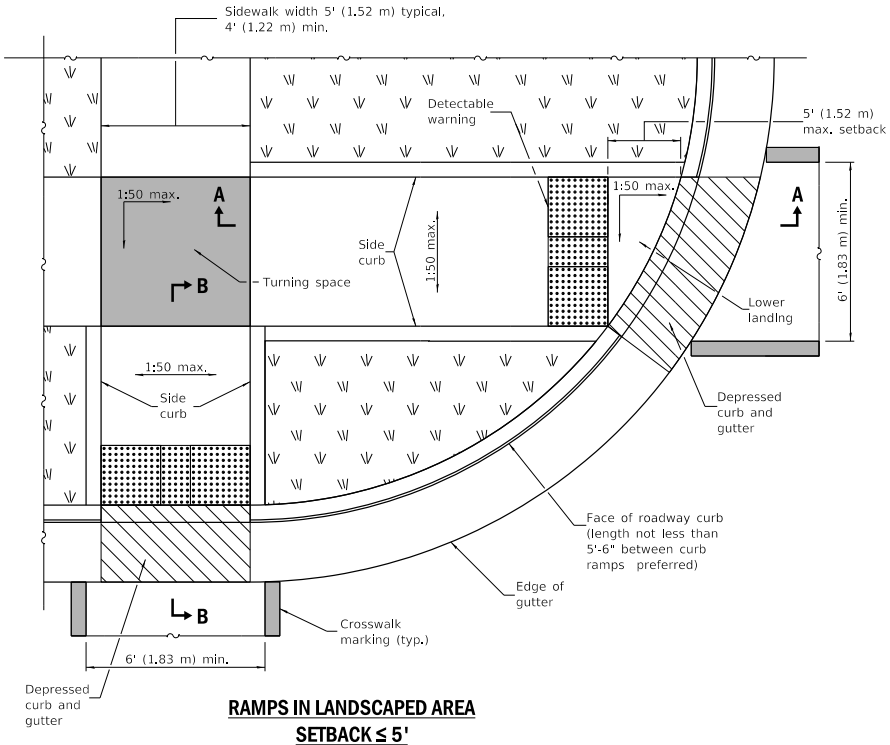
APPROVED January 1, 2013
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

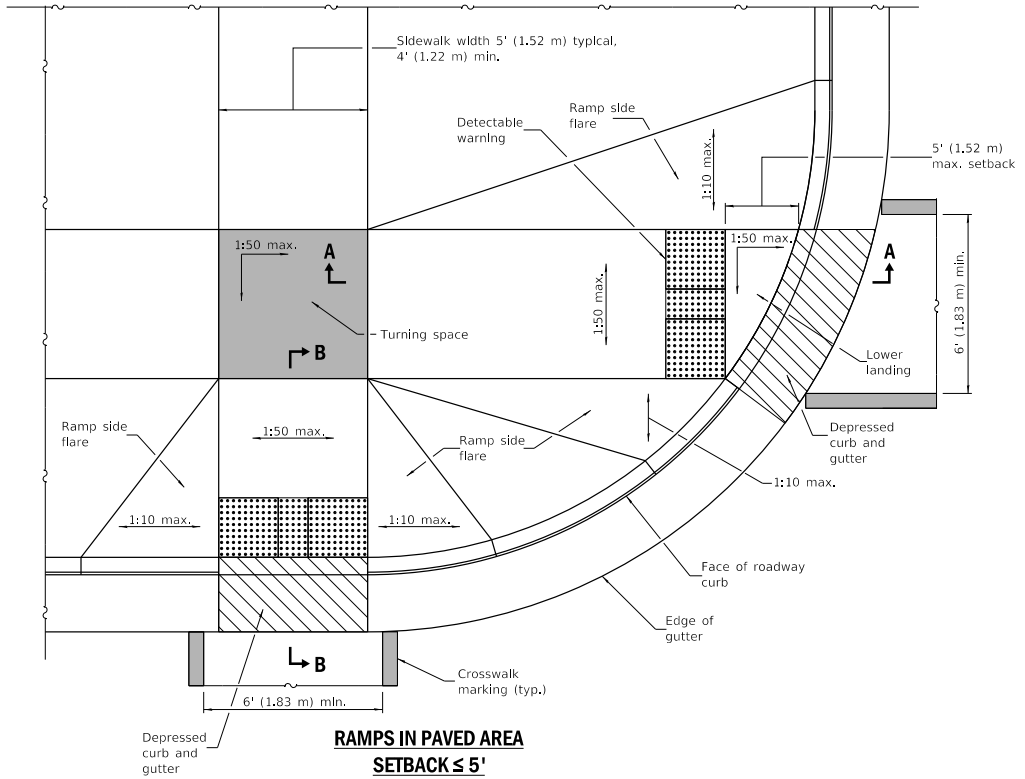
TEMPORARY EROSION CONTROL SYSTEMS

(Sheet 2 of 2)

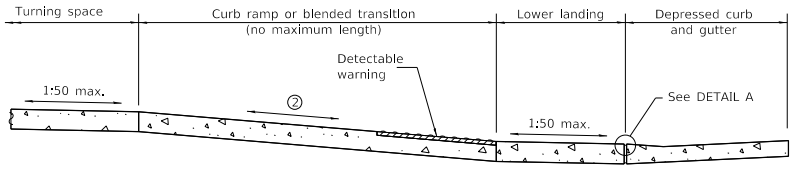
STANDARD 280001-07



RAMPS IN LANDSCAPED AREA
SETBACK ≤ 5'

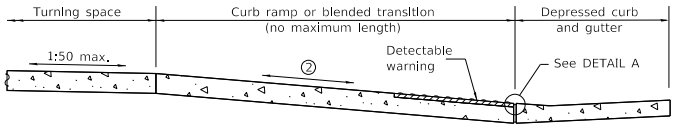


RAMPS IN PAVED AREA
SETBACK ≤ 5'



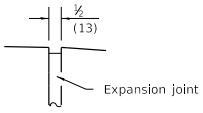
SECTION A-A

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

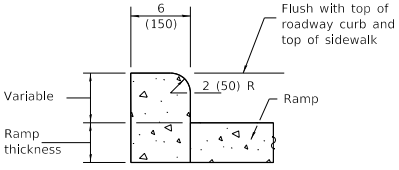


SECTION B-B

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



DETAIL A



SIDE CURB DETAIL

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

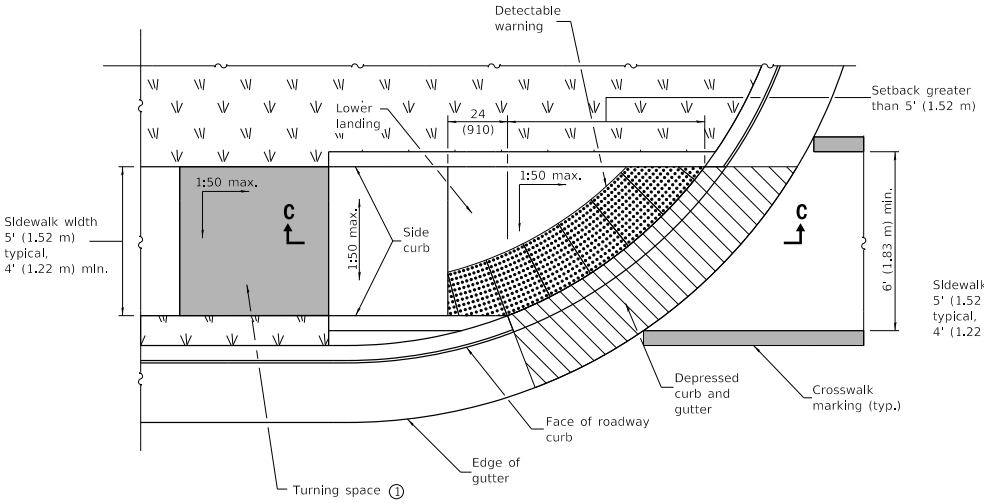
See Sheet 2 for GENERAL NOTES.

DATE	REVISIONS
1-1-19	Removed "15-foot rule", added
	"Blended transitions" and placement
	tolerances for detectable warnings.
1-1-18	Omitted diagonal slope at
	turning spaces and lower
	landings.

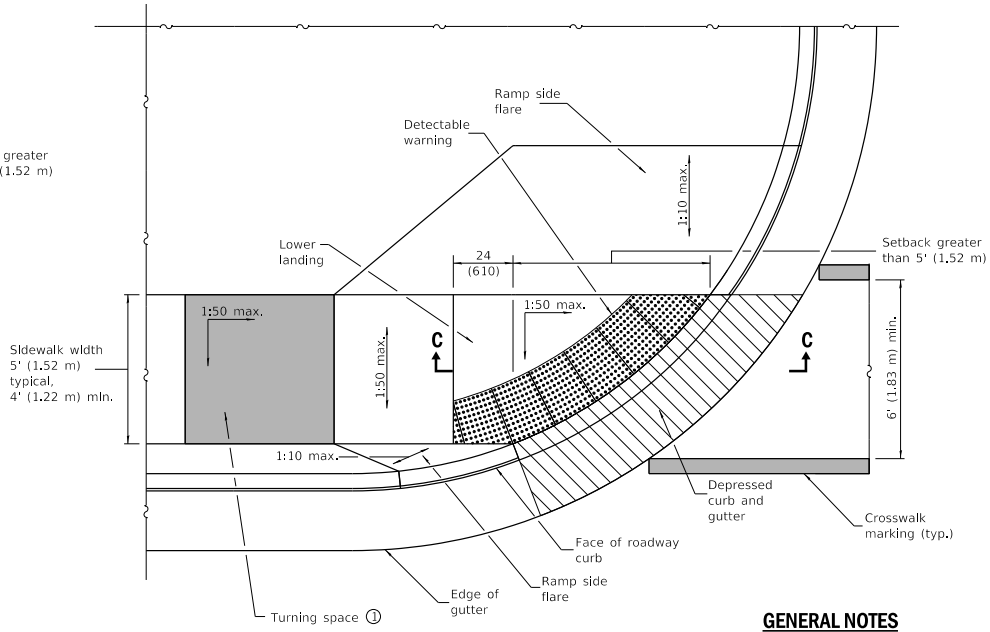
PERPENDICULAR CURB RAMPS FOR SIDEWALKS

(Sheet 1 of 2)

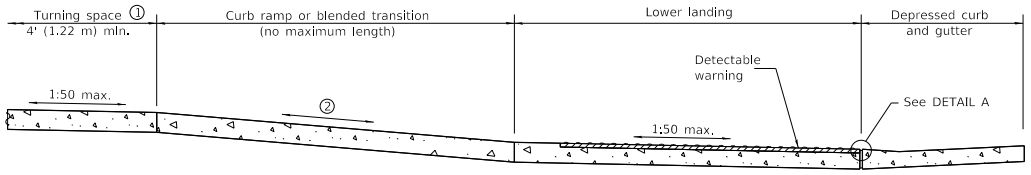
STANDARD 424001-11



RAMP IN LANDSCAPED AREA
SETBACK > 5'



RAMP IN PAVED AREA
SETBACK > 5'



SECTION C-C

① This turning space not required for blended transitions.

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

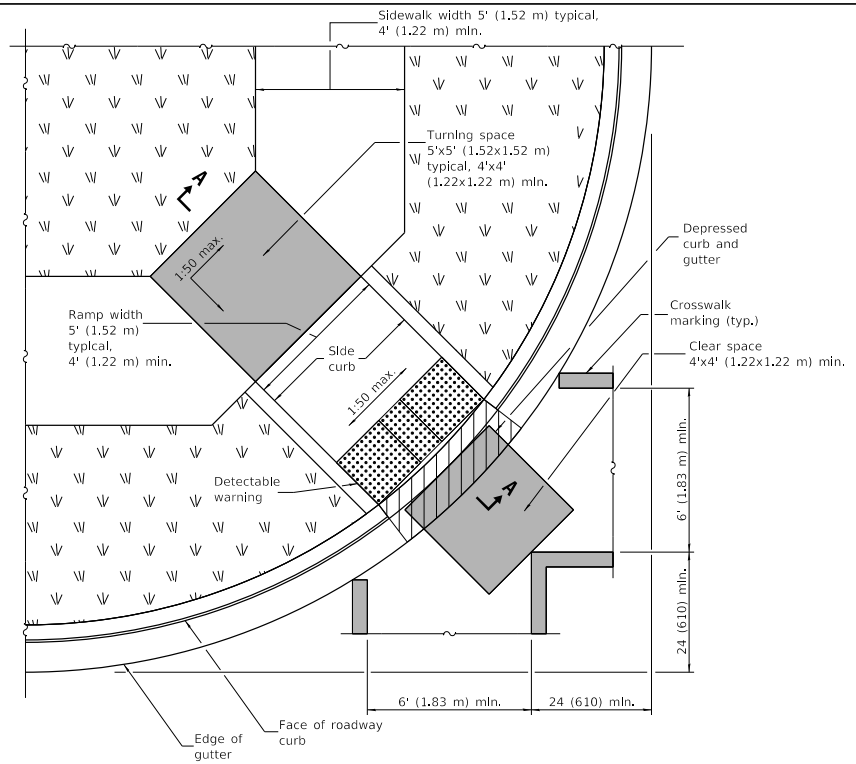
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

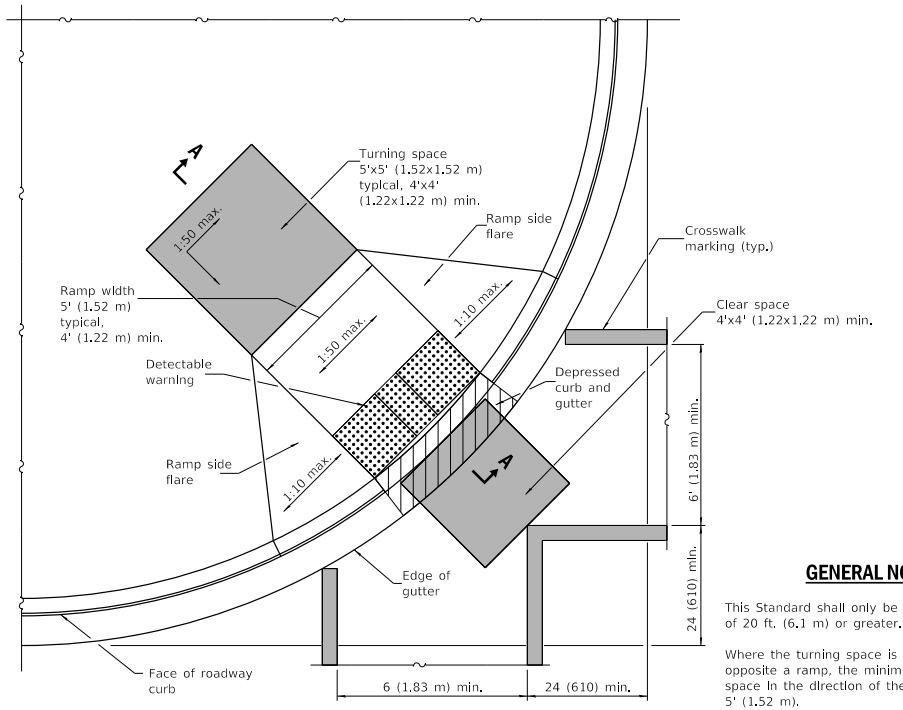
PERPENDICULAR CURB RAMPS FOR SIDEWALKS

(Sheet 2 of 2)

STANDARD 424001-11



RAMP IN LANDSCAPED AREA



RAMP IN PAVED AREA

GENERAL NOTES

This Standard shall only be used for curb radii of 20 ft. (6.1 m) or greater.

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

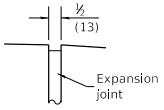
Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

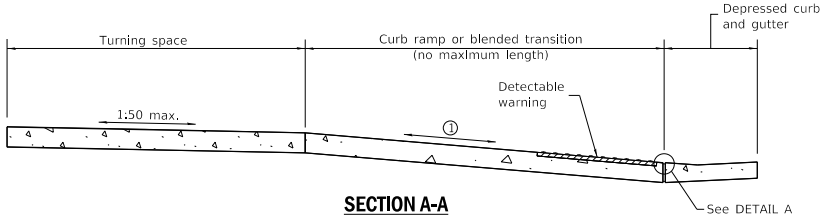
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

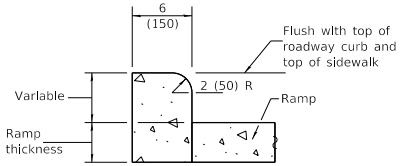


DETAIL A



SECTION A-A

① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



SIDE CURB DETAIL

Illinois Department of Transportation

PASSED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

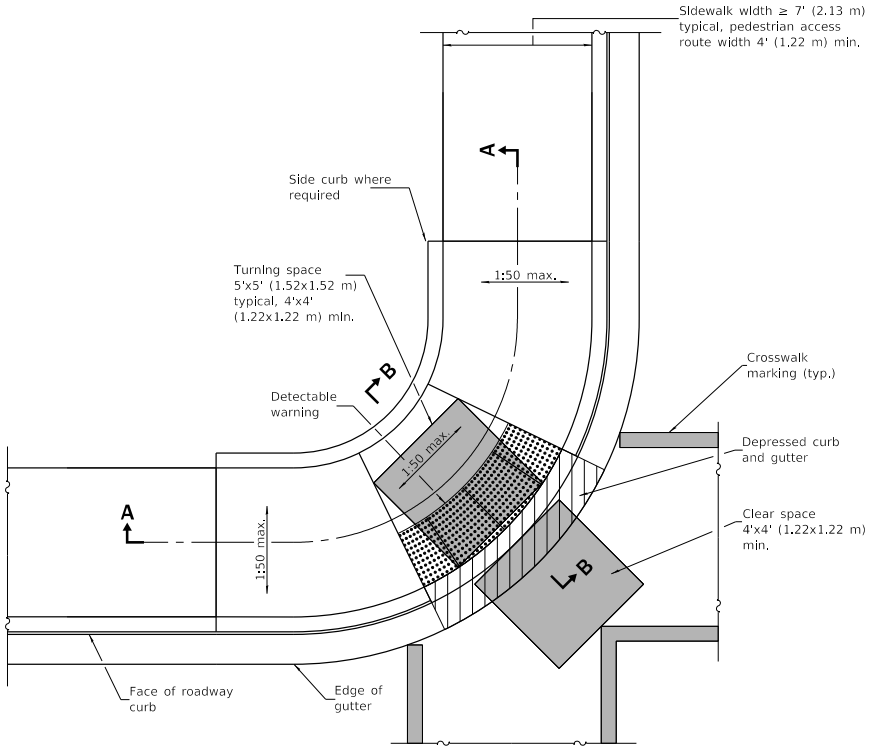
APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12

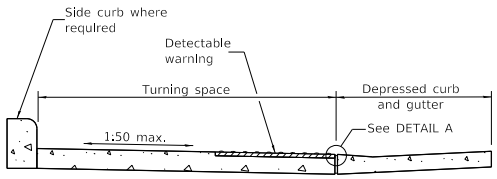
DATE	REVISIONS
1-1-21	Clarified minimum crosswalk width
	and locations.
1-1-19	Removed "15-foot rule", added
	"blended transitions" and placement
	tolerances for detectable warnings.

DIAGONAL CURB RAMPS FOR SIDEWALKS

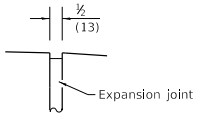
STANDARD 424006-05



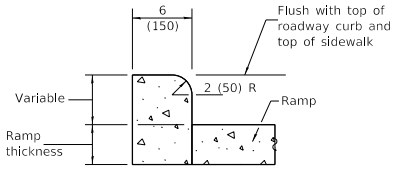
CORNER PARALLEL CURB RAMP



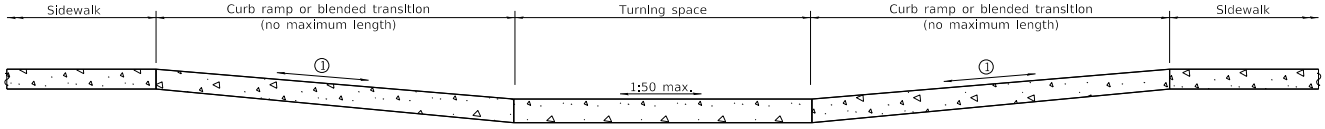
SECTION B-B



DETAIL A



SIDE CURB DETAIL



SECTION A-A

① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

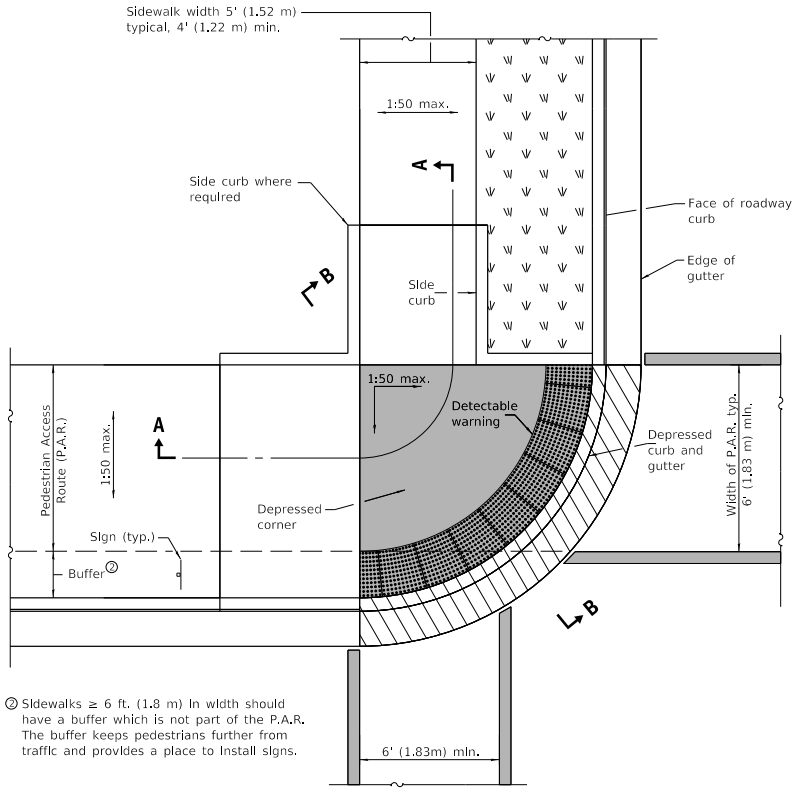
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12

DATE	REVISIONS
1-1-19	Removed upper landing, added
	blended transition and detectable
	warning tolerances.
1-1-17	Revised sidewalk width to
	include 24 (610) buffer
	behind curb.

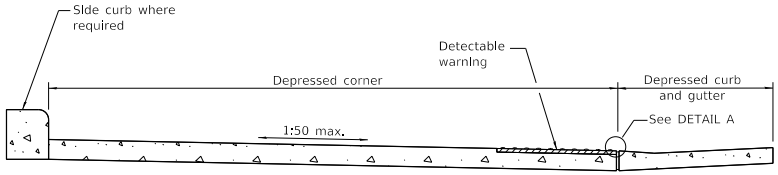
CORNER PARALLEL CURB RAMPS FOR SIDEWALKS

STANDARD 424011-04

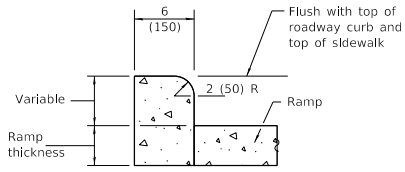


② Sidewalks ≥ 6 ft. (1.8 m) in width should have a buffer which is not part of the P.A.R. The buffer keeps pedestrians further from traffic and provides a place to install signs.

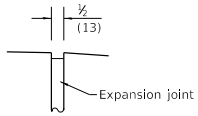
DEPRESSED CORNER



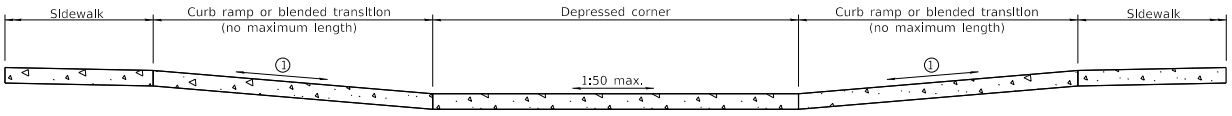
SECTION B-B



SIDE CURB DETAIL



DETAIL A



SECTION A-A

① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

GENERAL NOTES

This standard shall only be used for curb radii of 6 ft. (1.83 m) or greater.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal tolerances but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in. width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

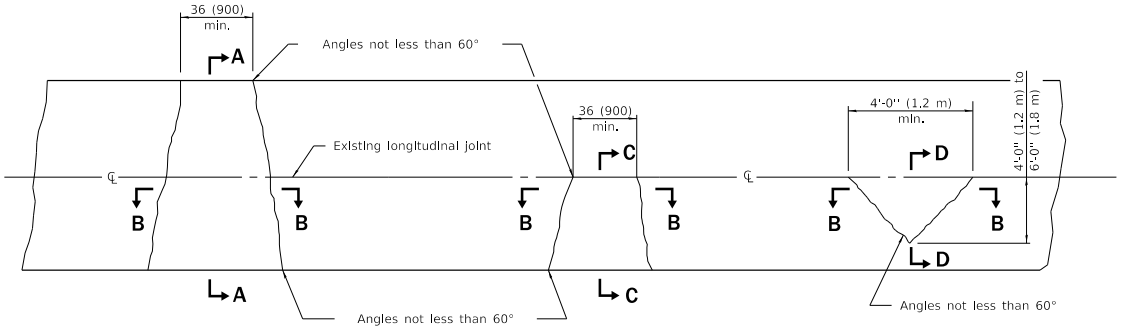
ISSUED 1-1-21

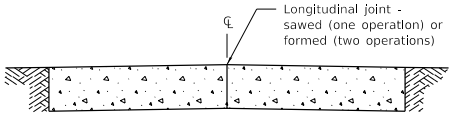
DATE	REVISIONS
1-1-21	Added crosswalk striping and
	a "buffer" for wide sidewalks.
1-1-19	Removed upper landings, added
	blended transition and detectable
	warning tolerances.

DEPRESSED CORNER FOR SIDEWALKS

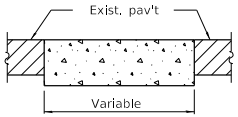
STANDARD 424021-06

CLASS C

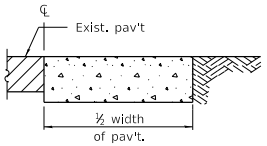




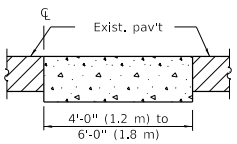
SECTION A-A



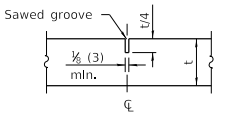
SECTION B-B



SECTION C-C



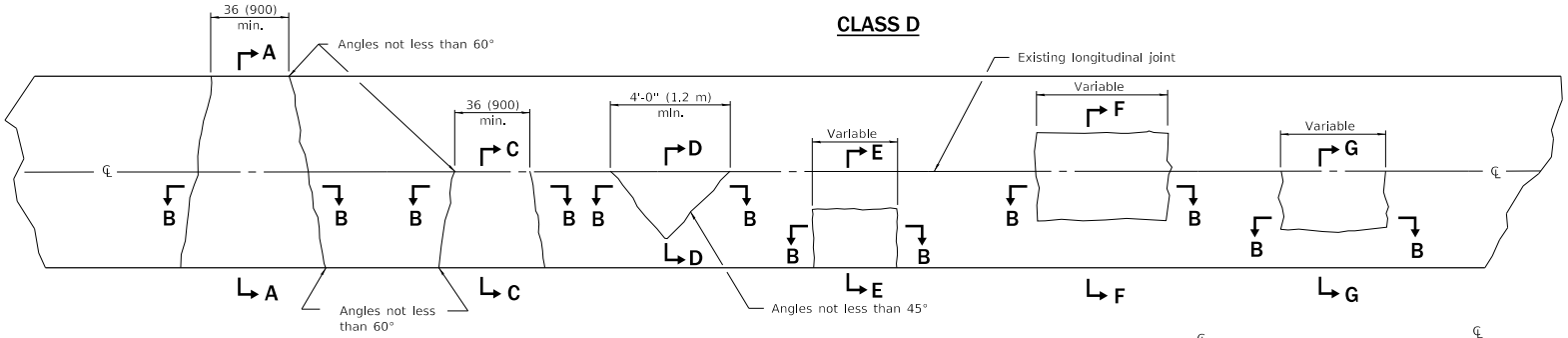
SECTION D-D

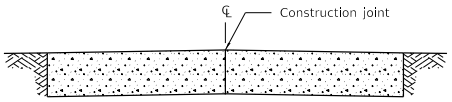


DETAIL OF SAWED CONTRACTION JOINT

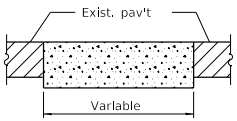
Note:
Longitudinal joints shall be as detailed on Standard 420001, except tie bars are not required for patches 20'-0" (6.0 m) or less in length.

CLASS D

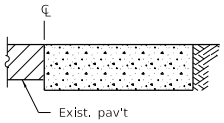




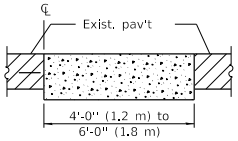
SECTION A-A
(Built in two operations)



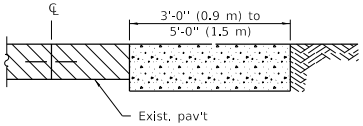
SECTION B-B



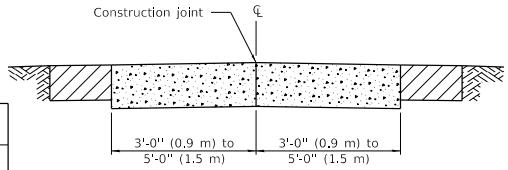
SECTION C-C



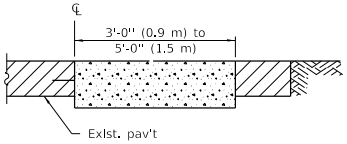
SECTION D-D



SECTION E-E



SECTION F-F
(Built in two operations)



SECTION G-G

GENERAL NOTES

Existing tie bars shall be either cut or removed. Marginal bars shall be cut.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

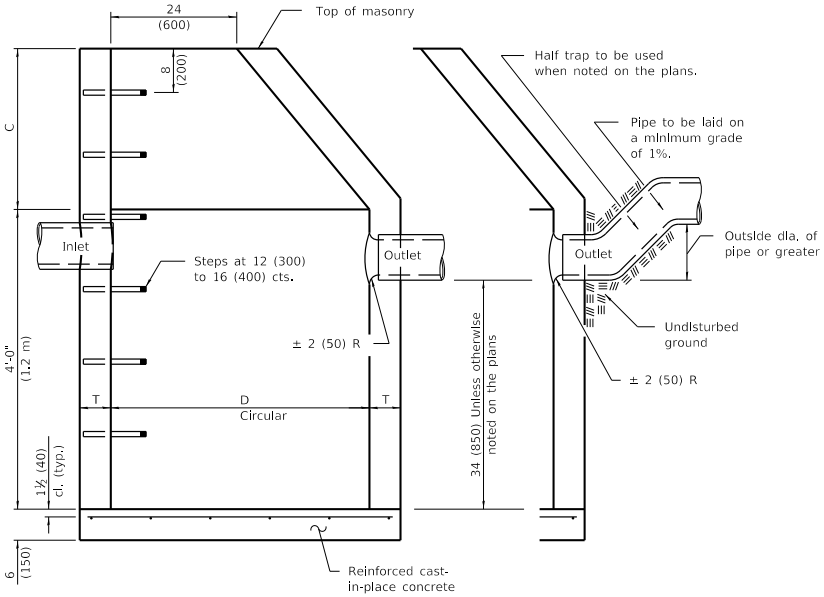
PASSED January 1, 2008
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2008
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-08	Switched units to
	English (metric).
1-1-07	Revised Note for
	Class C patches.

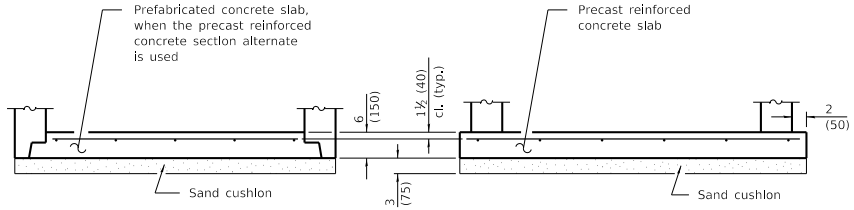
CLASS C and D PATCHES

STANDARD 442201-03



ELEVATION
(Standard Outlet)

ELEVATION
(Half Trap)



ALTERNATE BOTTOM SLAB

ALTERNATE MATERIALS FOR WALLS	D	C*	T (min.)
Concrete Masonry Unit	4'-0" (1.2 m) 5'-0" (1.5 m)	30 (750) 3'-9" (1.15 m)	5 (125) 5 (125)
Brick Masonry	4'-0" (1.2 m) 5'-0" (1.5 m)	30 (750) 3'-9" (1.15 m)	8 (200) 8 (200)
Precast Reinforced Concrete Section	4'-0" (1.2 m) 5'-0" (1.5 m)	30 (750) 3'-9" (1.15 m)	4 (100) 5 (125)
Cast-in-place Concrete	4'-0" (1.2 m) 5'-0" (1.5 m)	30 (750) 3'-9" (1.15 m)	6 (150) 6 (150)

* For precast reinforced concrete sections, dimension "C" may vary from the dimension given to plus 6 (150).

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.20 sq. in./ft (420 sq. mm/m) in both directions with a maximum spacing of 12 (300).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

See Standard 602601 for optional precast reinforced concrete flat slab top.

See Standard 602701 for details of steps.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2011
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

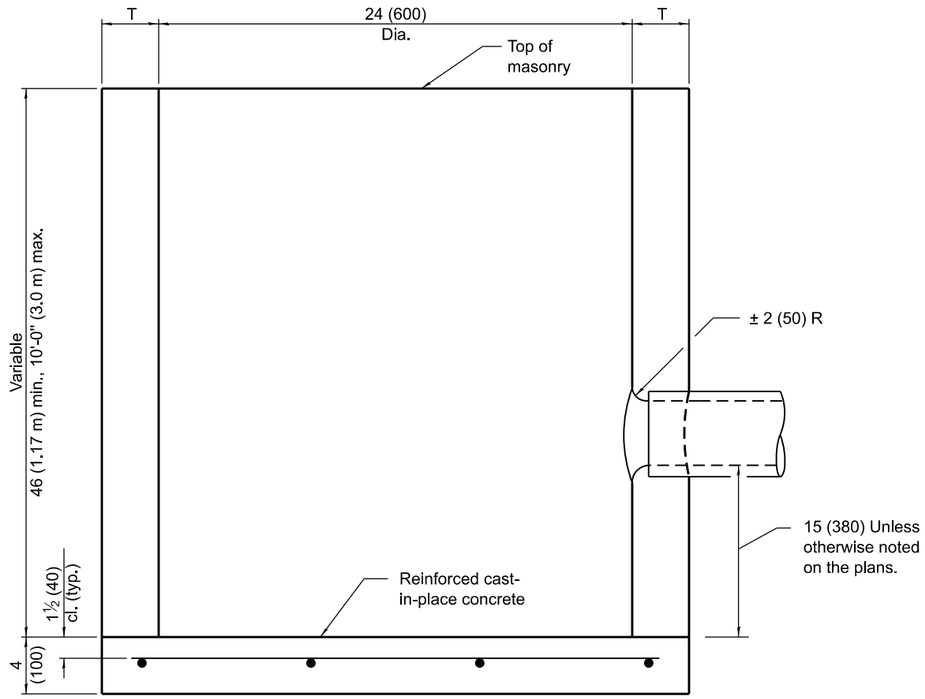
APPROVED January 1, 2011
Scott Bess
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-11	Added 'Outside' to half trap
	note. Detail rein. in slabs.
	Revised general notes.
1-1-09	Switched units to
	English (metric).

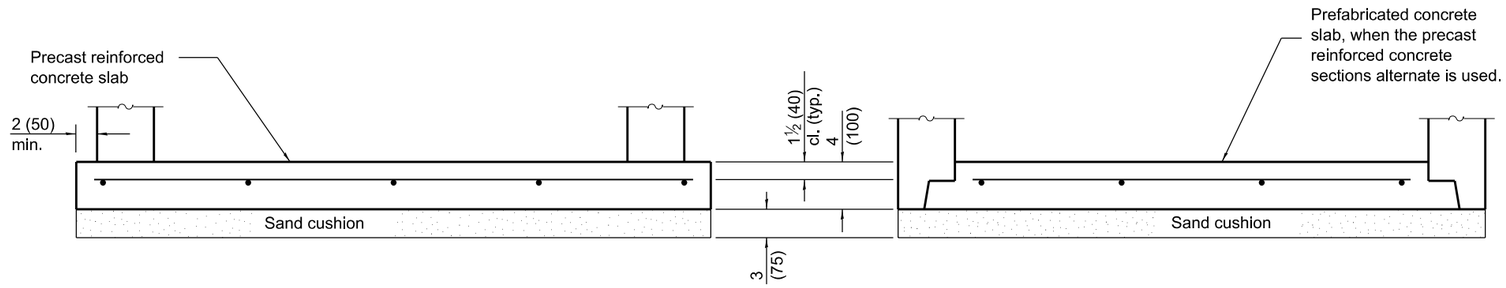
CATCH BASIN TYPE A

STANDARD 602001-02



ALTERNATE MATERIALS FOR WALLS	T (min)
Precast Reinforced Concrete Section	3 (75)
Concrete Masonry Unit	5 (125)
Cast-in-Place Concrete	6 (150)
Brick Masonry	8 (200)

ELEVATION



ALTERNATE BOTTOM SLAB

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.27 sq. in./ft. (570 sq. mm/m) in both directions with a maximum spacing of 9 (230).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2011
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

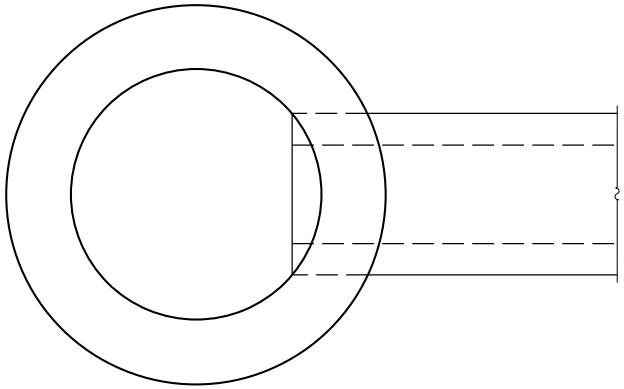
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-11	Detailed rein. in slabs. Added
	max limit to height. Added
	general notes.
1-1-09	Switched units to English (metric).

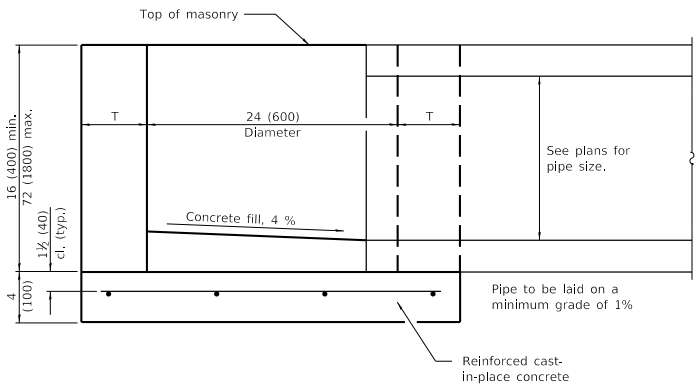
CATCH BASIN TYPE C

STANDARD 602011-02

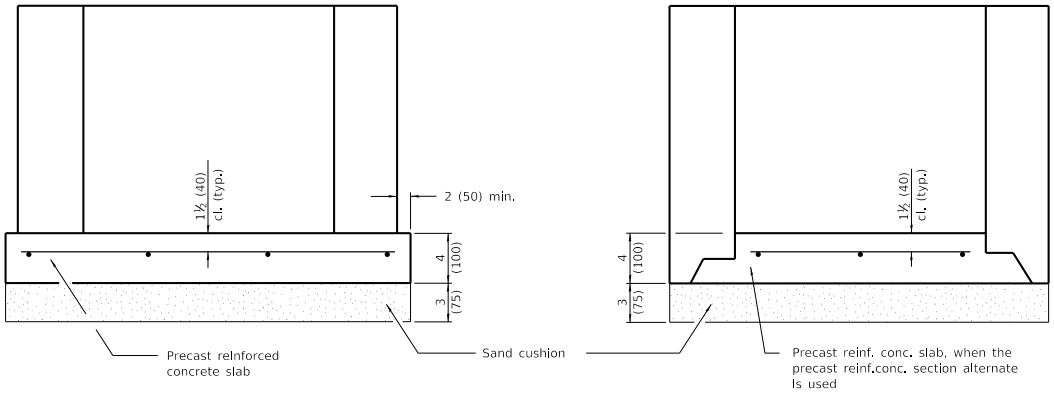


PLAN

ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8 (200)
CAST-IN-PLACE CONCRETE	6 (150)
CONCRETE MASONRY UNIT	5 (125)
PRECAST REINFORCED CONCRETE SECTION	3 (75)



ELEVATION



ALTERNATE METHODS

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.24 sq. in./ft. (510 sq. mm/m) in both directions with a maximum spacing of 10 (250).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2014
ENGINEER OF POLICY AND PROCEDURES

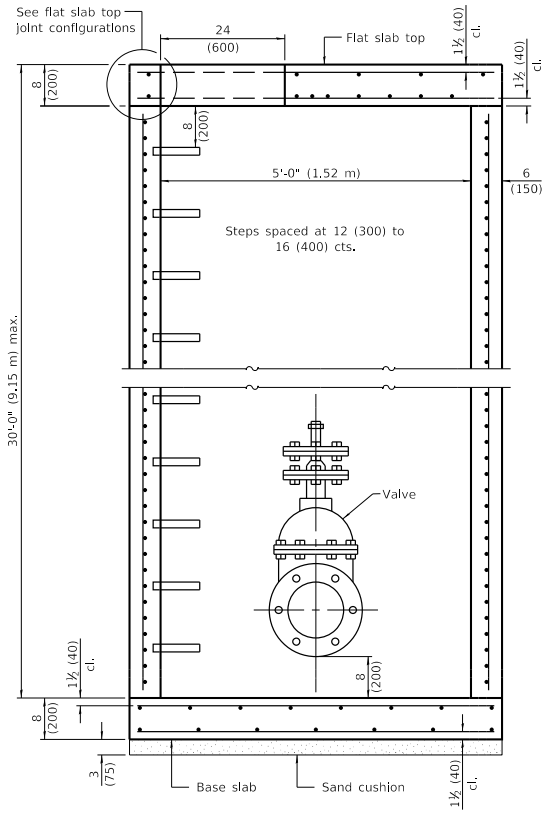
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

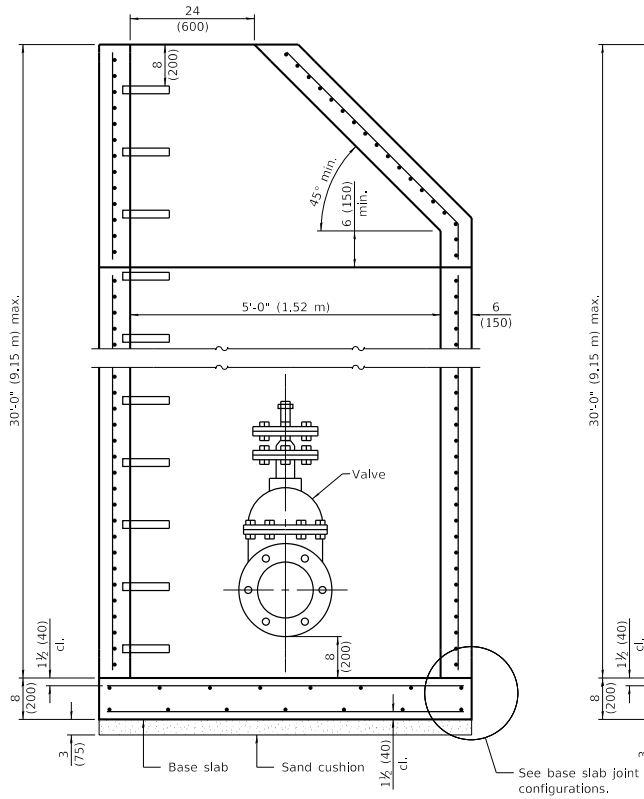
DATE	REVISIONS
1-1-14	Increased height to
	72 (1800) maximum.
1-1-11	Detailed rein. in slabs.
	Added max. limit to height.
	Added general notes.

INLET - TYPE A

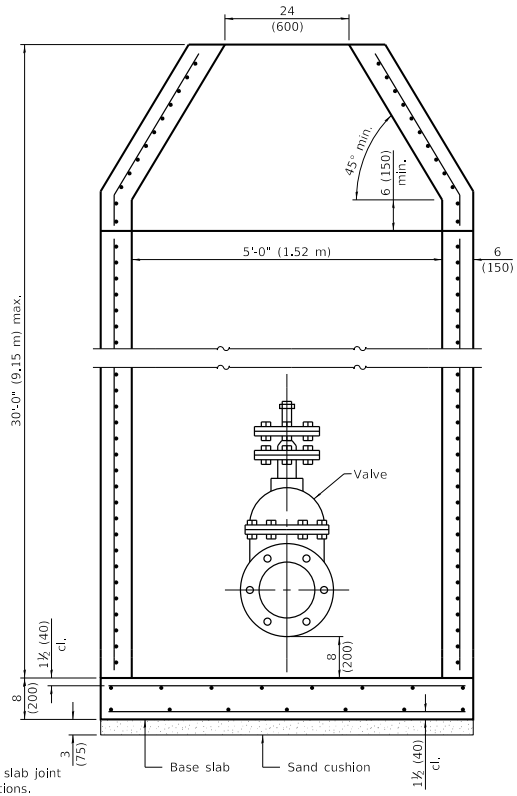
STANDARD 602301-04



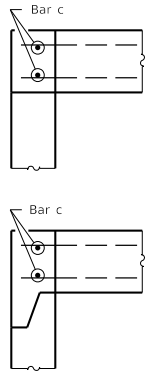
SECTION THRU VALVE VAULT
(Without conical top)



SECTION THRU VALVE VAULT
(With conical top)



SECTION THRU VALVE VAULT
(With concentric conical top)



FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access hole)

GENERAL NOTES

Use this standard for water mains ≥ 10 (250).

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

See Standard 602701 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

Illinois Department of Transportation

PASSED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

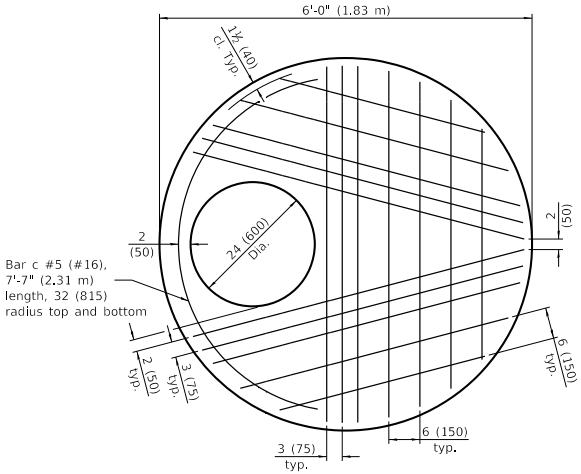
ISSUED 1-1-18

DATE	REVISIONS
1-1-21	Revised lifting hole general note.
3-1-19	Moved wall reinforcement from
	inside face to middle.

PRECAST VALVE VAULT TYPE A 5' (1.52 m) DIAMETER

(Sheet 1 of 2)

STANDARD 602506-03



PLAN - FLAT SLAB TOP

(Showing layout of bottom reinforcement bars and c bars)

FLAT SLAB TOP REINFORCEMENT

Location	WWR (each direction)		Rebar (each direction except as noted)		
	A_S (min.)	Spacing (max.)	A_S (min.)	Spacing (max.)	Bar Size
Top Mat	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #4 (#10) (#13)
Bottom Mat	* 0.40 sq. in./ft. (847 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#4 (#13)

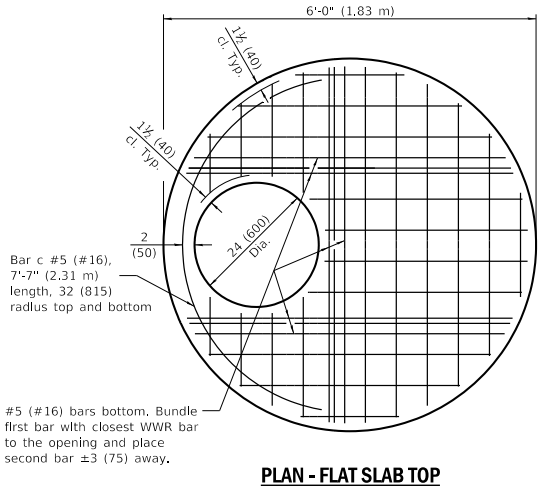
* Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Orientation	WWR or Rebar	
	A_S (min.)	Spacing (max.)
Circumferential	0.15 sq. in./ft. (318 sq. mm/m)	6 (150)
Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)

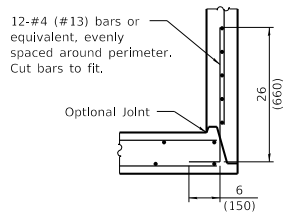
BASE SLAB REINFORCEMENT

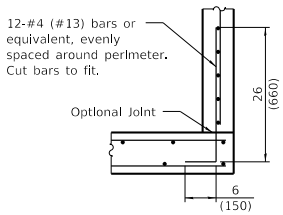
Location	Total Height	WWR or Rebar (each direction)	
		A_S (min.)	Spacing (max.)
Top Mat	≤ 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10 (250)
	> 20 ft. (6.10 m)	0.28 sq. in./ft. (593 sq. mm/m)	8 (200)
Bottom Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)

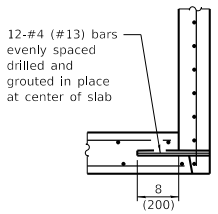


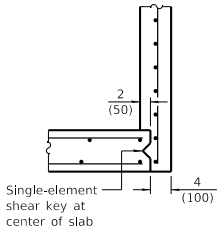
PLAN - FLAT SLAB TOP

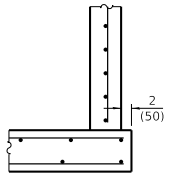
(Showing layout of welded wire reinforcement and c bars)



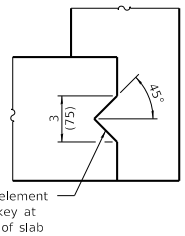








BASE SLAB JOINT CONFIGURATIONS



SHEAR KEY GEOMETRY

(Reinforcement not shown for clarity)

Illinois Department of Transportation

PASSED January 1, 2021

ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021

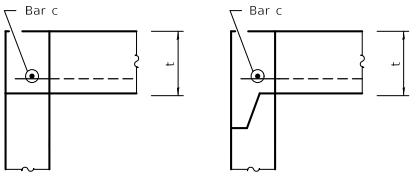
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-18

PRECAST VALVE VAULT TYPE A 5' (1.52 m) DIAMETER

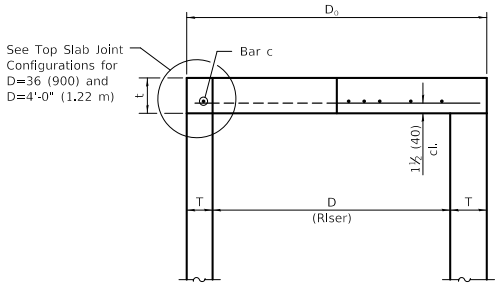
(Sheet 2 of 2)

STANDARD 602506-03

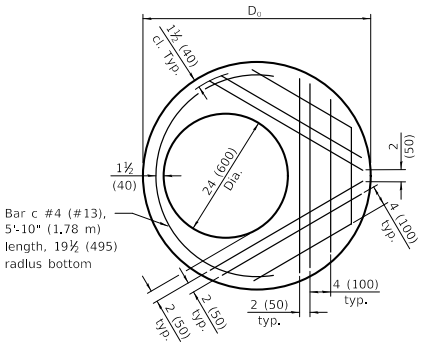


FLAT SLAB TOP JOINT CONFIGURATIONS FOR D = 36 (900) AND D = 4'-0" (1.22 m)

(Shown at access hole)

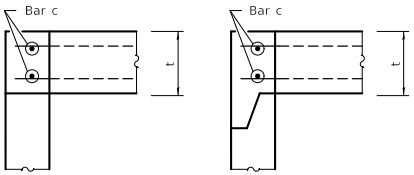


SECTION THRU FLAT SLAB TOP FOR D = 36 (900) AND D = 4'-0" (1.22 m)



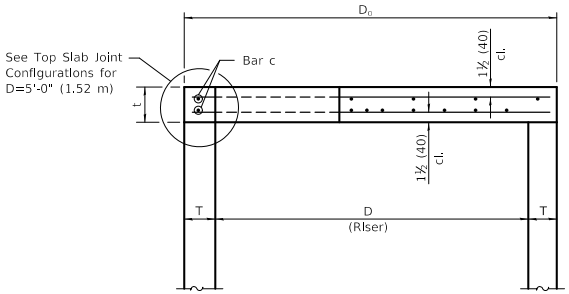
PLAN - FLAT SLAB TOP FOR D = 36 (900)

(Showing layout of reinforcement bars and c bars)

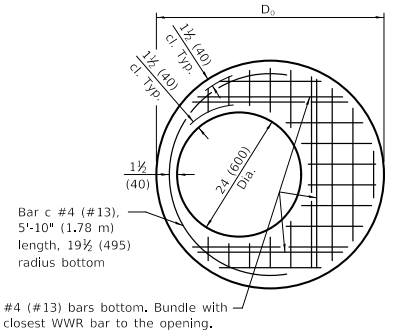


FLAT SLAB TOP JOINT CONFIGURATIONS D = 5'-0" (1.52 m)

(Shown at access hole)



SECTION THRU FLAT SLAB TOP FOR D = 5'-0" (1.52 m)



PLAN - FLAT SLAB TOP FOR D = 36 (900)

(Showing layout of welded wire reinforcement and c bars)

TABLE

D	T	D_o (min.)	t
36 (900)	See applicable Standards	D + 2T	6 (150)
4'-0" (1.2 m)			6 (150)
5'-0" (1.5 m)			8 (200)

GENERAL NOTES

The flat slab top may be used in lieu of the tapered tops shown on Standards 602001, 602016, or 602306 at the option of the Contractor or when field conditions prohibit the use of tapered tops.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

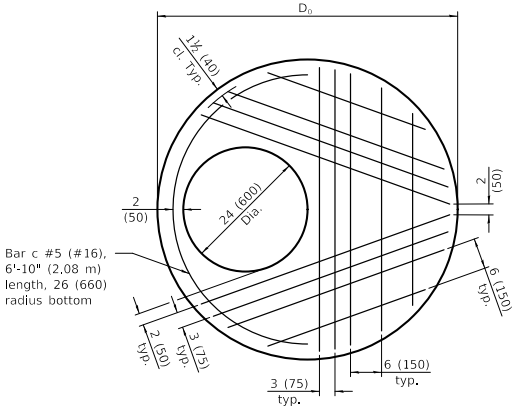
ISSUED 1-1-97

DATE	REVISIONS
1-1-19	Expanded / refined reinforcement
	options.
1-1-18	Revised for compliance with
	LRFD.

PRECAST REINFORCED CONCRETE FLAT SLAB TOP

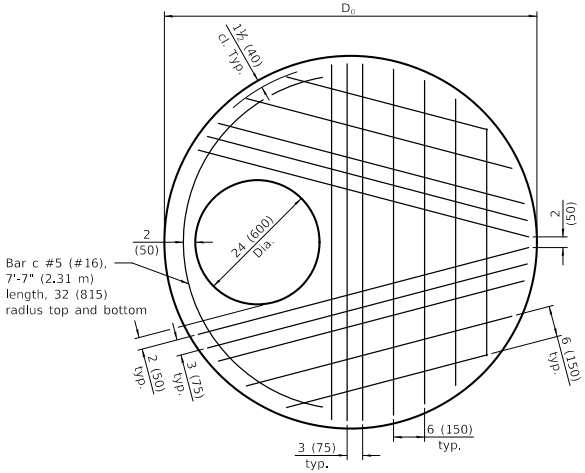
(Sheet 1 of 2)

STANDARD 602601-06



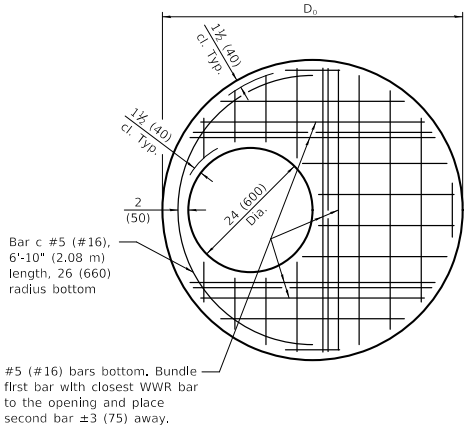
PLAN - FLAT SLAB TOP FOR D = 4'-0" (1,22 m)

(Showing layout of reinforcement bars and c bars)



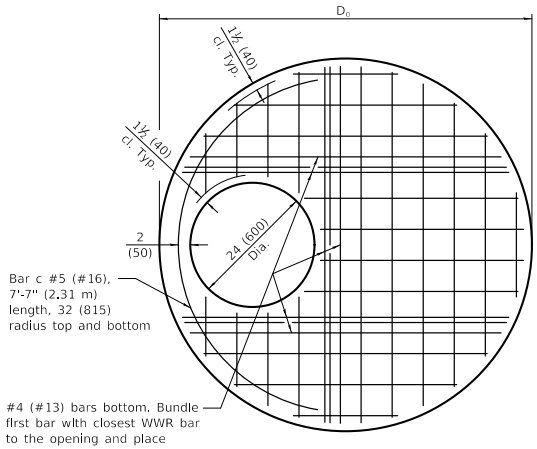
PLAN - FLAT SLAB TOP FOR D = 5'-0" (1,52 m)

(Showing layout of bottom reinforcement bars and c bars)



PLAN - FLAT SLAB TOP FOR D = 4'-0" (1.22 m)

(Showing layout of welded wire reinforcement and c bars)



PLAN - FLAT SLAB TOP FOR D = 5'-0" (1.52 m)

(Showing layout of welded wire reinforcement and c bars)

FLAT SLAB TOP REINFORCEMENT FOR D = 36 (900)

Location	WWR (each direction)		Rebar		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Bottom Mat	* 0.60 sq. in./ft. (1270 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#4 (#13)

FLAT SLAB TOP REINFORCEMENT FOR D = 4'-0" (1.22 m)

Location	WWR (each direction)		Rebar		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Bottom Mat	* 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)

FLAT SLAB TOP REINFORCEMENT FOR D = 5'-0" (1.52 m)

Location	WWR (each direction)		Rebar (each direction except as noted)		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Top Mat	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #4 (#10) (#13)
Bottom Mat	* 0.40 sq. in./ft. (847 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#4 (#13)

* Only one layer of WWR permitted to avoid congestion.

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

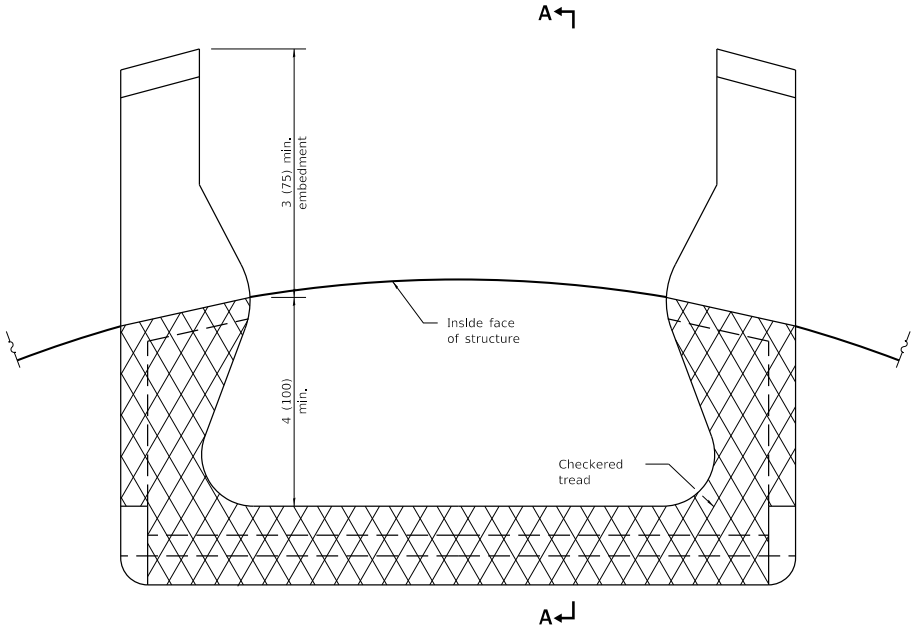
ISSUED 1-1-07

PRECAST REINFORCED CONCRETE FLAT SLAB TOP

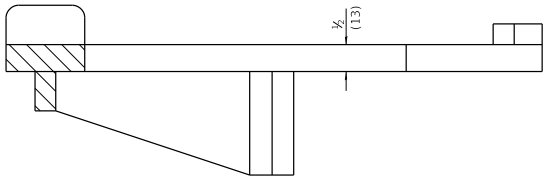
(Sheet 2 of 2)

STANDARD 602601-06

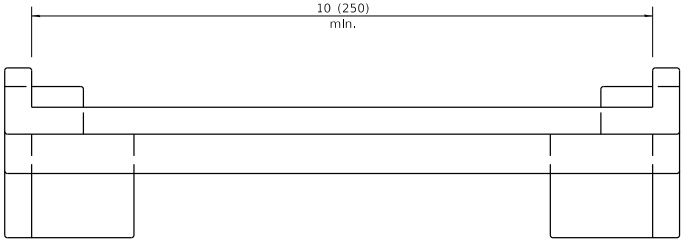
CAST IRON STEPS



PLAN VIEW



SECTION A-A



ELEVATION VIEW

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2009
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

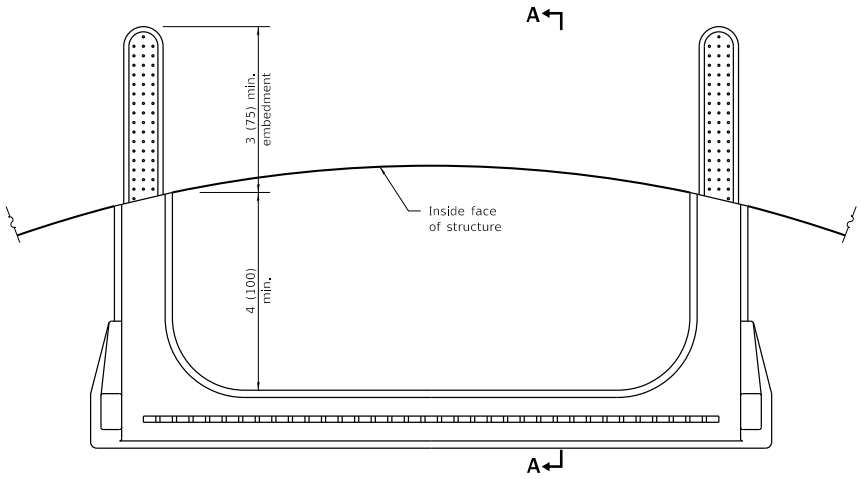
ISSUED 1-1-07

DATE	REVISIONS
1-1-09	Switched units to
	English (metric).
4-1-06	Revised title, drawings,
	and added plastic
	steps on sheet 2.

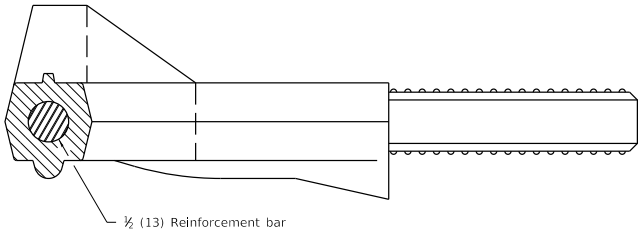
MANHOLE STEPS

(Sheet 1 of 2)

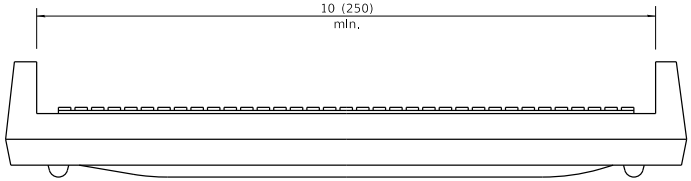
STANDARD 602701-02



PLAN VIEW



SECTION A-A



ELEVATION VIEW

Illinois Department of Transportation

PASSED January 1, 2009
ENGINEER OF POLICY AND PROCEDURES

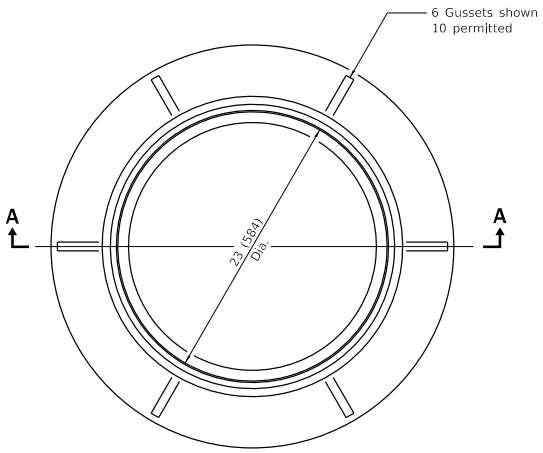
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

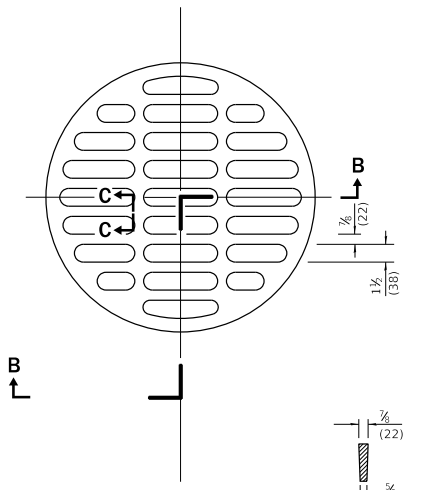
MANHOLE STEPS

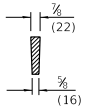
(Sheet 2 of 2)

STANDARD 602701-02

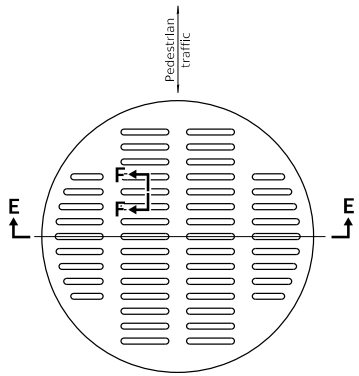


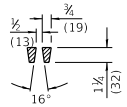
CAST FRAME



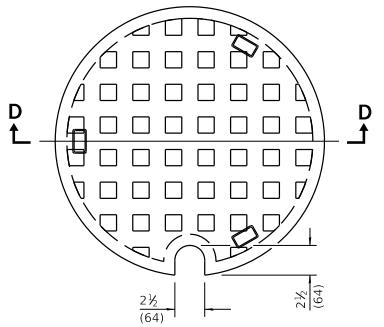


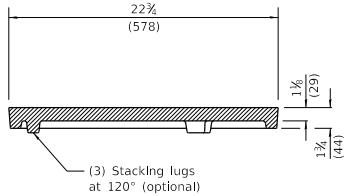
SECTION C-C





SECTION F-F

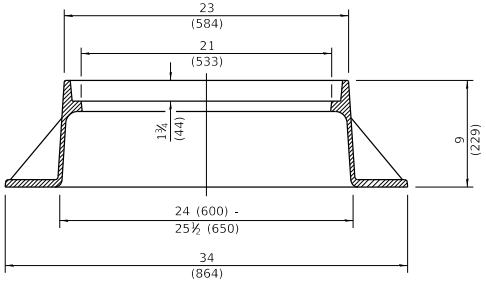




SECTION D-D

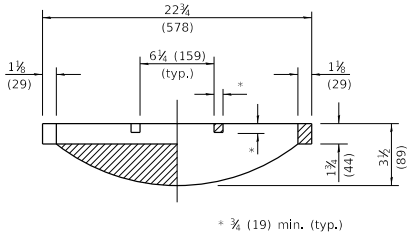
CAST CLOSED LID

Gray Iron Lid



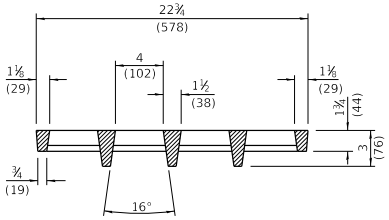
SECTION A-A

Gray Iron



SECTION B-B

CAST OPEN LID



SECTION E-E

ADA COMPLIANT
CAST OPEN LID

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2020
ENGINEER OF POLICY AND PROCEDURES

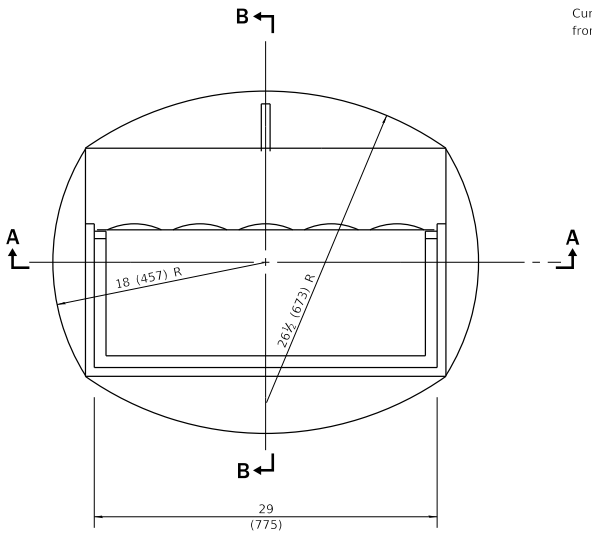
APPROVED January 1, 2020
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

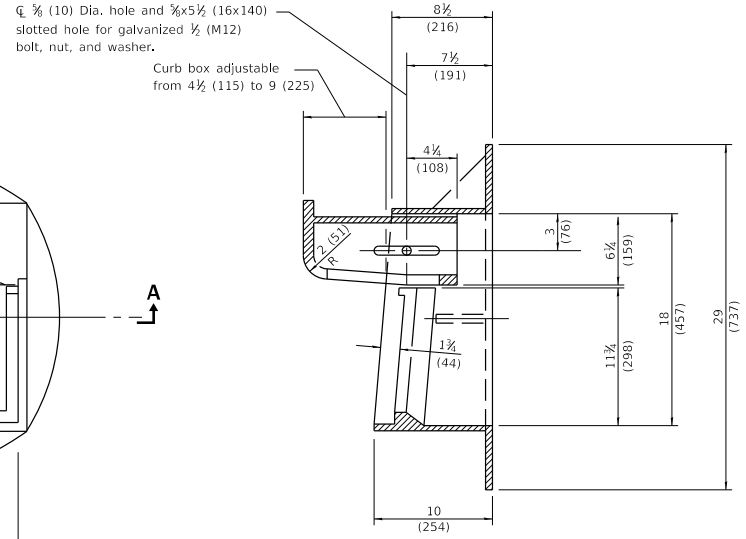
DATE	REVISIONS
1-1-20	Revised dimension in Section B-B
	of cast open lid.
1-1-15	Revised dimensioning of
	frame. Added ADA compliant
	open lid.
1-1-09	Switched units to English (metric).

FRAME AND LIDS TYPE 1

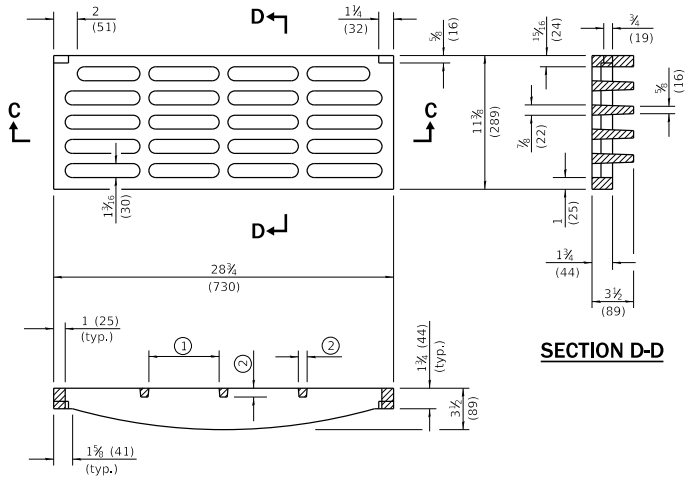
STANDARD 604001-05



CAST FRAME



SECTION B-B

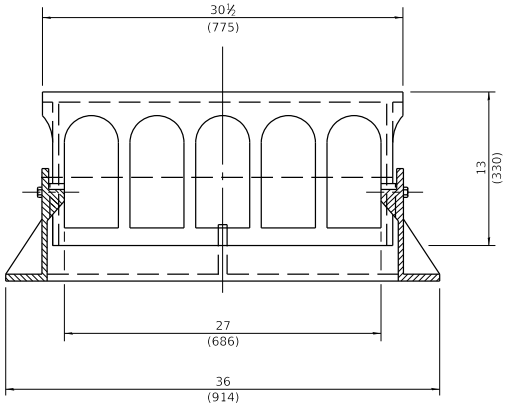


SECTION D-D

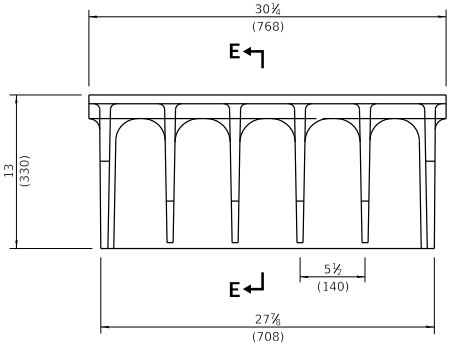
SECTION C-C

① = 6¼ (159) max. (typ.)
② = ¾ (19) min. (typ.)

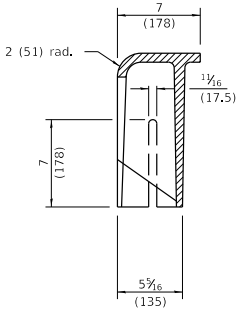
CAST GRATE



SECTION A-A



ALTERNATE CURB BOX



SECTION E-E

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

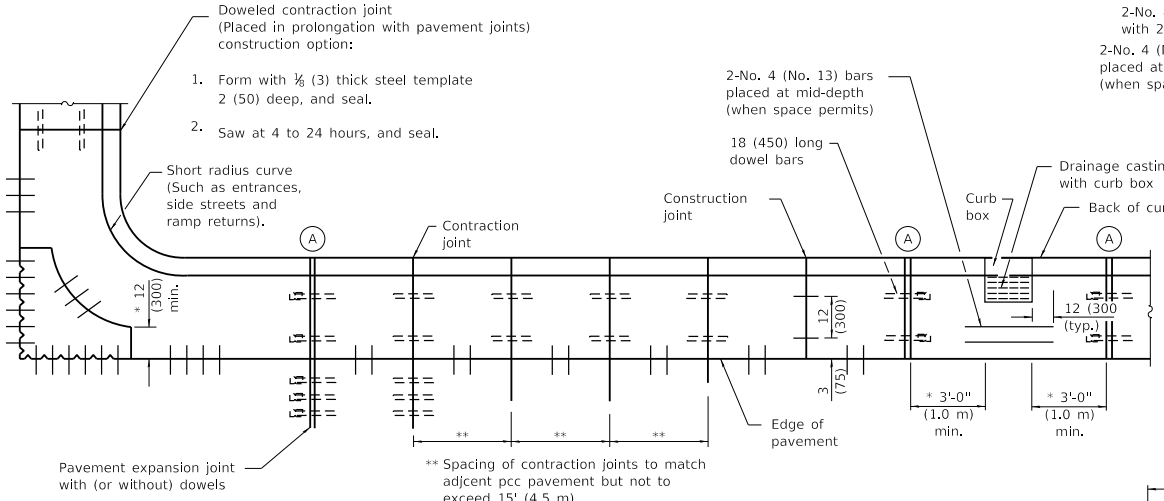
PASSED January 1, 2015
Michael Briand
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-15

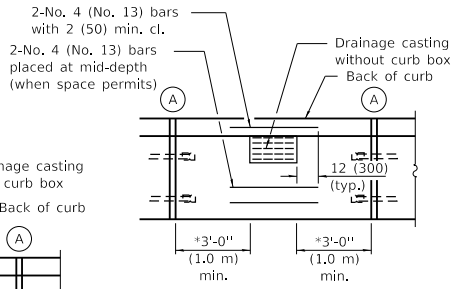
DATE	REVISIONS
1-1-15	Revised dimensions of frame
	and alternate curb box.
4-1-09	Switched units to
	English (metric).

FRAME AND GRATE TYPE 11

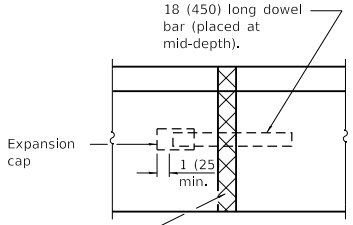
STANDARD 604051-04



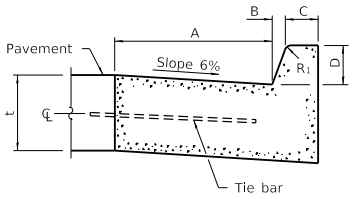
PLAN
ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE



* This dimension shall be adjusted to align with joint on the adjacent pavement



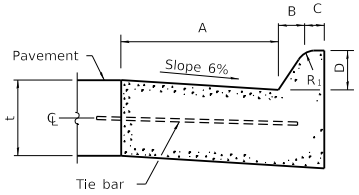
DETAIL (A)
EXPANSION JOINT



BARRIER CURB

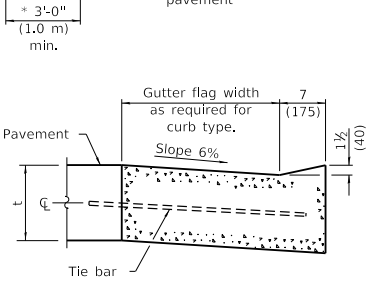
TABLE OF DIMENSIONS BARRIER CURB					
TYPE	A	B	C	D	R_1
B-6.06 ✱ (B-15.15)	6 (150)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.12 (B-15.3)	12 (300)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.18 (B-15.45)	18 (450)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.24 (B-15.60)	24 (600)	1 (25)	6 (150)	6 (150)	1 (25)
B-9.12 (B-22.30)	12 (300)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.18 (B-22.45)	18 (450)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.24 (B-22.60)	24 (600)	2 (50)	5 (125)	9 (225)	1 (25)

✱ For corner islands only.

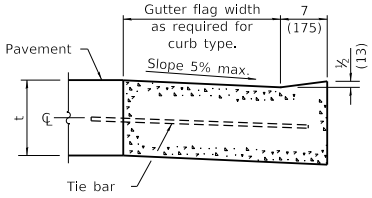


MOUNTABLE CURB

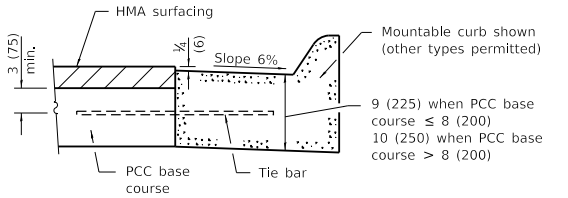
TABLE OF DIMENSIONS MOUNTABLE CURB						
TYPE	A	B	C	D	R_1	R_2
M-2.06 (M-5.15)	6 (150)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-2.12 (M-5.30)	12 (300)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-4.06 (M-10.15)	6 (150)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.12 (M-10.30)	12 (300)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.18 (M-10.45)	18 (450)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.24 (M-10.60)	24 (600)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-6.06 (M-15.15)	6 (150)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.12 (M-15.30)	12 (300)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.18 (M-15.45)	18 (450)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.24 (M-15.60)	24 (600)	6 (150)	2 (50)	6 (150)	2 (50)	NA



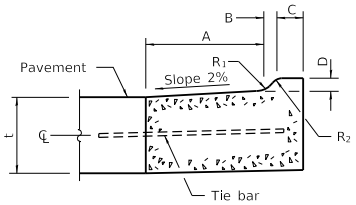
DEPRESSED CURB (TYPICAL)



DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING



M-2.06 (M-5.15) and M-2.12 (M-5.30)

GENERAL NOTES

The bottom slope of combination curb and gutter constructed adjacent to pcc pavement shall be the same slope as the subbase or 6% when subbase is omitted.

t = Thickness of pavement.

Longitudinal joint tie bars shall be No. 6 (No. 19) at 36 (900) centers in accordance with details for longitudinal construction joint shown on Standard 420001.

A minimum clearance of 2 (50) between the end of the tie bar and the back of the curb shall be maintained.

The dowel bars shown in contraction joints will only be required for monolithic construction.

See Standard 606301 for details of corner islands.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2022
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2022
ENGINEER OF DESIGN AND ENVIRONMENT

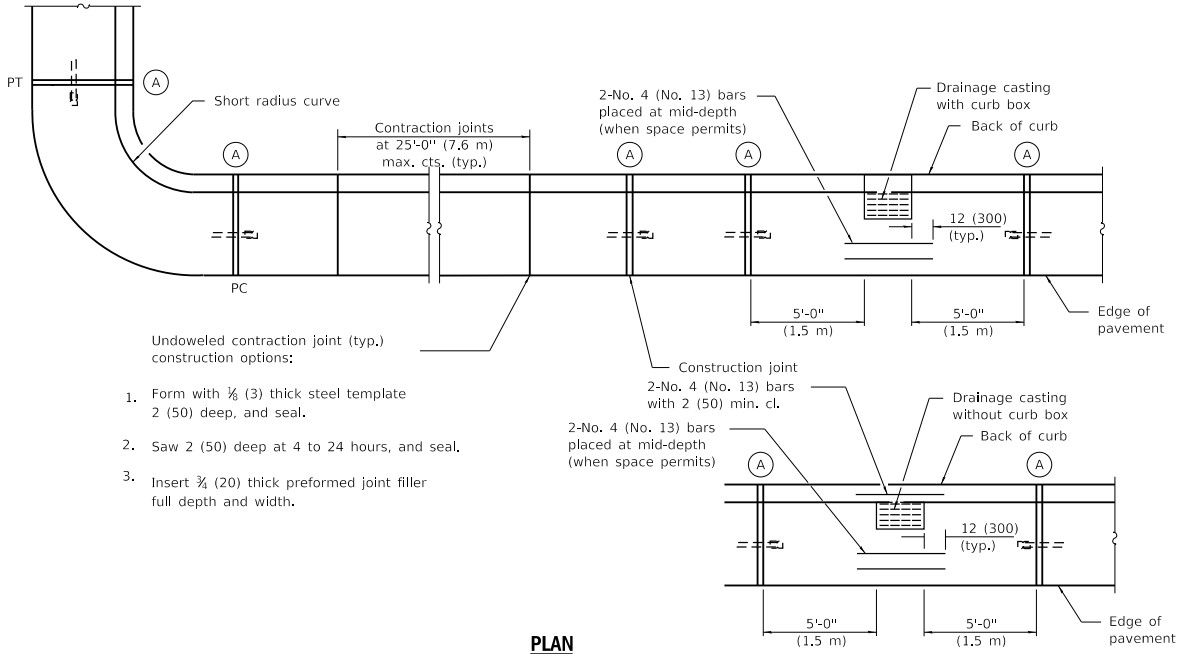
ISSUED 1-1-97

DATE	REVISIONS
1-1-22	Revised contraction joint spacing
	adjacent to pcc pavement.
1-1-18	Revised General Note for tie
	bar spacing to 36 (900) cts.

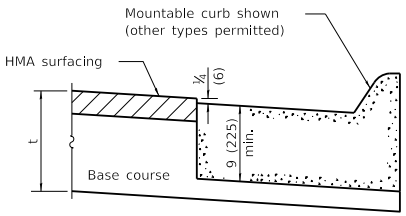
CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 1 of 2)

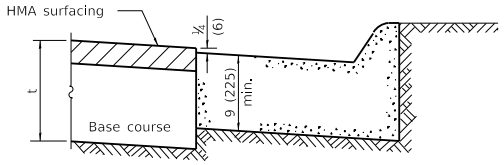
STANDARD 606001-08



PLAN

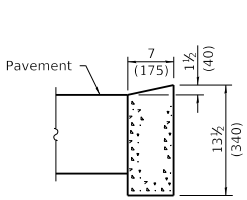


ON DISTURBED SUBGRADE

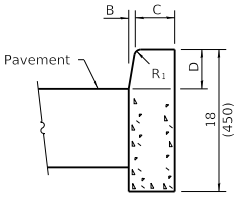


ON UNDISTURBED SUBGRADE

ADJACENT TO FLEXIBLE PAVEMENT

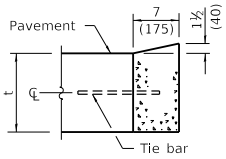


DEPRESSED CURB

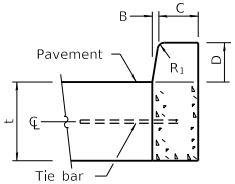


BARRIER CURB

ADJACENT TO FLEXIBLE PAVEMENT



DEPRESSED CURB



BARRIER CURB

ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

ADJACENT TO FLEXIBLE PAVEMENT

Illinois Department of Transportation

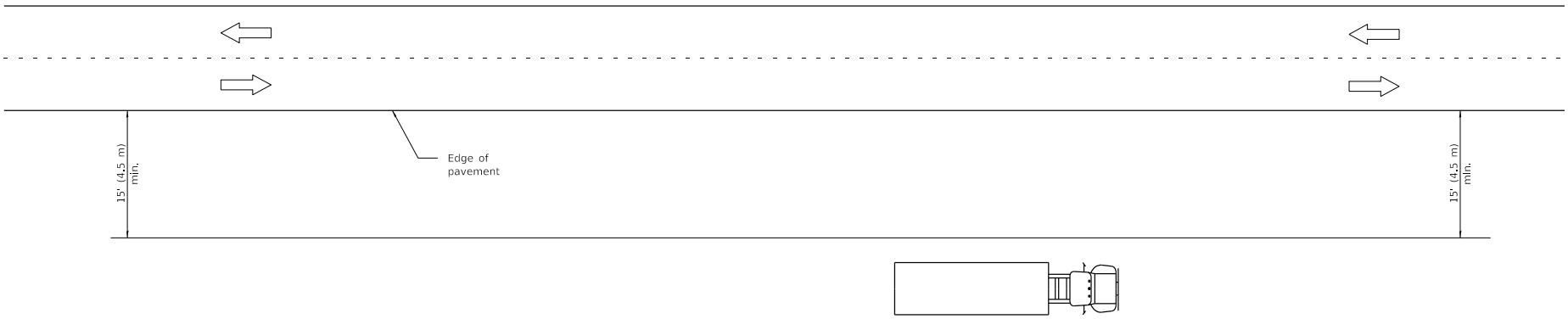
PASSED January 1, 2022
Michael Brand
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2022
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 2 of 2)

STANDARD 606001-08



TYPICAL APPLICATIONS

Landscaping work

Utility work

Fencing contracts and maintenance

Cleaning culverts

GENERAL NOTES

This Standard is used where at all times all vehicles, equipment, workers or their activities are more than 15' (4.5 m) from the edge of pavement.

When the work operation requires that two or more work vehicles cross the 15' (4.5 m) clear zone in any one hour, traffic control shall be according to Standard 701006.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2009
ENGINEER OF OPERATIONS

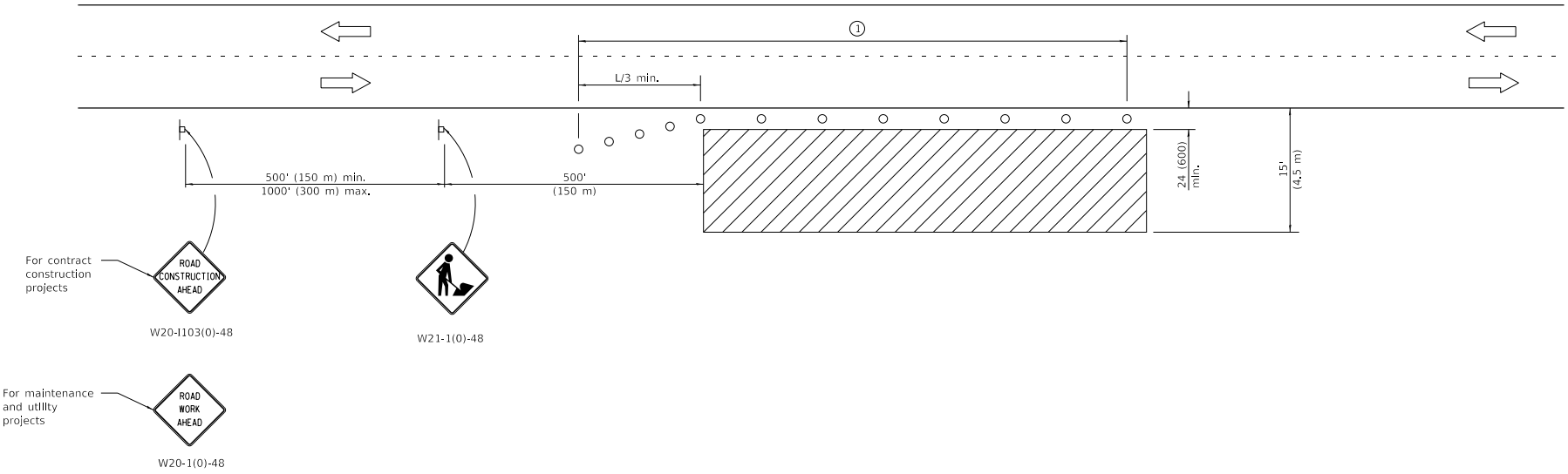
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-09	Switched units to
	English (metric).
1-1-05	Revised title and notes.

OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY

STANDARD 701001-02



TYPICAL APPLICATIONS

Utility operations
Culvert extensions
Side slope changes
Guardrail installation and maintenance
Delineator installation
Landscaping operations
Shoulder repair
Sign installation and maintenance

SYMBOLS

Work area

Sign

Cone, drum or barricade

① When the work operation exceeds one hour, cones, drums or barricades shall be placed at 25' (8 m) centers for L/3 distance, and at 50' (15 m) centers through the remainder of the work area.

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	FORMULAS English	(Metric)
40 mph (70 km/h) or less:	$L=\frac{WS^2}{60}$	$L=\frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L=(W)(S)$	$L=0.65(W)(S)$

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2014
ENGINEER OF SAFETY ENGINEERING

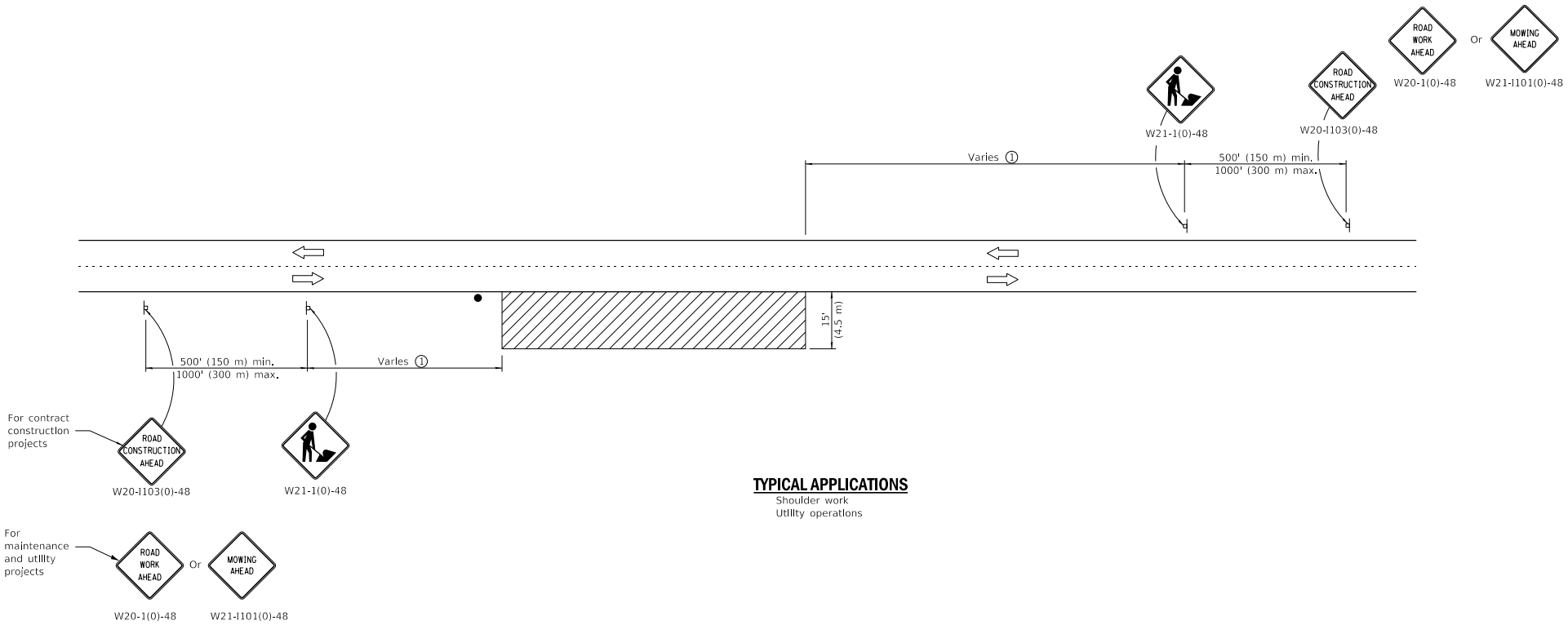
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-14	Revised workers sign
	number to agree with
	current MUTCD.
1-1-13	Omitted text 'WORKERS'
	sign.

OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

STANDARD 701006-05



TYPICAL APPLICATIONS

Shoulder work
Utility operations

SYMBOLS

Work area

Sign

Flagger with traffic control sign when required

(1) Minimum distance is 200' (60 m). Maximum distance to be determined by the Engineer but should not exceed ½ the length required for one normal working day's operation, or 4 miles (6.4 km) whichever is less.

GENERAL NOTES

This Standard is used where at any time, any vehicle, equipment, workers or their activities require an intermittent or continuous moving operation on the shoulder, where the average speed is 1 mph (2 km/h) or less.

When the work operation does not exceed 60 minutes, traffic control may be according to Standard 701301.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2014
ENGINEER OF SAFETY ENGINEERING

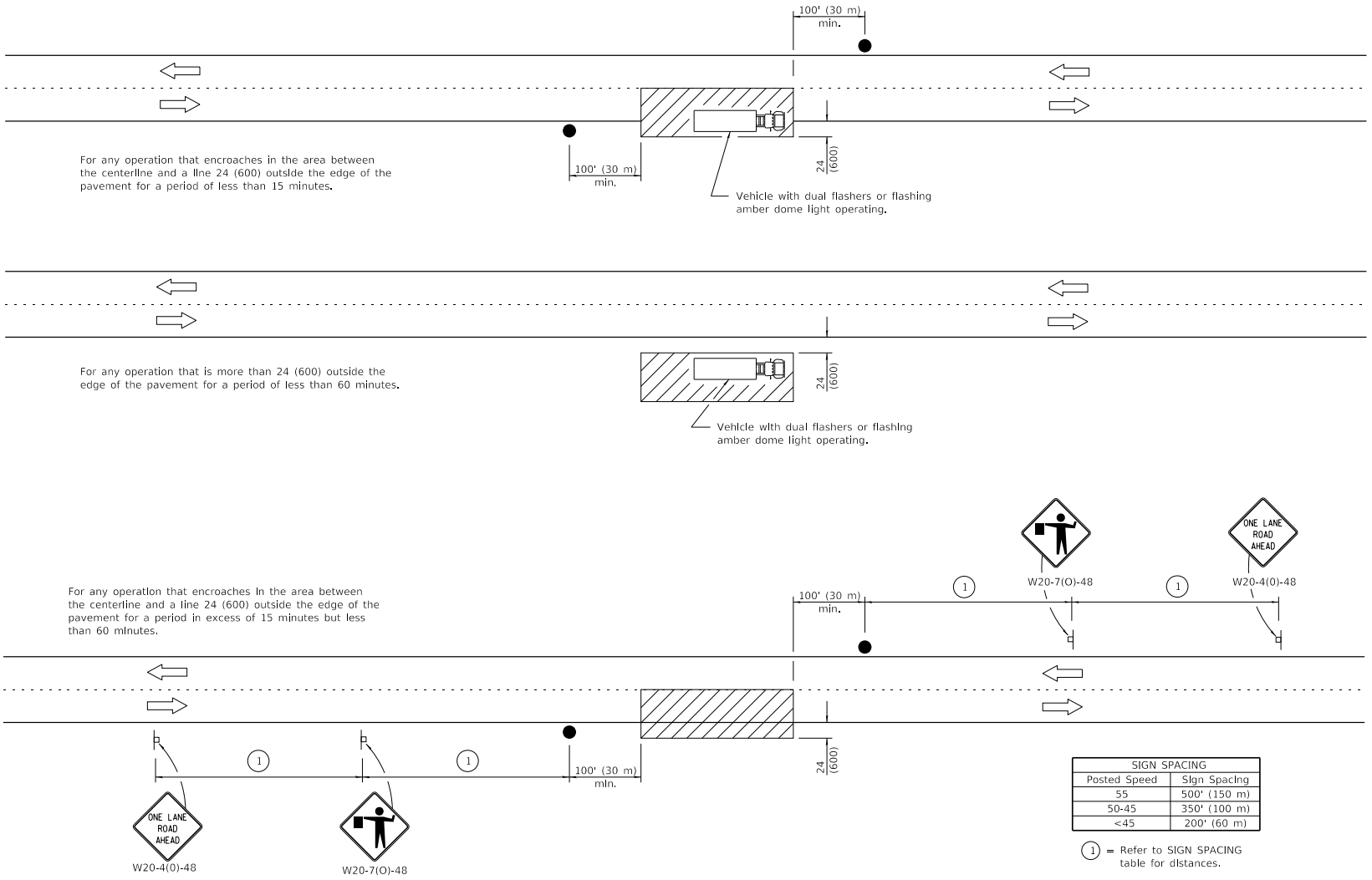
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-14	Revised workers sign
	number to agree with
	current MUTCD.
1-1-13	Omitted text 'WORKERS'
	sign.

OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY

STANDARD 701011-04



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.

All dimensions are in inches (millimeters) unless otherwise shown.

TYPICAL APPLICATIONS

Marking patches
Field survey
String line
Utility operations
Cleaning up debris on pavement

SYMBOLS

Work area
Sign on portable or permanent support
Flagger with traffic control sign

Illinois Department of Transportation

PASSED January 1, 2011
ENGINEER OF SAFETY ENGINEERING

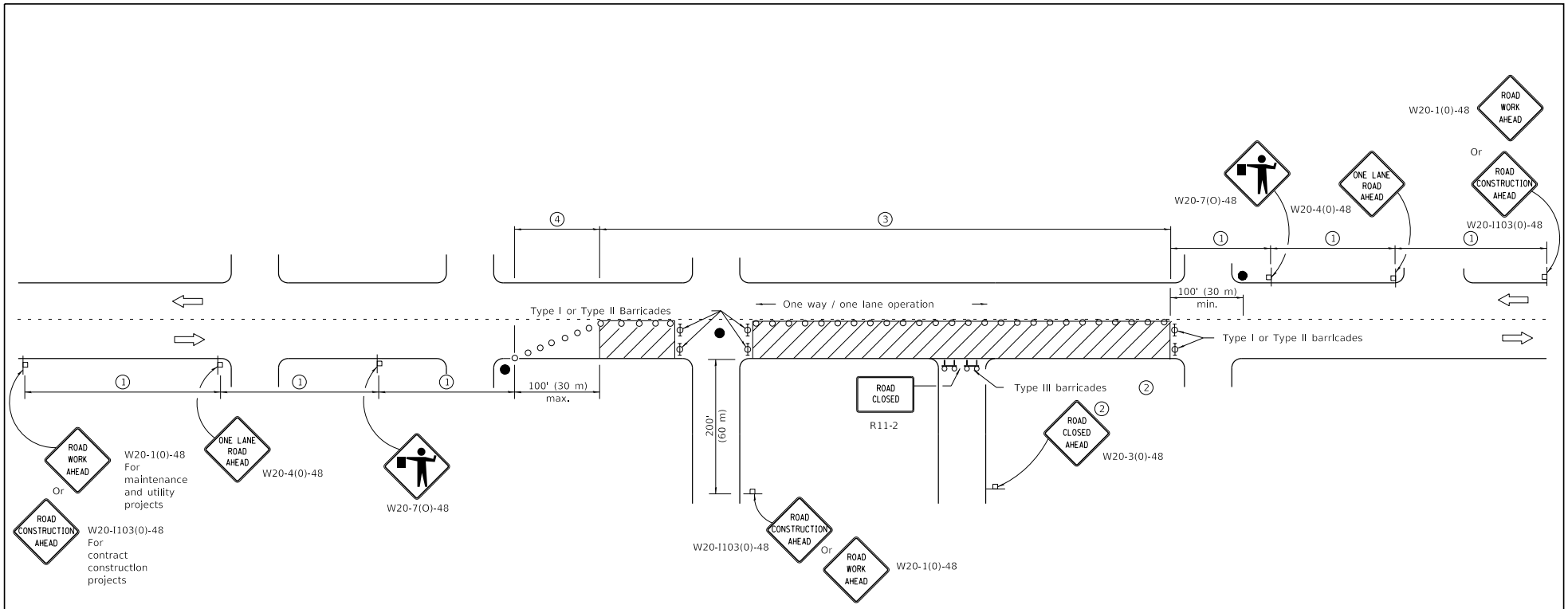
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to
	English (metric).

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

STANDARD 701301-04



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 sideroad 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

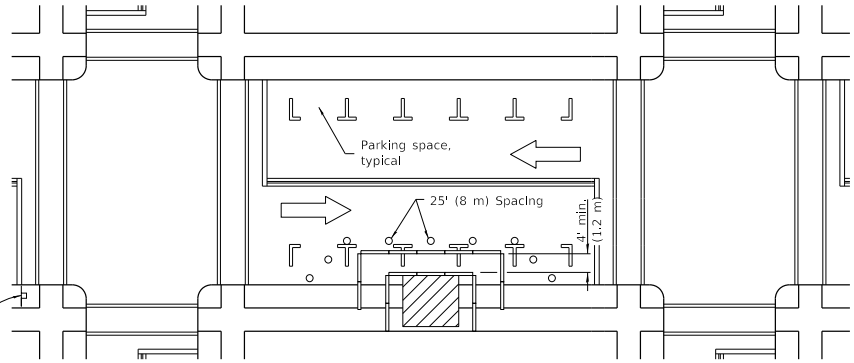
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to
	English (metric).
	Corrected sign No.'s.

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

STANDARD 701501-06



① ROAD CONSTRUCTION AHEAD — W20-I103(0)-48 for contract construction projects

Or

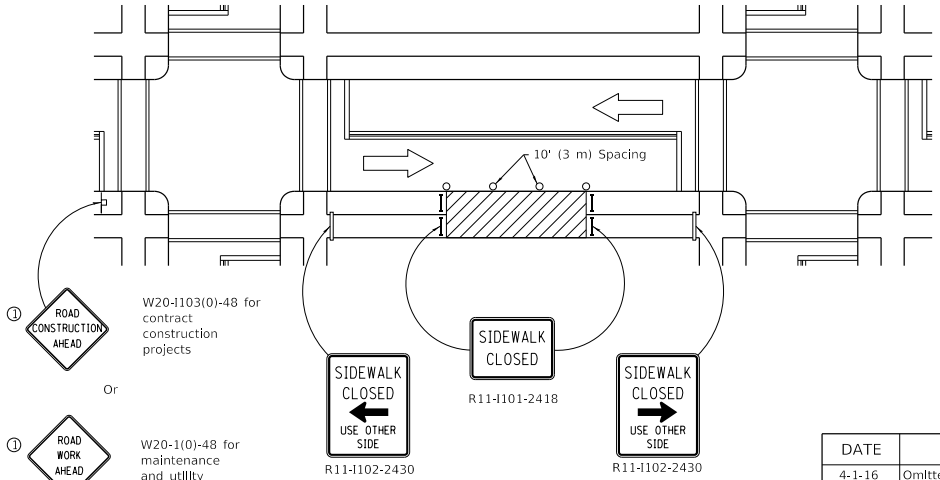
① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

SIDEWALK DIVERSION

① Omit whenever duplicated by road work traffic control.

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade



① ROAD CONSTRUCTION AHEAD — W20-I103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

SIDEWALK CLOSURE

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.

Illinois Department of Transportation

PASSED April 1, 2016
ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

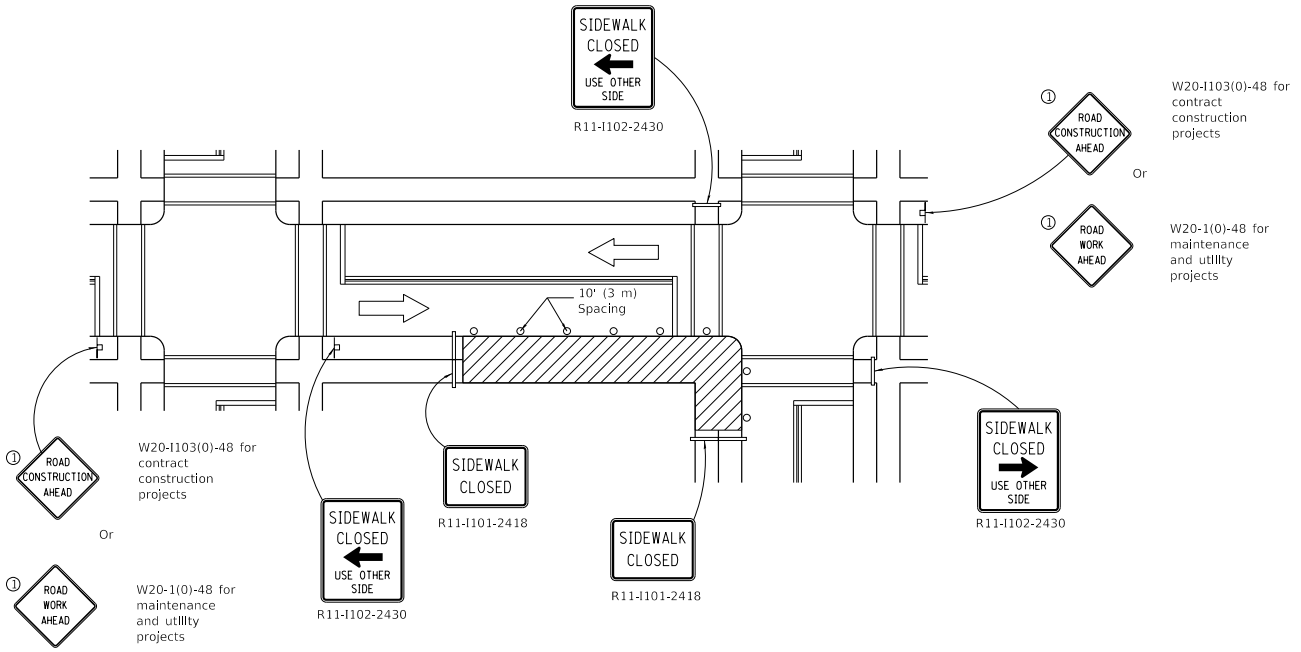
ISSUED 1-1-07

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.

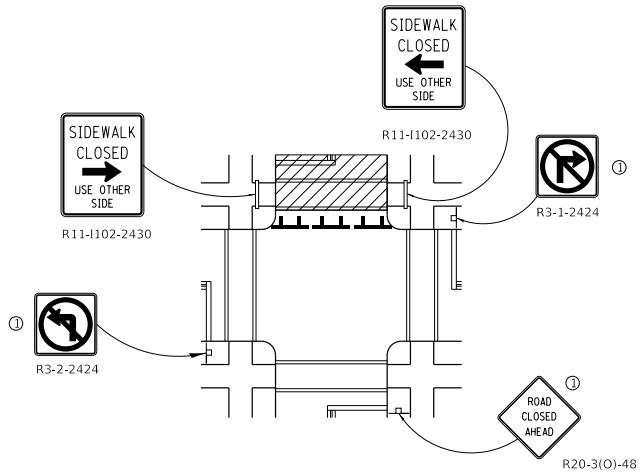
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06



CORNER CLOSURE



CROSSWALK CLOSURE

Illinois Department of Transportation

PASSED April 1, 2016
ENGINEER OF SAFETY ENGINEERING

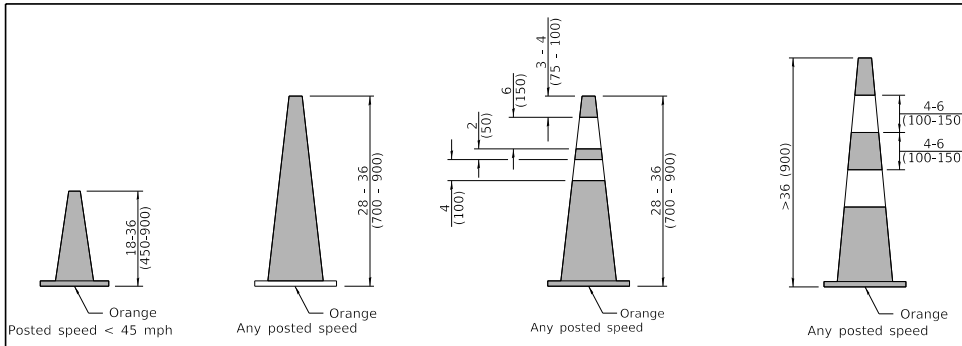
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

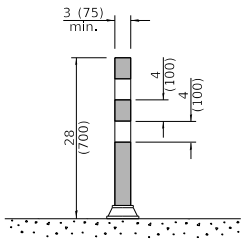
STANDARD 701801-06



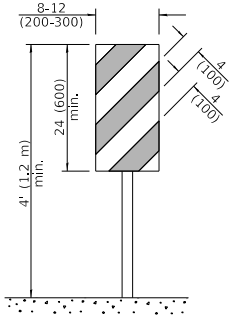
DAYTIME USE

DAY OR NIGHTTIME USE

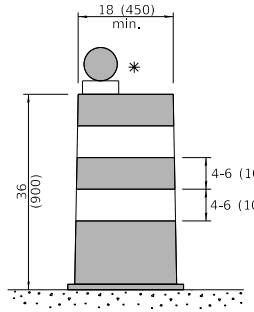
CONES



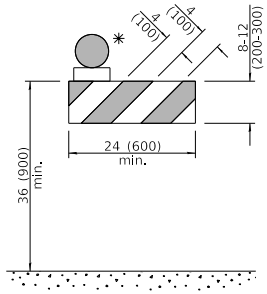
TUBULAR MARKER



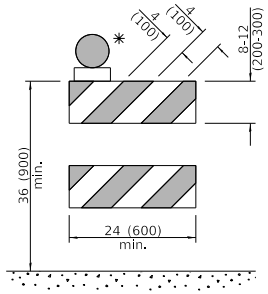
VERTICAL PANEL
POST MOUNTED



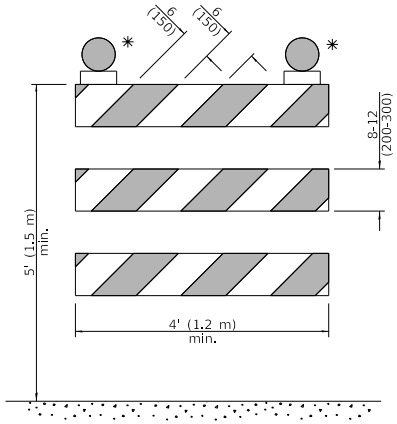
DRUM



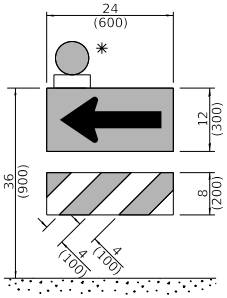
TYPE I BARRICADE



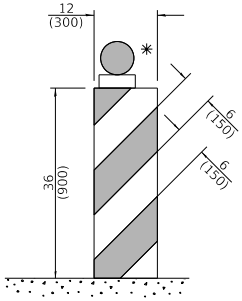
TYPE II BARRICADE



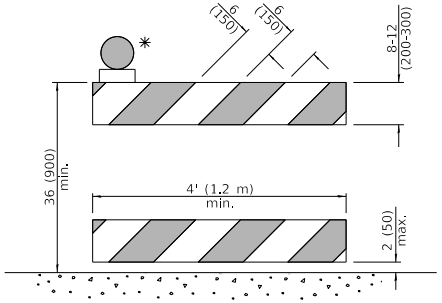
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

✳ Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

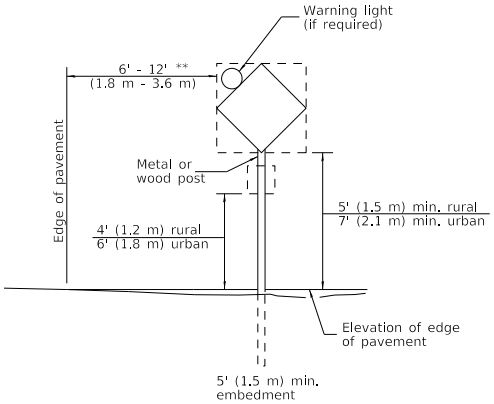
ISSUED 1-1-13

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

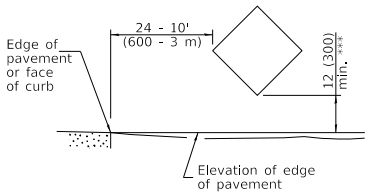
(Sheet 1 of 3)

STANDARD 701901-08



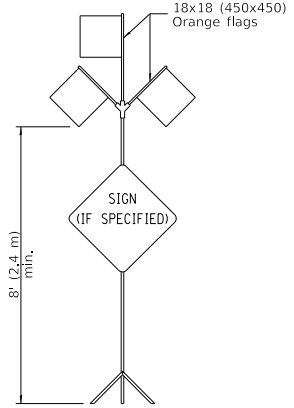
POST MOUNTED SIGNS

** 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) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



HIGH LEVEL WARNING DEVICE

G20-I104(0)-6036

G20-I105(0)-6024

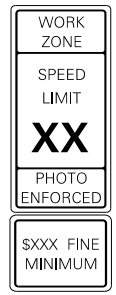
This signing is required for all projects 2 miles (3200 m) or more in length.

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



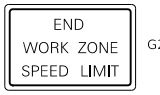
W21-III5(0)-3618

R2-1-3648

R10-I108p-3618 ****

R2-I106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.

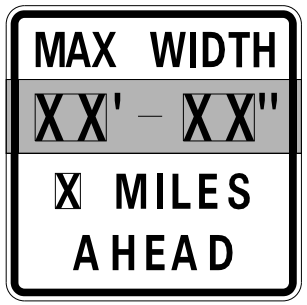


G20-I103-6036

This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

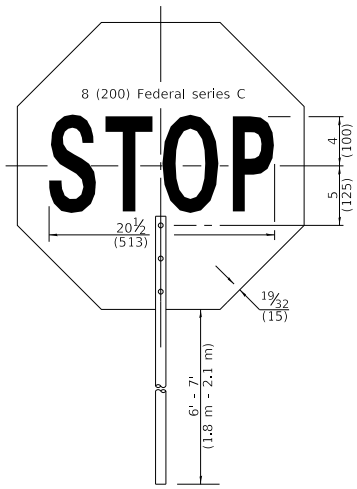
**** R10-I108p shall only be used along roadways under the juristiction of the State.



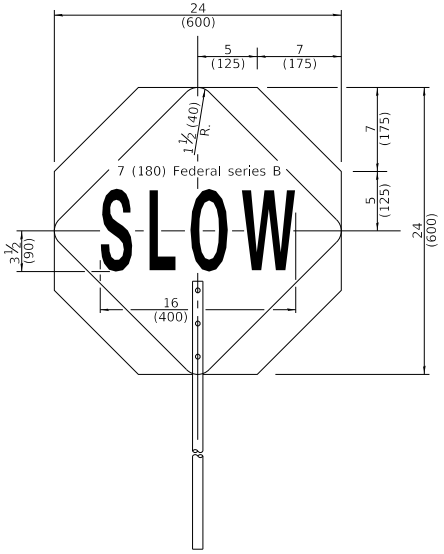
W12-I103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

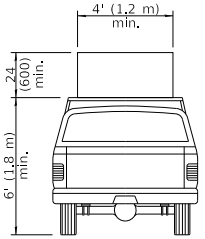
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

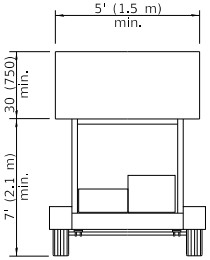
TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

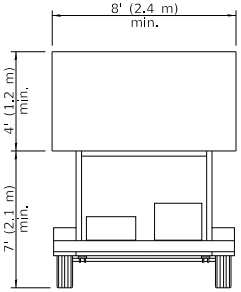
STANDARD 701901-08



TYPE A
ROOF
MOUNTED

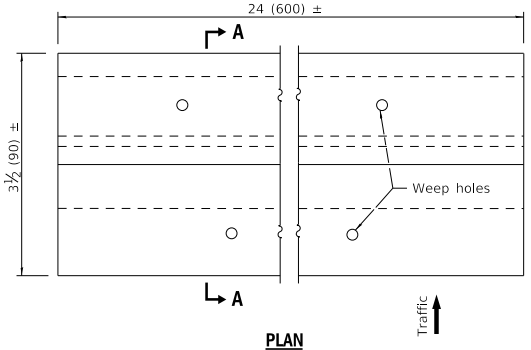


TYPE B
ROOF OR TRAILER
MOUNTED

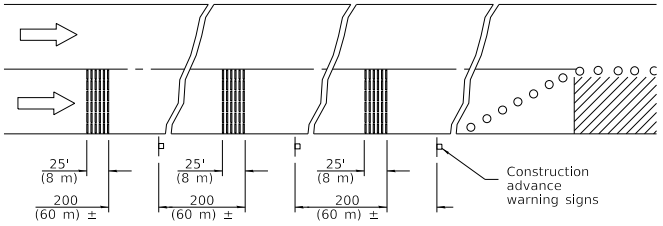


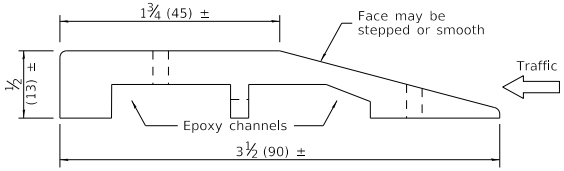
TYPE C
TRAILER
MOUNTED

ARROW BOARDS

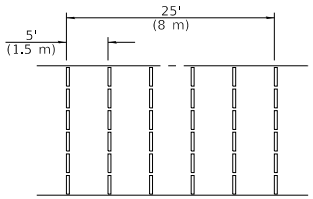


PLAN



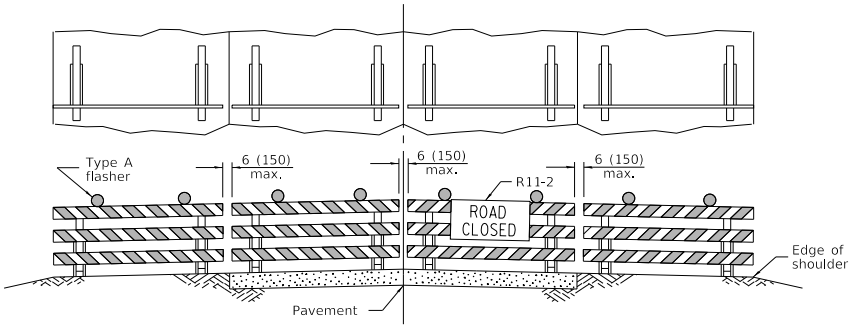


SECTION A-A



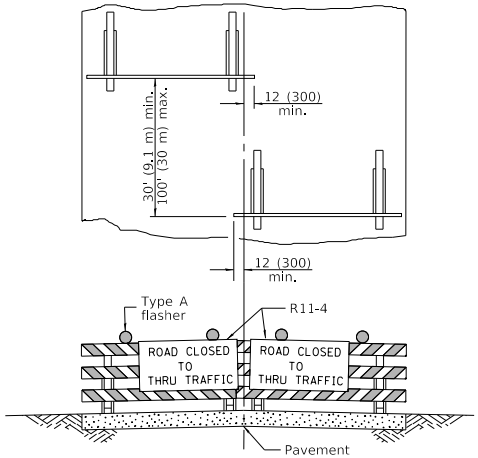
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

TYPICAL APPLICATIONS OF
TYPE III BARRICADES CLOSING A ROAD

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

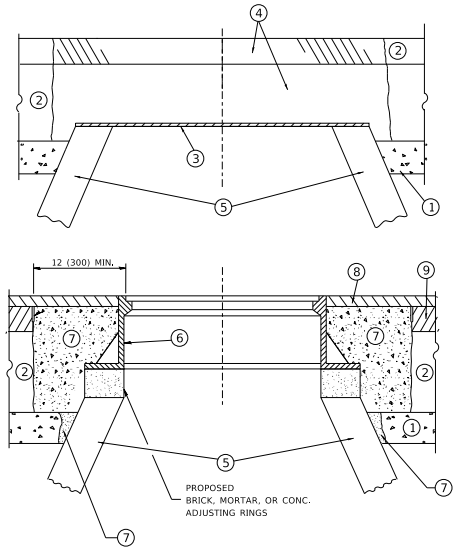
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901-08



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1 * CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

1. SUB-BASE GRANULAR MATERIAL
2. EXISTING PAVEMENT
3. 36 (900) DIAMETER METAL PLATE
4. PROPOSED CRUSHED STONE AND HMA SURFACE MIX
5. EXISTING STRUCTURE
6. FRAME AND LID (SEE NOTES)
7. CLASS PP-1 *CONCRETE
8. PROPOSED HMA SURFACE COURSE
9. PROPOSED HMA BINDER COURSE

NOTES

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT, UPON COMPLETION OF THE WORK. THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

USER NAME = {username}	DESIGNED - R. SHAH	REVISED - R. WEDEMAN 05-14-04
	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED - R. BORO 03-09-11
PLOT DATE = 3/27/2019	DATE - 10-25-94	REVISED - R. BORO 12-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD600-03 (BD-8)	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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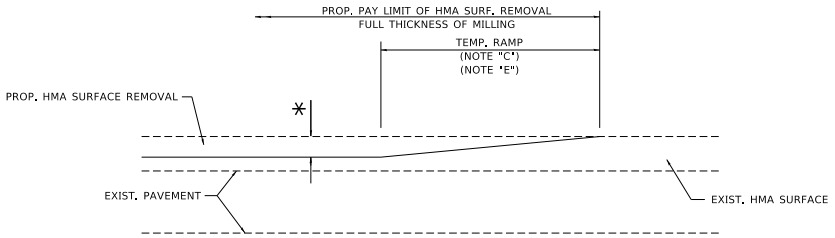
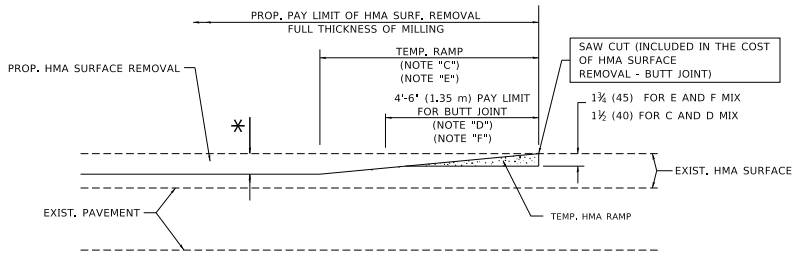


MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

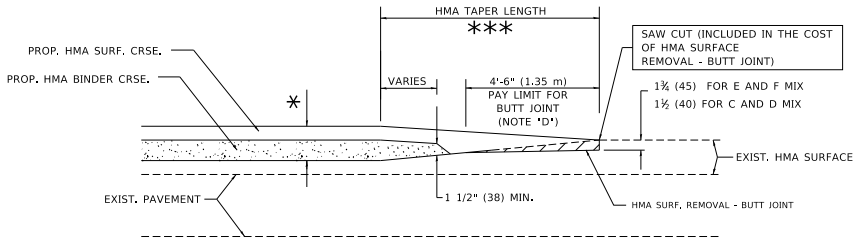


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

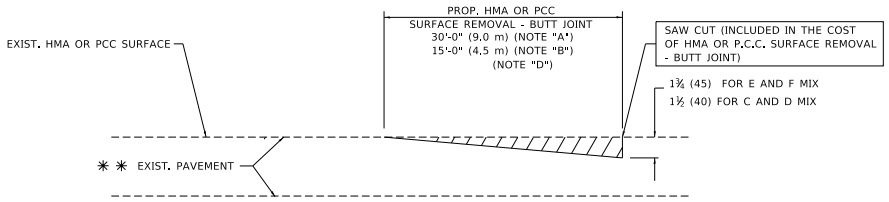
OPTION 2

TYPICAL TEMPORARY RAMP

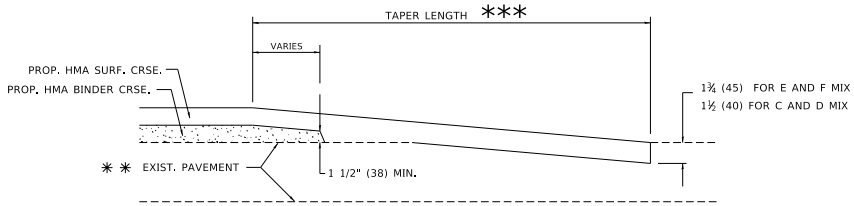


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = {username}	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 3/27/2019	DATE - 06-13-90	REVISED - R.BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD400-05 BD32	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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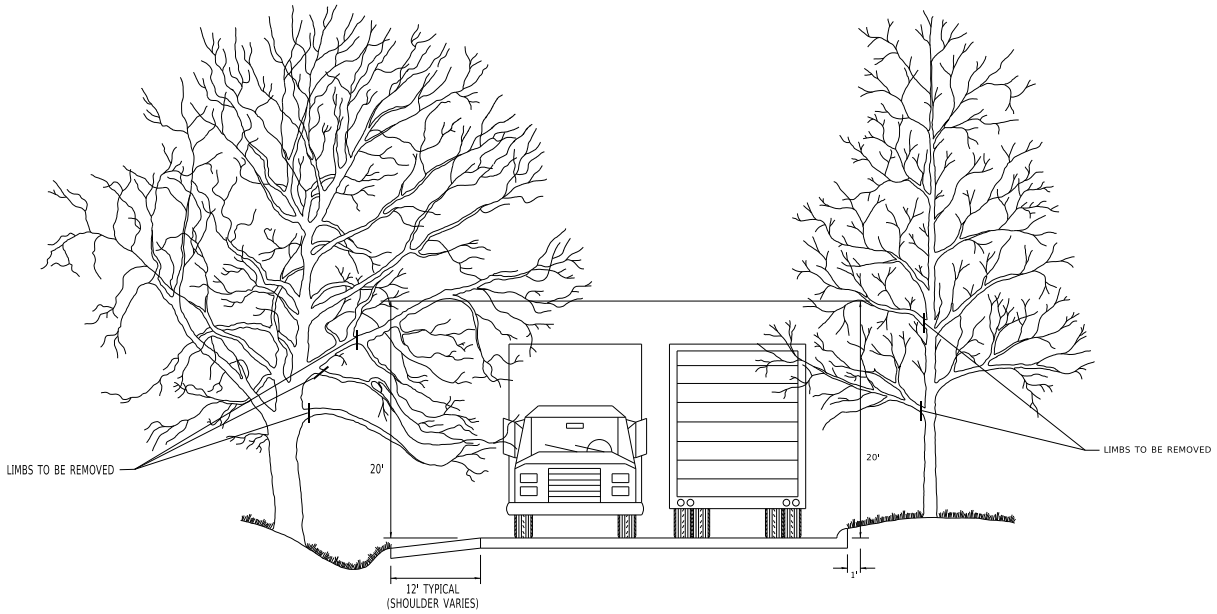

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PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED -	
PLOT DATE = 3/11/2019	DATE -	REVISED -	

PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BM-20	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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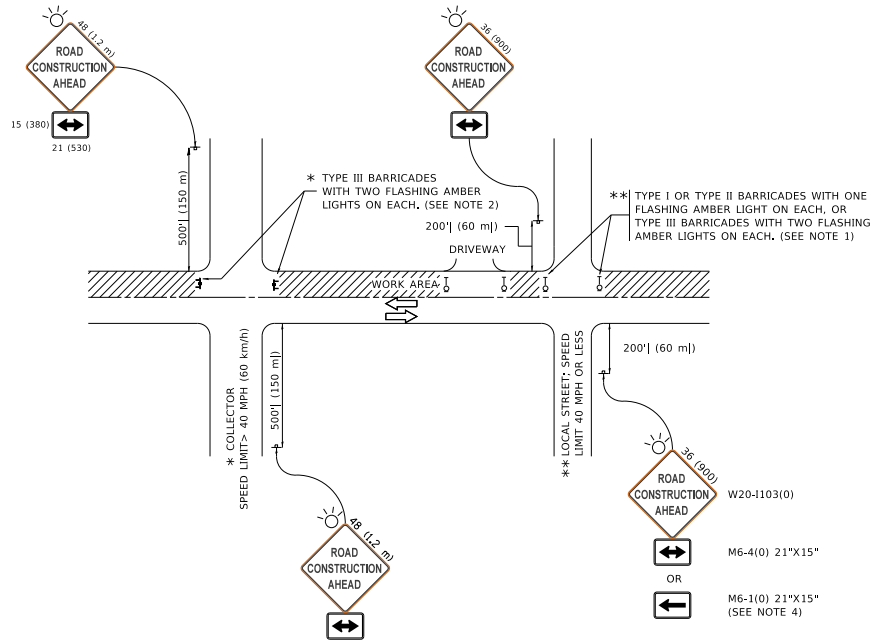

NOTES:

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 I, TYPE II OR TYPE III BARRICADES, 1/3 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.
   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.
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 STANDARD(S). 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 = {username}	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-10	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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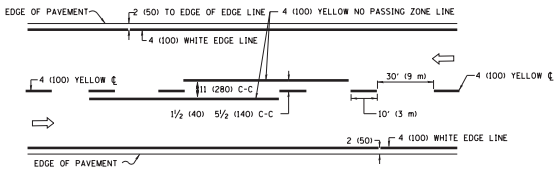
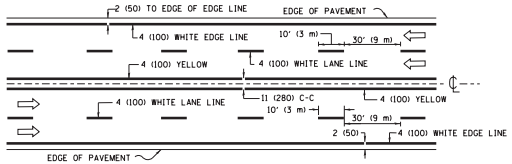
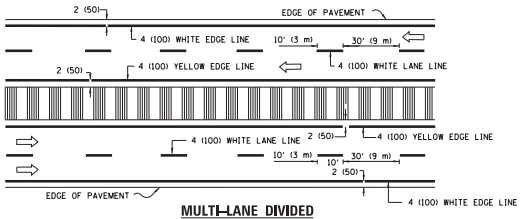


2–LANE ROADWAY

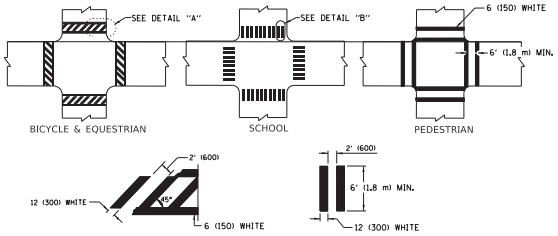


MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

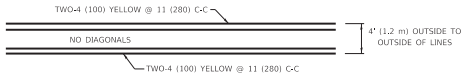
TYPICAL LANE AND EDGE LINE MARKING



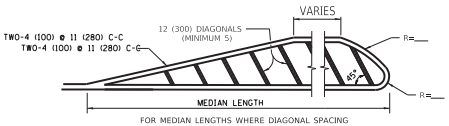
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

✳ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



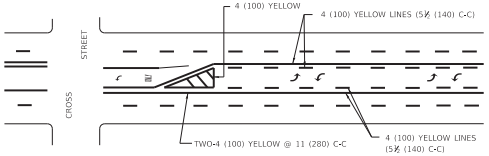
4' (1.2 m) WIDE MEDIANS ONLY



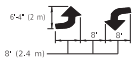
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

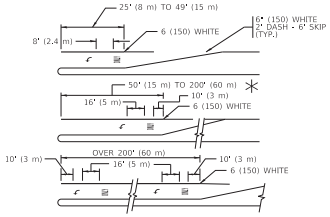


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED. WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

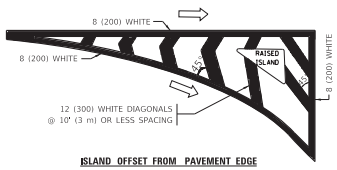


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m²

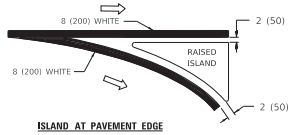
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

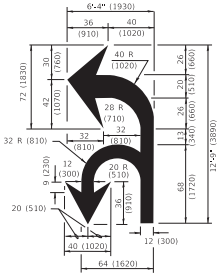


ISLAND OFFSET FROM PAVEMENT EDGE

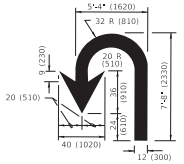


ISLAND AT PAVEMENT EDGE

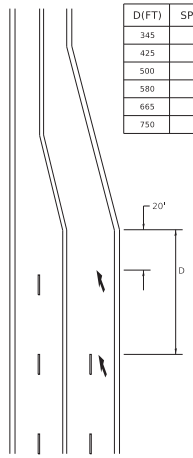
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

✳ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	**4 (100)** 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	**SOLID**	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "R"	**SOLID**	**WHITE**	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m² EACH "X"=54.0 SQ. FT. (5.0 m²
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	**SOLID**	**WHITE - RIGHT YELLOW - LEFT**	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	**SOLID**	**WHITE**	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Default
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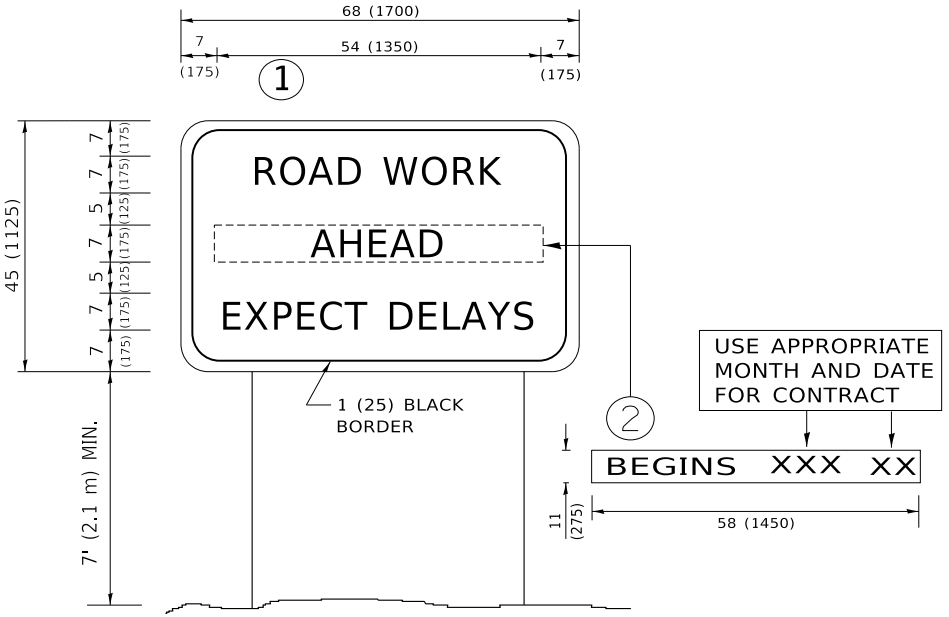
USER NAME = {username}	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**	**DISTRICT ONE** **TYPICAL PAVEMENT MARKINGS**	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED - C. JUCIUS 07-01-13							
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED - C. JUCIUS 12-21-15				TC–13	CONTRACT NO.		
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16		SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.			ILLINOIS	FED. AID PROJECT	



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = {username}	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-22	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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ABC Construction
123 Main St., Chicago, IL 60001

1/1/2017 | Pay Estimate #1 – Clarifying Statement

Adam Dow
Civil Engineer II
Village of Buffalo Grove
1650 Leider Lane
Buffalo Grove, IL 60089

ABC Construction has submitted all necessary certified payroll documentation for Pay Estimate #1 through January 1st, 2017. All certified payroll reports have been submitted through the Illinois Department of Labor Certified Payroll portal at illinois.gov.portal. Payrolls included in this period are:

ABC Construction Week Ending 12/24/16 #1

Week Ending 1/1/17 #2

Subcontractor 1 Week Ending 1/1/17 #1

Sincerely,

Joe Smith, Vice President

ABC Construction
123 Main St., Chicago, IL 60001

1/1/2017 | Week of January 1st, 2017 – Weekly Update

Adam Dow
Civil Engineer II
Village of Buffalo Grove
1650 Leider Lane
Buffalo Grove, IL 60089

Here is the weekly update for the week of January 1(weather permitting)
Monday, January 1 – Curb and concrete driveway removal on West side of Lauren and North side of Mohawk. Access made temporary after removal but before pour.
Tuesday, January 2 – Curb and concrete driveway removal continues on North side Mohawk and East side of Gregg. Access made temporary after removal but before pour.
Wednesday, January 3 – Curb poured on West side of Lauren, North Side of Mohawk and East side of Gregg.
Thursday, January 4 – Concrete driveways and sidewalks poured Lauren, Mohawk, and Gregg.
Friday, January 5 – Structure adjustments and any remaining concrete poured.

ABC Construction will pass out notices the day before notifying residents of this closing and will also knock on door the day of removal to avoid trapping any vehicles in. Concrete curb and aprons are scheduled to be poured starting Wednesday January 3 and there will be no access to driveways for seven days. ABC Construction will distribute a notification of this closureand explain your overnight parking options. Thank you for your patience throughout the ongoing project.

All streets in construction zone will be open but you will encounter delays as we load and unload materials. All driveways will be open during construction except for when we are installing water services directly adjacent to a driveway there will be a time where access will be limited. ABC will notify residents and make arrangements to ensure you have use of your vehicles during this time. Thank you again for your patience and understanding during construction.

Sincerely,

Joe Smith, Vice President

ABC Construction
123 Main St., Chicago, IL 60001
123-123-1234

1/1/2017 Driveway Closure Notice

Resident
Buffalo Grove, IL 60089

As part of the road rehabilitation process a portion of curb, and possibly a portion of your driveway apron, will be replaced. Please have all vehicles out of your driveway by 7 AM on;

_____ , _____, 2017
(day) (date)

During the rehabilitation process you will lose access to your driveway for a maximum of 7 working days from this date regardless of weather. If access is prior to the 7 days it will be recognizable by the removal of the barricades.

Parking: You may park on either side of the street as long as you are not inhibiting curb/driveway removal, consequential replacement of either or as otherwise noted by law. The Police Department has been notified and overnight parking restrictions have been lifted for all roadways under construction and the adjacent streets. For everyone's safety please do not park on the roadways under construction during working hours (7 AM to 6 PM, Monday thru Friday).

Notice: You have received this notice at least 1 day in advance of construction. As a courtesy, we will knock on your door one time the morning of the removal process. It is still up to you to have your car out by 7AM on the noted day. Thank you in advance for your cooperation.

This notice has been hand-delivered to you by the construction contractor, ABC Construction.

Any questions regarding this notice can be directed to the Project Manager Joe Smith at 321-765-4321.

Sincerely,

Joe Smith, Project Manager

3/31/2014
#100302
7/14/2016
#669681

SAMPLE LETTER OF CREDIT

ABC Bank
123 Main Street
Anywhere, Illinois

Irrevocable Standby Letter of Credit No. 1

Beneficiary:
Village of Buffalo Grove
Fifty Raupp Road
Buffalo Grove, IL 60089-219

Applicant:
Developer Company
Lake Cook Road
Buffalo Grove, Il 60089

Issue Date: October 18, 2012
Expiration Date: October 18, 2012

Gentlemen:

We hereby issue in your favor our Irrevocable Standby Letter of Credit No. 1 ("Letter of Credit") in favor of the Village of Buffalo Grove ("Beneficiary") on behalf of Developer Company ("Applicant"), up to the aggregate amount of $171,026.94 (One Hundred Seventy One Thousand Two Hundred Fifty Nine and 94/100 United States Dollars) to be available by draft(s) at sight. This credit is issued presentable and payable at the offices of our ABC Bank 123 Main Street, Anywhere, Illinois Attn: Letter of Credit Department and expires at 5:00 PM Chicago time on October 18, 2013 (subject to extension of such expiry date, as provided below).

This Credit is available against presentation of draft(s) drawn at sight on ABC Bank, Anywhere, Illinois. All draft(s) drawn under this Letter of Credit must bear the clause "Drawn under ABC Bank Irrevocable Letter of Credit No. 1 dated October 18, 2012", and be accompanied by this original Letter of Credit (and amendments, if any) and a dated certificate of an authorized official agent of the Village of Buffalo Grove (signed as such), certifying that either:

1) Said Letter of Credit is about to expire and has not been extended; or
2) Work has not been completed and formally accepted by the President and Board of Trustees of the Village of Buffalo Grove, in accordance with the plans specification, and agreements (including amendments thereof) for the project commonly known as Residential Development on Main Street.

This Letter of Credit shall be automatically extended for an additional period of one year from the present and each future expiration date unless we have notified the Beneficiary in writing, no more than one hundred twenty (120) calendar days nor less than sixty (60) calendar days before such expiration date, that we elect not to extend this Letter of Credit. Our notice of such election shall be sent by certified mail overnight courier service to the above Beneficiary address Attention: Village Clerk. Drafts must be

presented to drawee bank no later than 5:00 PM Central Time on or before the expiry day. Upon receipt by you of our notice of election not to extend this Letter of Credit, you may draw hereunder prior to the then current expiration date of this Letter of Credit.

We hereby agree with you that drafts drawn under and in compliance with the terms of this Letter of Credit shall be honored no later than the close of the third banking day following the presentment. If we fail to honor same, we agree to pay all attorneys fees, court costs and other expenses incurred by the Village of Buffalo Grove in enforcing the terms of this Letter of Credit.

Cancellation of Letter of Credit prior to expiration: This Letter of Credit (and amendments, if any) must be returned to us for cancellation with a statement signed by the Beneficiary stating that the Letter of Credit is no longer required and is being returned to the issuing bank for cancellation.

Jurisdiction of this letter of Credit shall be in the State of Illinois and venue shall be Cook County.

Please address all correspondence regarding this Letter of Credit to the attention of our Letter if Credit Department mentioning our Letter of Credit as it appears above.

Very Truly Yours,
ABC Bank

By:
Its: Vice President

TEMPORARY
NO PARKING

_____

TIME:

_____

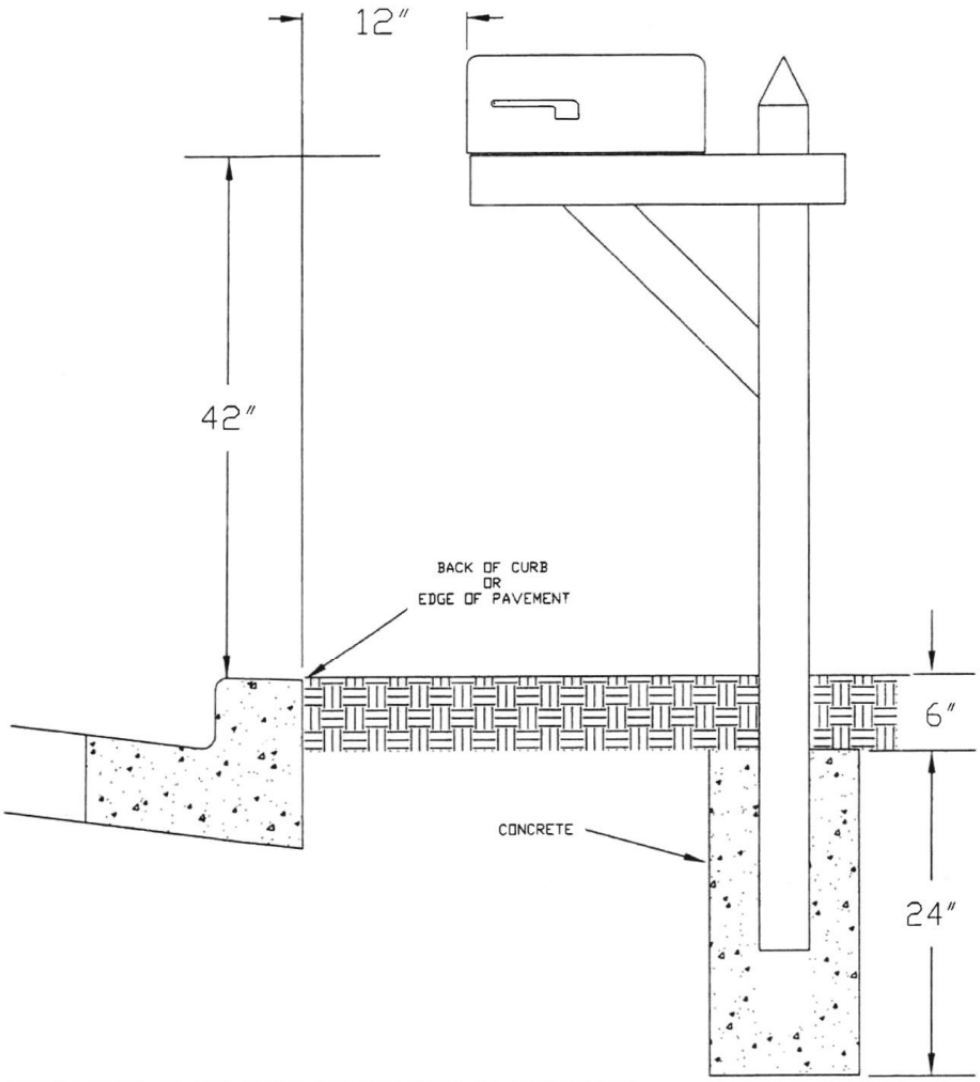
_____

DATE:

_____

CONSTRUCTION
ZONE

Note – Hand written information must be dark, legible and large. Sign shall be printed on more than paper, unless laminated. Must withstand winds and stay on stake/lath.



THE INSTALLATION OF THE POST AND BOX MUST BE MOUNTED SO THE THE FACE OF THE BOX IS 12 INCHES BEHIND THE BACK OF CURB AND SET TO A HEIGHT OF 42 INCHES FROM THE TOP OF THE CURB TO THE BOTTOM OF THE BOX. THE POST SHOULD BE SET IN A HOLE 10 INCHES IN DIAMETER AND 30 INCHES DEEP.

CONCRETE SHOULD BE PLACED AROUND THE POST AND UP TO 6 INCHES FROM THE FINISHED SURFACE.

THE MATERIAL USED FOR THE POST SHALL BE A 4" X 4" PRESSURE TREATED POST OR 1 1/2" I.D. MINIMUM TO A 2" I.D. MAXIMUM STEEL OR ALUMINUM POST, MAXIMUM WALL THICKNESS 0.154".

MAILBOX INSTALLATION

G:\ENGINEER\FORMS\MAILBOXINSTALLATION.DWG

EXHIBIT NO.109
MATERIALS LIST

Date of revision: 1/1/16

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, counter clockwise 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. Dog house 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.	East Jordan Iron Works 1022 Frame and Lid or Neenah R-1713, embossed per Exhibit No. 401 of Buffalo Grove Numerical Code Title 16.
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. All stainless steel trim. 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 counter clockwise 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.	East Jordan Iron Works Frame 1022 or Neenah R-1713, with self-sealing lid and recessed pick hole, embossed per Exhibit No. 301 of Buffalo Grove Numerical Code Title 16.

Storm Sewer System Material Specifications:

Structures.	All structures shall be precast with designed openings or mechanically cored in the field.
Castings.	Closed Lid, East Jordan Iron Works 1022 or Neenah R-1713, embossed per Exhibit No. 201., Open Lid, East Jordan Iron Works 1022 or Neenah R-1713, Standard B4.12 or any other barrier curb, Type 11— East Jordan Iron Works 7210 or Neenah 3281-A or Neenah 3170 on existing structures where required. Box height must be 6" minimum with 5' tapers to match curb height., Depressed barrier curb, Type M3 Grate, Yard inlet, Type 8— East Jordan Iron Works 6517 or Neenah R-4340-B
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 pipe/sub 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 of Buffalo Grove Numerical Code Title 16 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 95% 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. All adjustment rings less than 2" shall be HDPE rings. Only one HDPE may be used within the precast tolerances. Only precast concrete or

	HDPE adjustment rings permitted. ½" x 3.5" mastic to be used between all frames, rings and structures. Mortar around rings, but none between. Bed of mortar can be used on cone or flat top of structure.

Miscellaneous Material Specifications:

Detectable Warnings	East Jordan Iron Works or Neenah cast iron detectable warnings. 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 Section 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 Title 16 of the Village of Buffalo Grove Numerical Code. 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

*When conflicting information exists between the plans specifications and this exhibit number 109 the information listed in exhibit number 109 shall govern. All castings on a project or development shall come from a single manufacturer.

AVAILABLE REPORTS (D1 LR)

Effective: July 1, 2021

☐ No project specific reports were prepared.

When applicable, the following checked reports and record information is available for Bidders' reference upon request:

☐ Record structural plans

☐ Preliminary Site Investigation (PSI) (IDOT ROW)

☐ Preliminary Site Investigation (PSI) (Local ROW)

☐ Preliminary Environmental Site Assessment (PESA) (IDOT ROW)

☐ Preliminary Environmental Site Assessment (PESA) (Local ROW)

☒ Soils/Geotechnical Report

☐ Boring Logs

☐ Pavement Cores

☐ Location Drainage Study (LDS)

☐ Hydraulic Report

☐ Noise Analysis

☐ Other: _____

The Village is in the process of obtaining an IEPA LPC-662 or LPC-663 and will provide the appropriate documentation to the Contractor as soon as possible, but no later than prior to the start of construction.

SOIL AND MATERIAL CONSULTANTS, INC.

Office: 847-870-0544
Fax: 847-870-0661
us@soilandmaterialconsultants.com
www.soilandmaterialconsultants.com

March 25, 2025
File No. 28521

Mr. Kyle E. Johnson, P.E., CFM
Village of Buffalo Grove
51 Raupp Boulevard
Buffalo Grove, IL 60089

Re: Geotechnical Investigation
Old Lake County & Cedar Court
Street & Water Improvements
Buffalo Grove, Illinois

Dear Mr. Johnson:

We are submitting our report for the pavement investigation completed along various streets for the above referenced projects in the Village of Buffalo Grove, Illinois.

The investigation was requested to determine current pavement and subsurface conditions at select locations. The findings of the field investigation and the results of laboratory testing are intended to assist with the street and water main improvements.

SCOPE OF THE INVESTIGATION

The field investigation included obtaining 48 pavement cores and 23 borings at the locations requested and as indicated on the enclosed location sketches. The locations were established using field taping methods and accuracy.

Pavement materials were cored to determine material types and thicknesses. Borings were auger drilled to depths of 10.0 feet below existing surface elevations. Soil samples were obtained using a split barrel sampler advanced utilizing an automatic SPT hammer. Soil profiles were determined in the field and soil samples returned to our laboratory for additional testing including determination of moisture content. Cohesive soils obtained by split barrel sampling were tested further to determine dry unit weight and unconfined compressive strength.

The results of all field determinations and laboratory testing are included in summary with this report. Enclosed are core and boring logs indicating pavement and soil conditions encountered.

RESULTS OF THE INVESTIGATION

Pavement cores were performed at each test location in the Old Lake County Neighborhood. The summary table below indicates pavement materials and thicknesses encountered. Please refer to the individual core logs and pictures for more detailed information.

Core	HMA Surface (in.)	HMA Binder (in.)	Total HMA (in.)	Granular Base (in.)	Total Pavement (in.)
Belmar Ln					
C-1	3.25**	7.25	10.50	---	10.50
C/B-2	3.00**	4.50	7.50	---	7.50
C-3	3.50**	6.00	9.50	---	9.50
C-4	3.75**	5.50	9.25	---	9.25
Alden Ln					
C-5	3.25**	7.50	10.75	---	10.75
C-6	2.50**	6.00	8.50	---	8.50
C/B-7	2.50**	6.50	9.00	---	9.00
C-8	3.25**	6.25	9.50	12.50+	22.00+
C-9	1.75**	6.25	8.00	---	8.00
Parker Ln					
C/B-10	2.00**	**5.50**	7.50	15.50	23.00
C-11	1.50**	4.75	6.25	---	6.25
C-12	2.25**	4.75	7.00	---	7.00
Cloverdale Ct.					
C/B-13	4.00	4.75	8.75	---	8.75
Ivy Hall Ln.					
C/B-14	2.00	5.75	7.75	---	7.75
Penny Ln.					
C/B-15	2.00	6.00	8.00	---	8.00
Aspen Dr.					
C/B-16	4.25**	6.25	10.50	---	10.50
C/B-17	4.25**	5.75	10.00	---	10.00
Clohesey Dr.					
C/B-18	3.25	5.50	8.75	---	8.75
Indian Spring Ln.					
C-19	4.00**	5.25	9.25	---	9.25
C/B-20	4.25**	7.00	11.25	---	11.25
C-21	3.00**	4.75	7.75	---	7.75
C-22	7.00**	---	7.00	11.25	18.25
C/B-23	2.75**	6.25	9.00	---	9.00
C-24	6.00**	2.25	8.25	5.50	13.75
C-25	4.50**	2.75	7.25	8.75	16.00

** indicates the presence of a reflective crack control fabric
BOLD indicates a failure in a layer of bituminous concrete

Core	HMA Surface (in.)	HMA Binder (in.)	Total HMA (in.)	Granular Base (in.)	Total Pavement (in.)
Ridgefield Ln.					
C-26	**3.75****	**4.75**	8.50	---	8.50
C/B-27	3.50**	4.00	7.50	---	7.50
Dunham Ln.					
C/B-28	3.75**	2.50	6.25	29.75	36.00
C-29	3.25**	2.50	5.75	15.75+	21.50+
Essington Ln.					
C-30	2.50**	**6.50**	9.00	---	9.00
C-31	2.75**	7.25	10.00	---	10.00
C/B-32	2.25**	**6.50**	8.75	---	8.75
C-33	2.75**	7.00	9.75	---	9.75
C-34	2.25**	5.75	8.00	---	8.00
Twisted Oak Ln.					
C-35	**2.75****	8.00	10.75	---	10.75
C/B-36	3.50**	**6.75**	10.25	---	10.25
C-37	3.00**	5.50	8.50	---	8.50
C-38	2.50**	5.75	8.25	---	8.25
C-39	1.25**	8.75	10.00	---	10.00
C/B-40	3.50**	**8.50**	12.00	---	12.00
C-41	2.50**	4.75	7.25	---	7.25
Carry Ln.					
C-42	2.25**	6.75	9.00	---	9.00
Holly Stone Ln.					
C/B-43	5.25**	7.50	12.75	---	12.75
C-44	4.25**	**5.50**	9.75	---	9.75
Westbourne Ln.					
C-45	4.00**	6.25	10.25	---	10.25
C/B-46	5.00**	4.75	9.75	---	9.75
Dorncliff Ln.					
C/B-47	3.00**	8.25	11.25	6.25#	17.50
C-48	**4.00****	**5.50**	9.50	---	9.50

** indicates the presence of a reflective crack control fabric
BOLD indicates a failure in a layer of bituminous concrete
# indicates the presence of a geotextile fabric beneath the granular base

Soil borings were performed at 19 of the pavement core locations within the Old Lake County Subdivision and 4 locations within Cedar Court Subdivision.

At the boring locations within Old Lake County Subdivision, moderately to well compacted fill soil conditions were encountered beneath the pavement materials at boring locations 10, 13, 17, 28, 36, 40, and 46. Composition of the fill includes the presence of clay/silt mixtures extending to depths of 2.5 feet to 7.5 feet at these locations. The limits of fill placement were not determined within the scope of this investigation. Larger debris may also be present within the fill but was not encountered during the investigation. The fill soil conditions are found to overlie the apparent natural topsoil extending to a depth of 3.5 feet at boring 46.

Underlying natural soil conditions include the presence of cohesive soils. These are classified as stiff to hard clay/silt mixtures with lesser portions of sand and gravel. Non-cohesive soils were also encountered at borings 10, 28, 36 and 46. These include loose to medium dense sand/gravel, silt/clay, sand/gravel/silt and fine sand mixtures. The non-cohesive granular soils are often in a very damp to saturated condition. A deposit of organic silt was also encountered at boring 46 extending to a depth of 6.5 feet. Cobbles and boulders may be present within the site soils at any elevation, although none were encountered while drilling.

Boring locations B-101 to B-104 were performed in Cedar Court Subdivision. Fill soil conditions were encountered at each location and consisted of poorly to moderately compacted topsoil, clay/silt, sand/gravel, and silt/clay/sand mixtures extending to depths of 4.0 feet to 8.5 feet at these boring locations. The limits of fill placement were not determined within the scope of this investigation. Larger debris may also be present within the fill but was not encountered during the investigation.

Underlying natural soil conditions include the presence of cohesive soils. These are classified as very tough to hard clay/silt mixtures with lesser portions of sand and gravel. Non-cohesive soils were also encountered at borings 101 and 103. These include loose to medium dense silt/gravel/sand/clay, sand/gravel, and silt/sand/clay mixtures in a very damp to saturated condition. Cobbles and boulders may be present within the site soils at any elevation, although none were encountered while drilling.

Low-strength soil conditions are indicated at or near expected water main support elevations within borings 13, 46, 103 and 104. These conditions are likely present in other areas of the site but were not discovered within the scope of this investigation.

The following table summarizes depth ranges below existing grade, the magnitude of soil strength within these ranges, and other information:

Boring	Depth Range Below Existing Surface (feet)	Soil Strength (lbs./sq.ft.)	Recorded Water Levels, W.D./A.D. (feet)
Old Lake County Subdivision			
Belmar Ln.			
2	1.5 to 7.0	8,000	dry / dry
Alden Ln.			
7	1.5 to 7.0	8,000	dry / dry
Parker Ln.			
10	2.5 to 6.0	1,000	1.0 / 1.0
	6.0 to 7.0	6,000	
Cloverdale Ln.			
13	1.5 to 5.0	*1,000	dry / dry
	5.0 to 8.0	*500	
	8.0 to 8.5	3,000	
Ivy Hall Ln.			
14	1.5 to 7.0	8,000	dry / dry
Penny Ln.			
15	1.5 to 4.5	8,000	dry / dry
	4.5 to 7.0	4,000	
Aspen Dr.			
16	1.5 to 7.0	4,000	dry / dry
17	1.5 to 4.0	1,000	dry / dry
	4.0 to 6.5	2,000	
	6.5 to 7.0	8,000	
Clohesey Dr.			
18	1.5 to 4.5	7,000	dry / dry
	4.5 to 7.0	5,000	
Indian Spring Ln.			
20	1.5 to 4.5	7,000	dry / dry
	4.5 to 7.0	6,000	
23	1.5 to 4.0	4,000	dry / dry
	4.0 to 7.0	8,000	
Ridgefield Ln.			
27	1.5 to 7.0	8,000	dry / dry

*not recommended for support of utilities

Boring	Depth Range Below Existing Surface (feet)	Soil Strength (lbs./sq.ft.)	Recorded Water Levels, W.D./A.D. (feet)
Dunham Ln.			
28	3.5 to 4.5	500	2.0 / 8.0
	4.5 to 7.0	1,000	
Essington Ln.			
32	1.5 to 4.0	7,000	dry / dry
	4.0 to 7.0	8,000	
Twisted Oak Ln.			
36	1.5 to 2.0	2,000	7.5 / 7.5
	2.0 to 7.0	1,000	
40	1.5 to 7.0	1,000	dry / dry
	7.0 to 7.5	4,000	
Holly Stone Ln.			
43	1.5 to 4.5	7,000	dry / dry
	4.5 to 7.0	6,000	
Westbourne Ln.			
46	1.0 to 1.5	*1,000	7.5 / 8.5
	1.5 to 7.0	*500	
	7.0 to 7.5	1,000	
Dorncliff Ln.			
47	2.0 to 4.5	8,000	dry / dry
	4.5 to 7.0	7,000	
Cedar Court Subdivision			
Birchwood Ln.			
101	1.0 to 4.5	1,000	7.5 / 9.0
	4.5 to 6.0	2,000	
	6.0 to 7.0	3,000	
Brandywyn Ln.			
102	1.5 to 5.5	2,000	dry / dry
	5.5 to 7.0	3,000	
Cedar Ct. S.			
103	1.0 to 8.5	*500	5.5 / 5.5
	8.5 to 9.0	3,000	
English Oak Ter.			
104	1.0 to 5.5	*500	4.5 / 8.0
	5.5 to 7.0	4,000	

*not recommended for support of utilities

It is expected that new utilities can be supported on suitable fill soils and/or undisturbed natural soils located at any elevation within the depth ranges indicated in the above table, except as noted at borings 13, 46, 103 and 104. Above these depth ranges the soils are not considered able to support utilities, even at reduced design bearing values, due to long-term settlement considerations.

SUBSURFACE WATER

The boring logs and the above table indicate the depth at which subsurface water was encountered in the bore holes at the time of the drilling operations and during the period of these readings. Saturated granular deposits were encountered at borings 10, 36, 46 and 101. It is expected that fluctuations from the water levels recorded will occur over a period of time due to variations in rainfall, temperature, subsurface soil conditions, soil permeability and other factors not evident at the time of the water level measurements.

The levels recorded at borings 28, 103 and 104 indicate a perched water condition. Perched water is primarily surface precipitation falling on this site or adjacent properties and which becomes trapped in pervious soil that is underlaid by relatively impervious soil. This water often flows laterally along a path of least resistance such as granular base, non-cohesive soil strata, or other permeable medium. This water will also drain from the embankments of open excavations. The actual ground water condition is expected to be present in well defined granular soil layers located at deeper elevations.

DISCUSSION

The new water main can be supported on suitable fill soils and/or undisturbed natural soils located below all unsuitable fill soils, significant debris, organic silt, low strength soils and other unsuitable conditions which may be encountered. Soil strength values and the depths at which they are expected to be encountered at each boring location are indicated in the above table. When the pipe is placed in an open cut excavation, a granular bedding, CA07/CA11, should be used to support the pipe on the suitable fill soils or on the undisturbed natural soils.

Weak soil conditions are expected to be present at or below design pipe bedding elevations in the areas of borings 13, 46 and 103. The low-strength and/or organic soils would not provide adequate support for the water main due to long-term total and differential settlement considerations. Undercutting and replacement with additional granular bedding material will be required in these areas to provide adequate support for the new water main.

In the unimproved areas, the trench excavation can be backfilled with the suitable soils from the trench. In the improved areas, such as under pavements and sidewalks, the trench should be backfilled with compacted crushed granular fill (CA06). The backfill should be placed in lifts not to exceed 12.0 inches when uncompacted. Each lift should exceed the minimum compaction requirement prior to the placement of the next lift. We would recommend a minimum of 95% compaction based on the standard Proctor test, ASTM D-698, be achieved in the pavement and sidewalk areas and a minimum of 85% in the unimproved areas.

PAVEMENT

We understand a full roadway reconstruction is proposed within the Old Lake County neighborhood. The full roadway reconstruction would include the removal of all the existing pavement materials. The subgrade would then be excavated to the design elevation, compacted and proof rolled. Any areas of unstable soils will most likely require removal and replacement with large crushed aggregate, possibly in conjunction with the use of an appropriate geotextile fabric. Underdrains should be installed in order to assist with drainage and alleviate potential frost heave. The new aggregate base would then be placed and compacted followed by the placement of the designed thickness of HMA binder and surface.

DEWATERING

Excavations may require dewatering due to subsurface water seepage and/or surface precipitation. This water can be removed by standard sump and pump operations. Soils exposed at subgrade, pipe bedding elevations, or undercut elevations should not be permitted to become saturated. Loss of bearing strength and stability may occur, requiring additional soil excavation.

Filled soils, organic soils, non-cohesive soils and others can be unstable when saturated. These soils tend to cave or run when submerged or disturbed. The stability of exposed embankments is minimal to non-existent as confining soil pressures are removed. Proper drainage within excavations is necessary at all times, particularly when excavations extend below anticipated water levels and below saturated soils.

The contractor should be made responsible for designing and constructing stable temporary excavations. Also, the contractor should shore, slope, bench or restrain the sides of the excavations as required to maintain stability of both the excavation sides and bottom. In no case, should the slope, slope heights, or excavation depth exceed those in the local, state, and federal safety regulations.

CONCLUSION

The information within this report is intended to provide initial information concerning subsurface soil and water conditions on the site. Variations in conditions are expected to be present.

Our understanding of the proposed improvements is based on limited information available to us at the writing of this report. The findings of the investigation and the recommendations presented are not considered applicable to significant changes in the scope of the improvements or applicable to alternate site uses. We recommend that proposed utility, pavement and grading plans be reviewed by our office to determine if additional considerations are necessary to address anticipated subsurface conditions.

The soils exposed in soil undercut areas should be evaluated for suitability prior to placement of structural fill, as previously indicated in this report. Soils and aggregates placed as structural fill should be tested as the work progresses to verify that minimum compaction requirements have been met.

If you have any questions concerning the findings or recommendations presented in this report, please let me know.

Very truly yours,

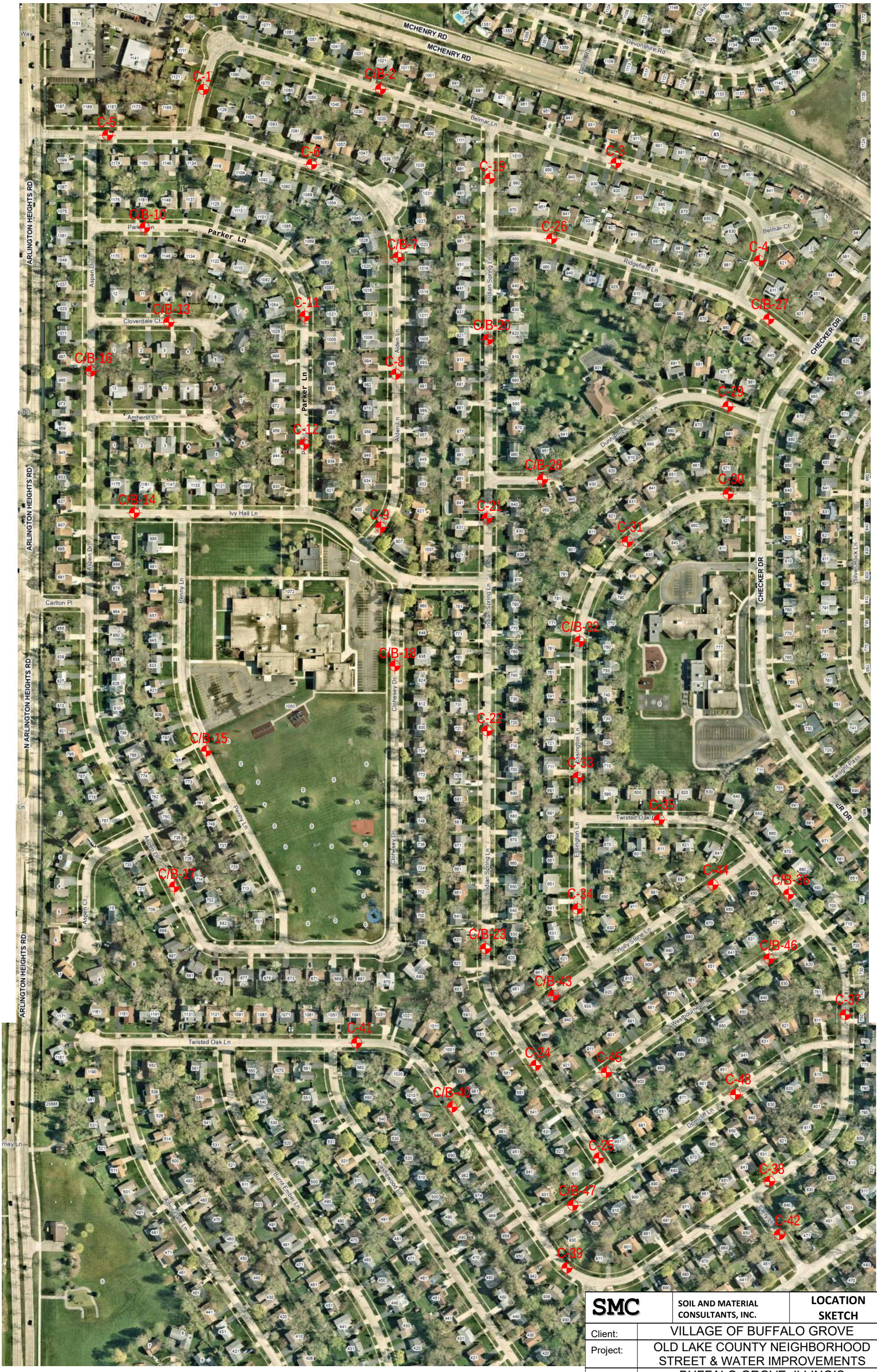
SOIL AND MATERIAL CONSULTANTS, INC.

Thomas P. Johnson, P.E
President

Martin Clarke
Project Engineer

TPJ:MC:ek
Enc.

cc: Mr. Lucas Deferville – Gewalt Hamilton Associates, Inc.



SMC	SOIL AND MATERIAL CONSULTANTS, INC.	LOCATION SKETCH
Client:	VILLAGE OF BUFFALO GROVE	
Project:	OLD LAKE COUNTY NEIGHBORHOOD STREET & WATER IMPROVEMENTS	
Location:	BUFFALO GROVE, ILLINOIS	
File No. 28521	Date: 3-20-25	Scale: NONE

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 2/27/25

File No.: 28521

CORE LOG

Client: Village of Buffalo Grove

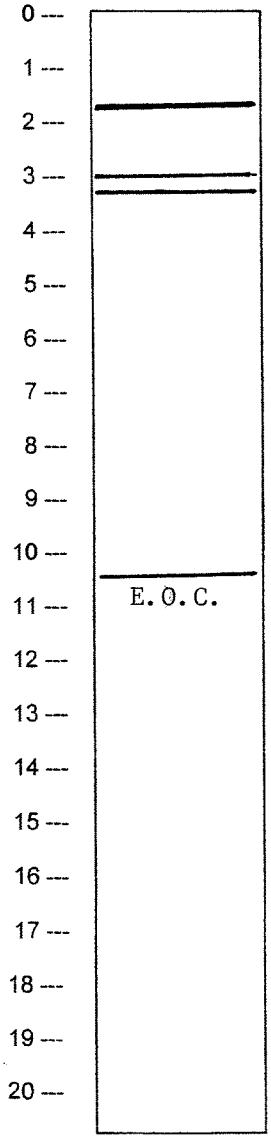
Reference: Old Lake County Street & Water Improvements, Buffalo Grove, IL

Core No: 1

Work Done By: AD & DB

Location of Core: 1121 Belmar Ln., 7' E. of CL

Comments:



Type of Material	Recovery
1-3/4" Bituminous concrete - surface	Full
Petromat	
1-1/4" Bituminous concrete - surface	Full
0-1/4" Bituminous concrete - surface (sand mix) no bond	Full
7-1/4" Bituminous concrete - binder	Full
Total 10-1/2"	

G-333

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 2/27/25

File No.: 28521

CORE LOG

Client: Village of Buffalo Grove

Reference: Old Lake County Street & Water Improvements, Buffalo Grove, IL

Core No: 2

Work Done By: AD & DB

Location of Core: 1020 Bemar Ln., 8' N. of CL

Comments:

(Depth, In.)

0 ---
1 ---
2 ---
3 ---
4 ---
5 ---
6 ---
7 ---
8 --- E.O.C.
9 ---
10 ---
11 ---
12 ---
13 ---
14 ---
15 ---
16 ---
17 ---
18 ---
19 ---
20 ---

Type of Material	Recovery
1-0" Bituminous concrete - surface Petromat	Full
2-0" Bituminous concrete - surface no bond	Full
2-1/2" Bituminous concrete - binder	Full
2-0" Bituminous concrete - binder	Full
Total 7-1/2"	

G-333

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 2/27/25

File No.: 28521

CORE LOG

Client: Village of Buffalo Grove

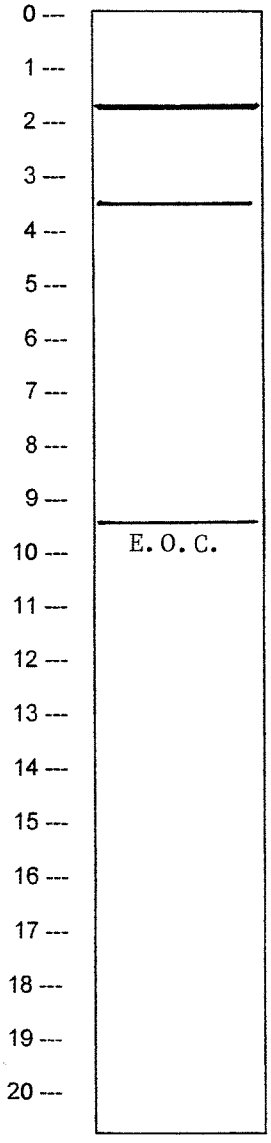
Reference: Old Lake County Street & Water Improvements, Buffalo Grove, IL

Core No: 3

Work Done By: AD & DB

Location of Core: 930 Belmar Ln., 7' S. of CL

Comments:



Type of Material	Recovery
1-3/4" Bituminous concrete - surface	Full
Petromat	
1-3/4" Bituminous concrete - surface	Full
6-0" Bituminous concrete - binder	Full
Total 9-1/2"	

G-333

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 2/27/27

File No.: 28521

CORE LOG

Client: Village of Buffalo Grove

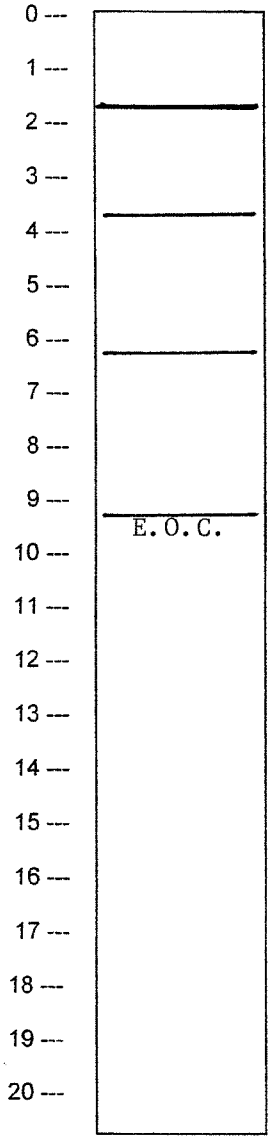
Reference: Old Lake County Street & Water Improvements, Buffalo Grove, IL

Core No: 4

Work Done By: AD & DB

Location of Core: 811 Belmar Ln., 6' E. of CL

Comments:



Type of Material	Recovery
1-3/4" Bituminous concrete - surface	Full
Petromat	
2-0" Bituminous concrete - surface	Full
no bond	
2-1/2" Bituminous concrete - binder	Full
3-0" Bituminous concrete - binder	Full
Total 9-1/4"	

G-333

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 3/5/25

File No.: 28521

CORE LOG

Client: Village of Buffalo Grove

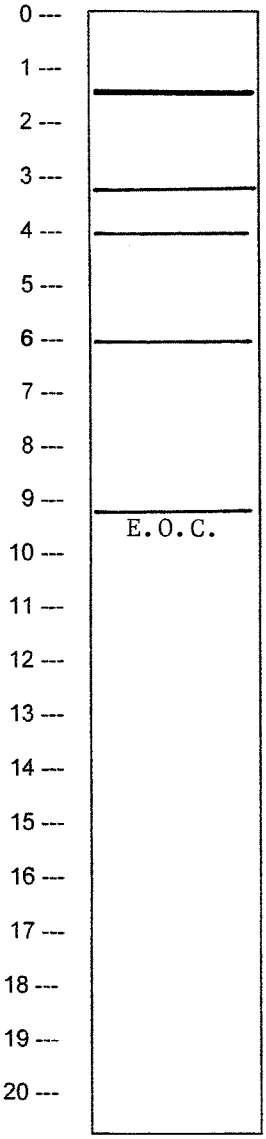
Reference: Old Lake County Street & Water Improvements, Buffalo Grove, IL

Core No: 19

Work Done By: AD & DB

Location of Core: 990 Indian Spring Ln., 7' E. of CL

Comments:



Type of Material	Recovery
1-1/2" Bituminous concrete - surface	Full
Petromat	
1-3/4" Bituminous concrete - surface	Full
0-3/4" Bituminous concrete - surface	Full
2-0" Bituminous concrete - binder	Full
3-1/4" Bituminous concrete - binder	Full
Total 9-1/4"	

G-333

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 3/5/25

File No.: 28521

CORE LOG

Client: Village of Buffalo Grove

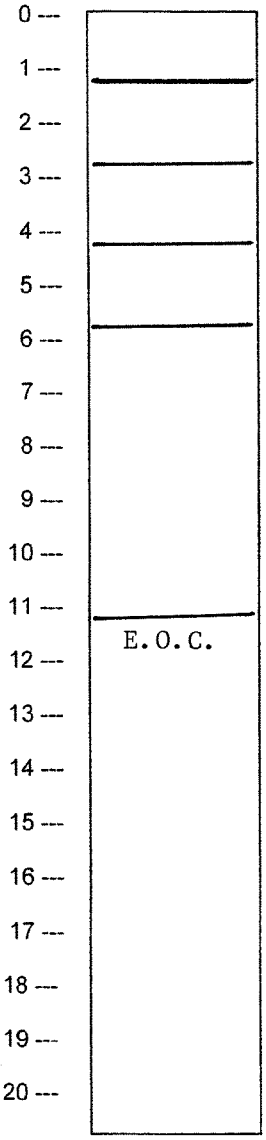
Reference: Old Lake County Street & Water Improvements, Buffalo Grove, IL

Core No: 20

Work Done By: AD & DB

Location of Core: 921 Indian Spring Ln., 7' W. of CL

Comments:



Type of Material	Recovery
1-1/4" Bituminous concrete - surface Petromat	Full
1-1/2" Bituminous concrete - surface	Full
1-1/2" Bituminous concrete - surface	Full
1-1/2" Bituminous concrete - binder	Full
5-1/2" Bituminous concrete - binder	Full
Total 11-1/4"	

G-333

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 3/5/25

File No.: 28521

CORE LOG

Client: Village of Buffalo Grove

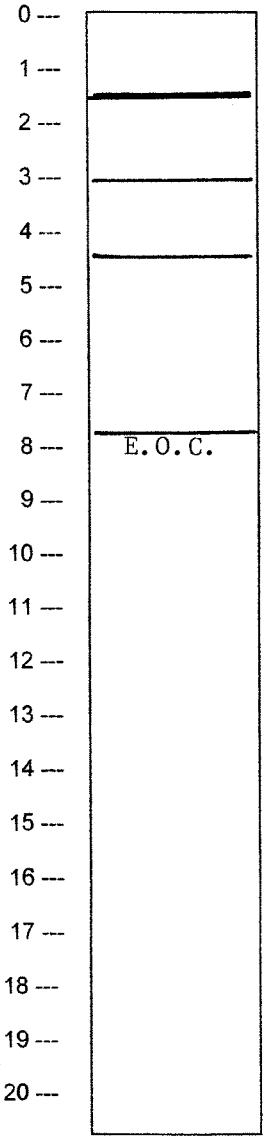
Reference: OId Lake County Street & Water Improvements, Buffalo Grove, IL

Core No: 21

Work Done By: AD & DB

Location of Core: 840 Indian Spring Ln., 6' E. of CL

Comments:



Type of Material		Recovery
1-1/2" Bituminous concrete --surface		Full
Petromat		
1-1/2" Bituminous concrete - surface	no bond	Full
1-1/2" Bituminous concrete - binder		Full
3-1/4" Bituminous concrete - binder		Full
Total 7-3/4"		

G-333

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 3/5/25

File No.: 28521

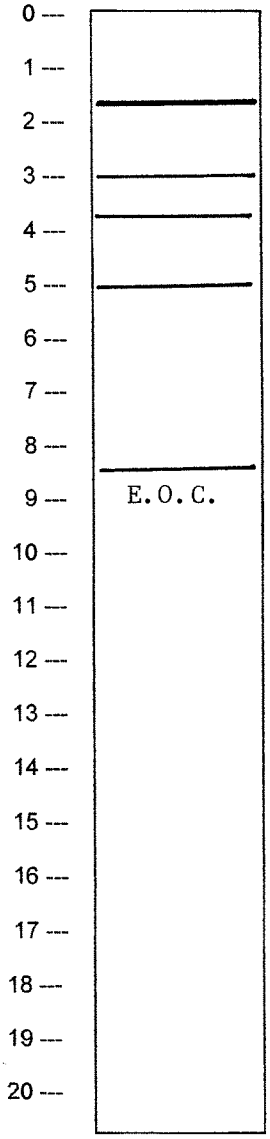
CORE LOG

Client: Village of Buffalo Grove Reference: Old Lake County Street & Water Improvements, Buffalo Grove, IL

Core No: 26 Work Done By: AD & DB

Location of Core: 941 Ridgefield Ln. 7' N. of CL

Comments:



Type of Material	Recovery
1-3/4" Bituminous concrete - surface	Full
Petromat	
1-1/4" Bituminous concrete - surface	Full
0-3/4" Bituminous concrete - surface (failed) no bond	Partial
1-1/4" Bituminous concrete - binder (failed)	Partial
3-1/2" Bituminous concrete - binder (failed)	Partial
Total 8-1/2"	

Note: Pavement failures and partial recovery may be a result of prior road widening. SEE PICTURE

G-333

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 3/5/25

File No.: 28521

CORE LOG

Client: Village of Buffalo Grove

Reference: Old Lake County Street & Water Improvements, Buffalo Grove, IL

Core No: 27

Work Done By: AD & DB

Location of Core: 850 Ridgefield Ln., 6' S. of CL

Comments:

(Depth, In.)	Type of Material	Recovery
0		
1	1-1/2" Bituminous concrete - surface	Full
	Petromat	
2	1-0" Bituminous concrete - surface	Full
3	1-0" Bituminous concrete - surface	Full
4	1-3/4" Bituminous concrete - binder	Full
5		
6	2-1/4" Bituminous concrete - binder	Full
7		
8	E.O.C. Total 7-1/2"	
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

G-333

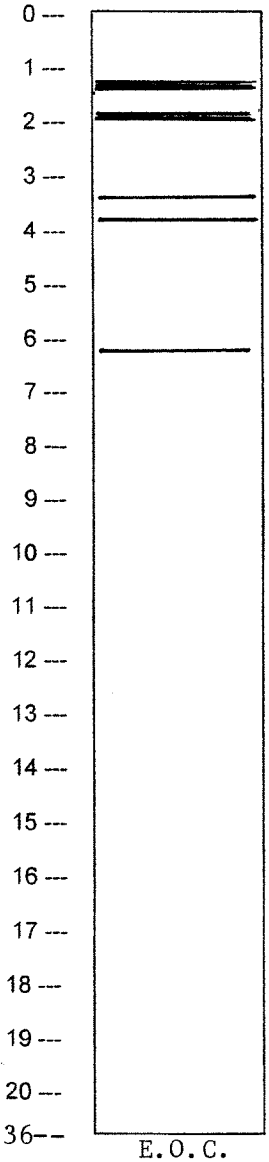
SOIL AND MATERIAL CONSULTANTS, INC.
8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 3/5/25
File No.: 28521

CORE LOG

Client: Village of Buffalo Grove
Reference: Old Lake County Street & Water Improvements, Buffalo Grove, IL
Core No: 28
Work Done By: AD & DB
Location of Core: 950 Dunham Ln., 7' S. of CL

Comments:



Type of Material		Recovery
1-1/2" Bituminous concrete - surface		Full
Petromat		
0-1/4" Bituminous concrete - surface		Full
Petromat		
1-3/4" Bituminous concrete - surface	no bond	Full
0-1/4" Bituminous concrete - surface		Full
2-1/2" Bituminous concrete - binder		Full
29-3/4" Crushed gravel with fines		Partial
Total 36-0"		

G-333

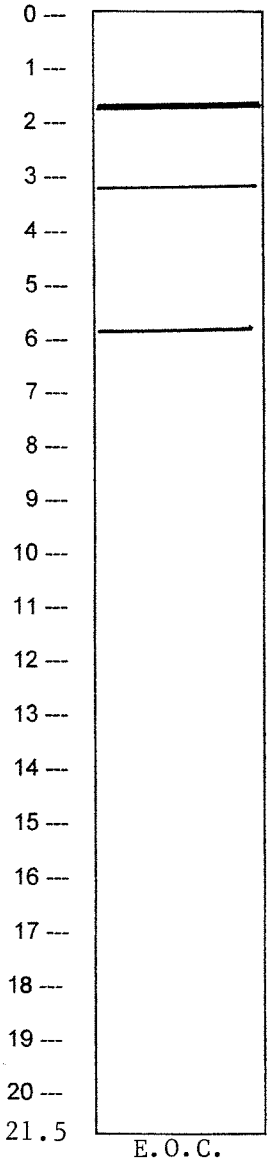
SOIL AND MATERIAL CONSULTANTS, INC.
8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 3/5/25
File No.: 28521

CORE LOG

Client: Village of Buffalo Grove
Reference: Old Lake County Street & Water Improvements, Buffalo Grove, IL
Core No: 29
Work Done By: AD & DB
Location of Core: 861 Dunham Ln., 7' N. of CL

Comments:



Type of Material	Recovery
1-3/4" Bituminous concrete - surface	Full
Petromat	
1-1/2" Bituminous concrete - surface	Full
2-1/2" Bituminous concrete - binder	Full
15-3/4"+ Crushed gravel with fines	Partial
Total 21-1/2"+	

G-333

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

SOIL BORING LOG 2

Logged By: CS **Page:** 1 of 1

Client: Village of Buffalo Grove

File No. 28521 **Date Drilled:** 3/10/25

Reference: Old Lake County Street & Water Improvements Buffalo Grove, IL

Comments:

Equipment: ☒D - 25 ☐ D - 50 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content Δ	dry unit weight lbs./cu.ft. ϑ	unconfined compressive strengh ○
	(See Core Log)				
1	Brown-gray to brown clay,some silt,trace sand & gravel,damp,hard to very hard				
2		11	16.0	114.8	5.3
3					
4					
5		16	16.5	112.6	6.9
6					
7		19	16.9	118.8	6.2
8					
9					
10	End of Boring	22	17.1	116.2	8.6

○ unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0
× standard penetration "N", blows/ft.
Δ moisture content, %
10 20 30 40

Water encountered at dry feet during drilling operations (W.D.)
Water recorded at dry feet on completion of drilling operations (A.D.)
Water recorded at feet hours after completion of drilling operations (A.D.)

G-303d

SOIL AND MATERIAL CONSULTANTS, INC.
8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

SOIL BORING LOG 20

Logged By: CS **Page:** 1 of 1

Client: Village of Buffalo Grove

File No. 28521 **Date Drilled:** 3/10/25

Reference: Old Lake County Street & Water Improvements Buffalo Grove, IL

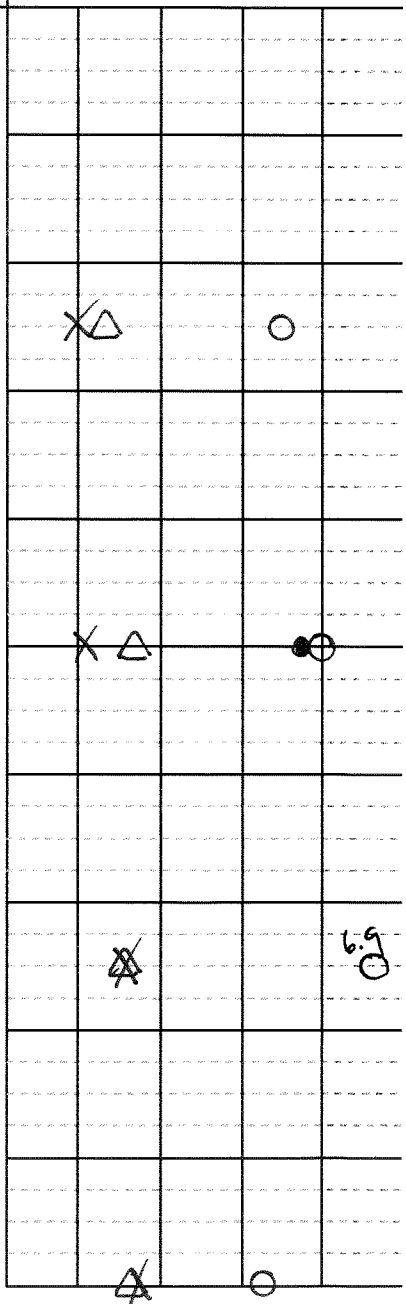
Comments:

Equipment: ☒D - 25 ☐ D - 50 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content △	dry unit weight lbs./cu.ft. ϑ	unconfined compressive strengh ○
	(See Core Log)				
1	Brown-gray to brown clay,some silt,trace sand & gravel,damp,very tough to hard				
2		10	14.0	119.0	3.5
3					
4					
5		11	18.0	115.6	4.0
6					
7		16	16.2	119.2	6.9
8					
9	Brown-gray to brown clay,some silt,trace sand & gravel,damp,very tough				
10	End of Boring	17	16.4	114.4	3.4

○ unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0

× standard penetration "N", blows/ft.
△ moisture content, %
10 20 30 40



Water encountered at dry feet during drilling operations (W.D.)
Water recorded at dry feet on completion of drilling operations (A.D.)
Water recorded at feet hours after completion of drilling operations (A.D.)

G-303d

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

SOIL BORING LOG 27

Logged By: CS **Page:** 1 of 1

Client: Village of Buffalo Grove

File No. 28521 **Date Drilled:** 3/10/25

Reference: Old Lake County Street & Water Improvements Buffalo Grove, IL

Comments:

Equipment: ☒D - 25 ☐ D - 50 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content Δ	dry unit weight lbs./cu.ft. ɣ	unconfined compressive strengh ○
	(See Core Log)				
1	Brown clay,some silt,trace sand & gravel damp,hard				
2					
3		13	17.7	113.7	4.4
4					
5					
6		14	17.1	111.8	5.3
7					
8					
9		13	17.2	116.3	5.1
10	End of Boring	18	17.2	118.6	4.4

○ unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0
× standard penetration "N", blows/ft.
Δ moisture content, %
10 20 30 40

Water encountered at dry feet during drilling operations (W.D.)
Water recorded at dry feet on completion of drilling operations (A.D.)
Water recorded at feet hours after completion of drilling operations (A.D.)

G-303d

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

SOIL BORING LOG 28

Logged By: CS **Page:** 1 of 1

Client: Village of Buffalo Grove

File No. 28521 **Date Drilled:** 3/10/25

Reference: Old Lake County Street & Water Improvements Buffalo Grove, IL

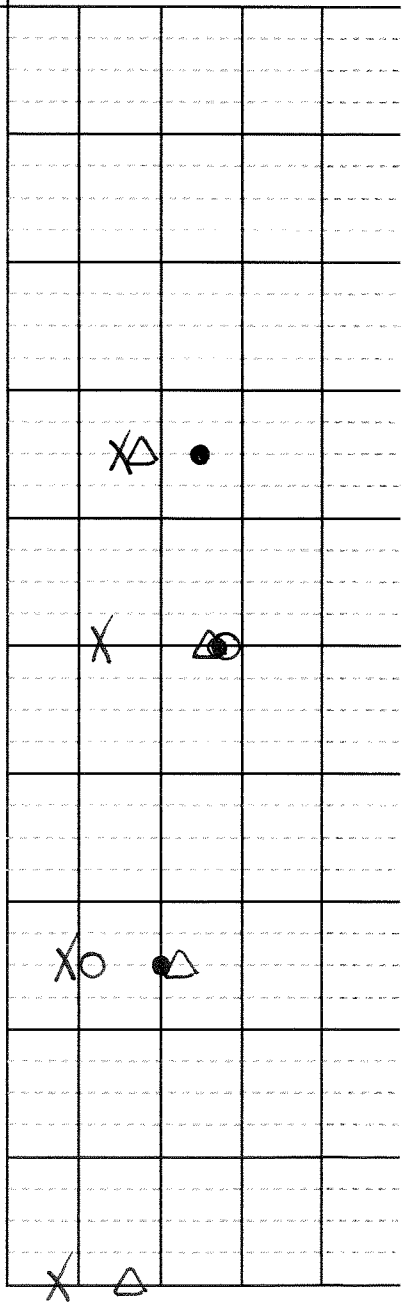
Comments:

Equipment: ☒D - 25 ☐ D - 50 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content Δ	dry unit weight lbs./cu.ft. ϑ	unconfined compressive strengh ○
1	(See Core Log)				
2					
3	Brown clay,some silt,trace sand & gravel damp,very tough - Fill	15	19.2		
4	Brown-gray to brown clay,some silt,trace sand & gravel,damp,very tough				
5		13	25.6	101.8	2.9
6	Brown-gray to brown clay,some silt,trace sand & gravel,damp,tough				
7		8	21.7	108.0	1.2
8	Brown silt,some clay,trace sand,damp, loose				
9					
10	End of Boring	6	15.6		

○ unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0

× standard penetration "N", blows/ft.
Δ moisture content, %
10 20 30 40



Water encountered at 2.0 feet during drilling operations (W.D.)
Water recorded at 8.0 feet on completion of drilling operations (A.D.)
Water recorded at feet hours after completion of drilling operations (A.D.)

G-303d

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

GENERAL NOTES

SAMPLE CLASSIFICATION

Soil sample classification is based on the Unified Soil Classification System, the Standard Practice for Description and Identification Soils (Visual-Manual Procedure), ASTM D-2488, the Standard Test Method for Classification of Soils for Engineering Purposes, ASTM D-2487 (when applicable), and the modifiers noted below.

CONSISTENCY OF COHESIVE SOILS

Term	Qu-tons.sq.ft.	N (unreliable)
Very soft	0.00 – 0.25	0 – 2
Soft	0.26 – 0.49	3 – 4
Stiff	0.50 – 0.99	5 – 8
Tough	1.00 – 1.99	9 –15
Very Tough	2.00 – 3.99	16 – 30
Hard	4.00 – 7.99	30 +
Very Hard	8.00 +	

RELATIVE DENSITY OF GRANULAR SOILS

Term	N – blows/foot
Very Loose	0 – 4
Loose	5 – 9
Medium Dense	10 – 29
Dense	30 – 49
Very Dense	50 +

IDENTIFICATION AND TERMINOLOGY

Term	Size Range
Boulder	over 8 in.
Cobble	3 in. to 8 in.
Gravel - coarse	1 in. to 3 in.
- medium	3/8 in. to 1 in.
- fine	#4 sieve to 3/8 in.
Sand - coarse	#10 sieve to #4 sieve
- medium	#40 sieve to #10 sieve
- fine	#200 sieve to #40 sieve
Silt	0.002 mm to #200 sieve
Clay	smaller than 0.002mm

Modifying Term	Percent by Weight
Trace	1 – 10
Little	11 – 20
Some	21 – 35
And	36 – 50

Moisture Content

Dry
Damp
Very Damp
Saturated

DRILLING, SAMPLING & SOIL PROPERY SYMBOLS

- CF - Continuous Flight Auger
- HS - Hollow Stem Auger
- HA - Hand Auger
- RD - Rotary Drilling
- AX - Rock Core, 1-3/16 in. diameter
- BX - Rock Core, 1-5/8 in. diameter
- NX - Rock Core, 2-1/8 in. diameter
- S - Sample Number
- T - Type of Sample
- J - Jar
- AS - Auger Sample
- SS - Split Spoon (2 in. O.D. with 1-3/8 in. I.D.)
- ST - Shelby Tube (2 in. O.D. w/ith1-7/8 in. I. D.)
- R - Recovery Length, in.
- B - Blows/6 in. interval, Standard Penetration Test (SPT)
- N - Blows/foot to drive 2 in. O.D. split-spoon sampler with 140 lb. hammer falling 30 in., (STP)
- Pen. - Pocket Penetrometer readings, tons/sq.ft.
- W - Water Content, % dry weight
- Uw - Dry Unit Weight of soil, lbs./cu.ft.
- Qu - Unconfined Compressive Strength, tons/sq.ft.
- Str - % Strain at Qu.
- WL - Water Level
- WD - While Drilling
- AD - After Drilling
- DCI - Dry Cave-in.
- WCI - Wet Cave-in.
- LL - Liquid Limit, %
- PL - Plastic Limit, %
- PI - Plasticity Index (LL-PL)
- LI - Liquidity Index [(W-PL)/PI]

28521
C-1

28521
C/B-2

28521
C-3

28521
C-4

28521
C/B-17

28521
C/B-18

28521
C-19

28521
C/B-20

28521
C-21

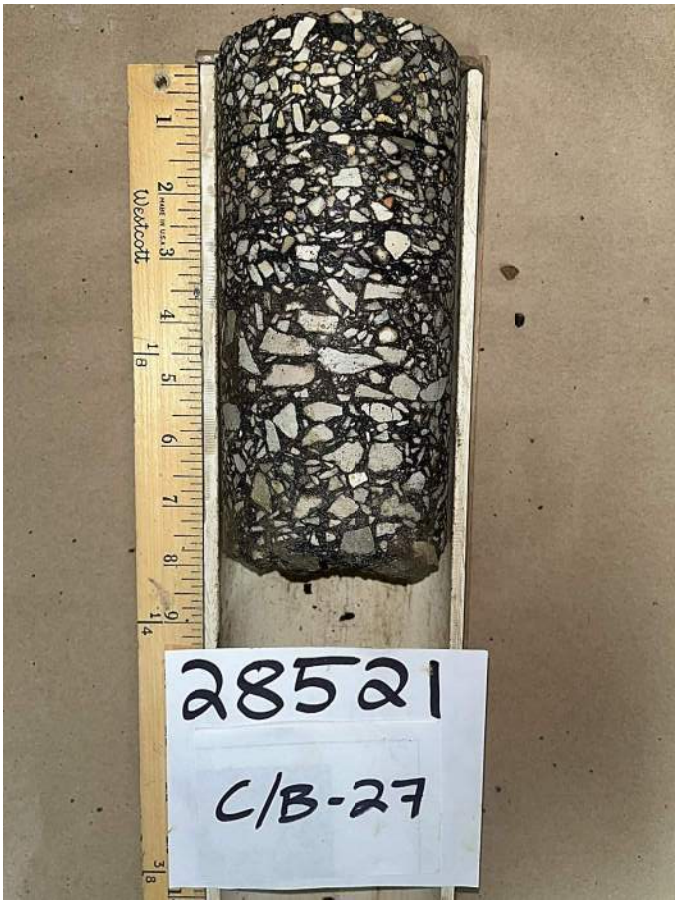
28521
C-22

28521
C/B-23

28521
C-24

28521
C-25

28521
C-26


28521
C/B-27

28521
C/B-28

28521
C-29

28521
C-30

28521
C-31

28521
C/B-32

December 15, 2025

GEWALT HAMILTON ASSOCIATES, INC.
CONSULTING ENGINEERS
625 Forest Edge Drive, Vernon Hills, IL 60061
TEL 847.478.9700 ■ FAX 847.478.9701
www.gha-engineers.com

Mr. Adam Dow
Civil Engineer II
Village of Buffalo Grove
1650 Leider Lane
Buffalo Grove, Illinois 60089

Re: Northern Old Lake County Street & Water Improvements
VoBG-2025-15
Bid Results and Recommendation for Award

Dear Mr. Dow:

On Thursday, December 11, 2025, bid proposals for the above referenced project were received, opened, and publicly read aloud via a Microsoft Teams video conference. This project includes water main and roadway improvements on Belmar Lane, Indian Spring Lane, Ridgefield Lane, and Dunham Lane within the Old Lake County Subdivision.

As directed, the work considered was separated into a 'base bid' and an 'alternate'. Thus, two separate bid schedules were received from each contractor. All the proposed work was included in the base bid, with alternate 01 showing a second option for method of landscape restoration.

Bid documents were solicited and available to contractors on the Village's website, and bids were received by seven (7) contractors. As-read, the combined bid amounts ranged from $5,333,940.35 to $6,490,434.51; the Engineer's Opinion of Probable Cost (EOPC) was $6,001,578.00. The as-read low bid of $5,333,940.35 was received from Bolder Contractors, Inc. of Cary, Illinois. The bids for the base bid ranged from $5,176,727.85 to $6,368,684.51; the EOPC was $5,891,903.00. The bids for alternate 01 ranged from $121,750.00 to $215,628.00; the EOPC was $109,675.00.

Bolder Contractors, 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 Northern Old Lake County Street & Water Improvements to Bolder Contractors, Inc. in the amount of $5,333,940.35 which includes both 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) 478-9700 or by email at kjohnson@gha-engineers.com.

Sincerely,
GEWALT HAMILTON ASSOCIATES, INC.

Kyle E. Johnson, PE, CFM
Market Lead Government Operations

Encl.: Bid Summary

CC: Tom Wisniewski – Village of Buffalo Grove
Briget Schwab, PE – Village of Buffalo Grove
Scott Yandell, PE – Gewalt Hamilton Associates, Inc.
Lucas Deferville – Gewalt Hamilton Associates, Inc.

GHA GEWALT HAMILTON ASSOCIATES, INC.

Client: Village of Buffalo Grove
Project: Northern Old Lake County Street & Water Improvements
GHA Project No: 4798.087

Project Manager: Kyle Johnson, PE
Bid Opening Date: 12/11/2025
Bid Opening Location: Virtual

				Engineer's Opinion of Probable Cost		***BID TABULATION***													
						Bolder Contractors, Inc.		*Joel Kennedy Constuction*		*Berger Contractors*		*Campanella & Sons*		*Martam Construction*		*A Lamp Concrete Contractors, Inc*		*Everlast Blacktop*	
Item No.	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**
1	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	6.0	UN	$100.00	$600.00	$120.00	$720.00	$75.00	$450.00	$30.00	$180.00	$30.00	$180.00	$100.00	$600.00	$30.00	$180.00	$50.00	$300.00
2	TREE REMOVAL (OVER 15 UNITS DIAMETER)	20.0	UN	$100.00	$2,000.00	$120.00	$2,400.00	$90.00	$1,800.00	$70.00	$1,400.00	$70.00	$1,400.00	$130.00	$2,600.00	$70.00	$1,400.00	$52.00	$1,040.00
3	TREE TRUNK PROTECTION	137.0	EA	$175.00	$23,975.00	$80.00	$10,960.00	$185.00	$25,345.00	$250.00	$34,250.00	$135.00	$18,495.00	$185.00	$25,345.00	$150.00	$20,550.00	$165.00	$22,605.00
4	TREE ROOT PRUNING	137.0	EA	$90.00	$12,330.00	$70.00	$9,590.00	$130.00	$17,810.00	$90.00	$12,330.00	$90.00	$12,330.00	$85.00	$11,645.00	$50.00	$6,850.00	$160.00	$21,920.00
5	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	320.0	CY	$40.00	$12,800.00	$40.00	$12,800.00	$57.00	$18,240.00	$61.00	$19,520.00	$63.65	$20,368.00	$74.00	$23,680.00	$52.00	$16,640.00	$42.00	$13,440.00
6	TRENCH BACKFILL, COARSE AGGREGATE, CA-11 (SPECIAL)	6,280.0	CY	$38.00	$238,640.00	$1.00	$6,280.00	$1.00	$6,280.00	$0.01	$62.80	$108.85	$683,578.00	$81.00	$508,680.00	$10.00	$62,800.00	$78.50	$492,980.00
7	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	17,845.0	SY	$2.50	$44,612.50	$1.50	$26,767.50	$2.50	$44,612.50	$2.65	$47,289.25	$2.35	$41,935.75	$2.00	$35,690.00	$1.10	$19,629.50	$1.80	$32,121.00
8	GENERAL LANDSCAPE RESTORATION (SPECIAL)	6,250.0	SY	$13.00	$81,250.00	$19.00	$118,750.00	$15.50	$96,875.00	$18.75	$117,187.50	$13.50	$84,375.00	$11.00	$68,750.00	$13.75	$85,937.50	$11.00	$68,750.00
9	TEMPORARY MULCH, METHOD 3A (SPECIAL)	6,250.0	SY	$2.00	$12,500.00	$0.25	$1,562.50	$0.10	$625.00	$1.85	$11,562.50	$0.50	$3,125.00	$1.00	$6,250.00	$5.00	$31,250.00	$1.20	$7,500.00
10	TEMPORARY EROSION CONTROL SEEDING (SPECIAL)	6,250.0	SY	$1.50	$9,375.00	$0.25	$1,562.50	$0.10	$625.00	$0.30	$1,875.00	$0.50	$3,125.00	$1.00	$6,250.00	$1.00	$6,250.00	$1.00	$6,250.00
11	MOWING (SPECIAL)	4.0	EA	$700.00	$2,800.00	$500.00	$2,000.00	$200.00	$800.00	$1,360.00	$5,440.00	$1,000.00	$4,000.00	$360.00	$1,440.00	$5,000.00	$20,000.00	$1,700.00	$6,800.00
12	SUPPLEMENTAL WATERING	20.0	UN	$100.00	$2,000.00	$28.00	$560.00	$20.00	$400.00	$25.00	$500.00	$100.00	$2,000.00	$30.00	$600.00	$200.00	$4,000.00	$125.00	$2,500.00
13	INLET FILTERS	62.0	EA	$200.00	$12,400.00	$220.00	$13,640.00	$275.00	$17,050.00	$275.00	$17,050.00	$225.00	$13,950.00	$265.00	$16,430.00	$15.00	$930.00	$280.00	$17,360.00
14	AGGREGATE SUBGRADE IMPROVEMENT	320.0	CY	$65.00	$20,800.00	$60.00	$19,200.00	$63.00	$20,160.00	$78.00	$24,960.00	$97.80	$31,296.00	$74.00	$23,680.00	$60.00	$19,200.00	$68.00	$21,760.00
15	SUBBASE GRANULAR MATERIAL, TYPE B, CA-11, 4" (SPECIAL)	2,820.0	SY	$9.00	$25,380.00	$11.00	$31,020.00	$12.00	$33,840.00	$16.85	$47,517.00	$41.20	$116,184.00	$9.00	$25,380.00	$12.45	$35,109.00	$7.90	$22,278.00
16	AGGREGATE BASE COURSE, TYPE B VARIES (SPECIAL)	12,840.0	TN	$45.00	$577,800.00	$1.00	$12,840.00	$35.00	$449,400.00	$43.50	$558,540.00	$44.85	$575,874.00	$41.00	$526,440.00	$33.00	$423,720.00	$36.00	$462,240.00
17	TEMPORARY AGGREGATE SURFACE COURSE (SPECIAL)	5,670.0	SY	$4.50	$25,515.00	$0.01	$56.70	$10.00	$56,700.00	$7.50	$42,525.00	$15.00	$85,050.00	$11.00	$62,370.00	$1.00	$5,670.00	$7.18	$40,710.60
18	PREPARATION OF BASE	2,610.0	SY	$2.50	$6,525.00	$3.00	$7,830.00	$8.00	$20,880.00	$3.00	$7,830.00	$2.10	$5,481.00	$3.00	$7,830.00	$1.65	$4,306.50	$2.90	$7,569.00
19	BITUMINOUS MATERIALS (TACK COAT)	4,615.0	LBS	$0.20	$923.00	$0.01	$46.15	$0.01	$46.15	$0.01	$46.15	$0.01	$46.15	$0.01	$46.15	$0.01	$46.15	$0.01	$46.15
20	PAVEMENT REMOVAL (SPECIAL)	17,500.0	SY	$22.00	$385,000.00	$10.00	$175,000.00	$14.00	$245,000.00	$19.00	$332,500.00	$26.00	$455,000.00	$18.00	$315,000.00	$23.50	$411,250.00	$10.51	$183,925.00
21	HOT-MIX ASPHALT BINDER COURSE (SPECIAL)	2,520.0	TN	$92.00	$231,840.00	$82.00	$206,640.00	$82.00	$206,640.00	$79.50	$200,340.00	$81.90	$206,388.00	$94.00	$236,880.00	$103.00	$259,560.00	$91.60	$230,832.00
22	HOT-MIX ASPHALT SURFACE COURSE (SPECIAL)	2,020.0	TN	$95.00	$191,900.00	$88.00	$177,760.00	$87.00	$175,740.00	$84.50	$170,690.00	$87.40	$176,548.00	$100.00	$202,000.00	$107.00	$216,140.00	$94.62	$191,132.40
23	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	2,470.0	SY	$90.00	$222,300.00	$69.00	$170,430.00	$90.00	$222,300.00	$83.25	$205,627.50	$66.00	$163,020.00	$112.00	$276,640.00	$97.00	$239,590.00	$102.00	$251,940.00
24	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	12,625.0	SF	$13.00	$164,125.00	$9.30	$117,412.50	$13.00	$164,125.00	$10.75	$135,718.75	$9.00	$113,625.00	$11.00	$138,875.00	$10.00	$126,250.00	$10.90	$137,612.50
25	DETECTABLE WARNINGS (FURNISHED BY OTHERS) (SPECIAL)	160.0	SF	$35.00	$5,600.00	$8.00	$1,280.00	$20.00	$3,200.00	$13.00	$2,080.00	$13.00	$2,080.00	$23.00	$3,680.00	$25.00	$4,000.00	$40.00	$6,400.00
26	PORTLAND CEMENT CONCRETE MEDIAN SURFACE, 4 INCH	24.0	SF	$115.00	$2,760.00	$40.00	$960.00	$20.00	$480.00	$50.00	$1,200.00	$50.00	$1,200.00	$46.00	$1,104.00	$55.00	$1,320.00	$80.00	$1,920.00
27	DRIVEWAY PAVEMENT REMOVAL (SPECIAL)	2,470.0	SY	$17.50	$43,225.00	$12.00	$29,640.00	$18.00	$44,460.00	$11.00	$27,170.00	$12.90	$31,863.00	$22.00	$54,340.00	$17.50	$43,225.00	$18.00	$44,460.00
28	COMBINATION CURB AND GUTTER REMOVAL	11,160.0	FT	$9.00	$100,440.00	$6.00	$66,960.00	$6.00	$66,960.00	$5.75	$64,170.00	$6.75	$75,330.00	$9.00	$100,440.00	$6.15	$68,634.00	$8.25	$92,070.00
29	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	125.0	FT	$15.00	$1,875.00	$30.00	$3,750.00	$35.00	$4,375.00	$32.50	$4,062.50	$32.50	$4,062.50	$45.00	$5,625.00	$16.00	$2,000.00	$12.00	$1,500.00
30	SIDEWALK REMOVAL	12,945.0	SF	$2.50	$32,362.50	$2.00	$25,890.00	$2.00	$25,890.00	$1.50	$19,417.50	$1.35	$17,475.75	$2.00	$25,890.00	$1.60	$20,712.00	$1.90	$24,595.50
31	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 12"	60.0	FT	$150.00	$9,000.00	$120.00	$7,200.00	$150.00	$9,000.00	$128.00	$7,680.00	$98.65	$5,919.00	$166.00	$9,960.00	$145.00	$8,700.00	$145.00	$8,700.00
32	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 15"	10.0	FT	$175.00	$1,750.00	$200.00	$2,000.00	$230.00	$2,300.00	$194.00	$1,940.00	$189.95	$1,899.50	$189.00	$1,890.00	$215.00	$2,150.00	$175.00	$1,750.00
33	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 21"	320.0	FT	$200.00	$64,000.00	$160.00	$51,200.00	$240.00	$76,800.00	$160.00	$51,200.00	$111.75	$35,760.00	$216.00	$69,120.00	$175.00	$56,000.00	$170.00	$54,400.00
34	WATER MAIN 6" (SPECIAL)	10.0	FT	$135.00	$1,350.00	$350.00	$3,500.00	$170.00	$1,700.00	$242.00	$2,420.00	$123.50	$1,235.00	$268.00	$2,680.00	$255.00	$2,550.00	$145.00	$1,450.00
35	WATER MAIN 8" (SPECIAL)	2,650.0	FT	$140.00	$371,000.00	$290.00	$768,500.00	$173.00	$458,450.00	$201.00	$532,650.00	$114.40	$303,160.00	$171.00	$453,150.00	$159.00	$421,350.00	$118.00	$312,700.00
36	WATER MAIN 8" (FURNISHED BY OTHERS) (SPECIAL)	3,325.0	FT	$130.00	$432,250.00	$245.00	$814,625.00	$140.00	$465,500.00	$168.00	$558,600.00	$63.45	$210,971.25	$135.00	$448,875.00	$110.00	$365,750.00	$74.21	$246,748.25
37	WATER VALVES 8" (SPECIAL)	5.0	EA	$3,500.00	$17,500.00	$5,000.00	$25,000.00	$2,600.00	$13,000.00	$3,150.00	$15,750.00	$2,820.40	$14,102.00	$3,640.00	$18,200.00	$2,925.00	$14,625.00	$4,690.00	$23,450.00
38	WATER VALVES 8" (FURNISHED BY OTHERS) (SPECIAL)	6.0	EA	$2,000.00	$12,000.00	$3,500.00	$21,000.00	$700.00	$4,200.00	$1,020.00	$6,120.00	$596.00	$3,576.00	$2,200.00	$13,200.00	$750.00	$4,500.00	$2,500.00	$15,000.00
39	FIRE HYDRANT EXTENSION (SPECIAL)	6.0	EA	$2,500.00	$15,000.00	$1,800.00	$10,800.00	$1,800.00	$10,800.00	$915.00	$5,490.00	$1,713.00	$10,278.00	$1,650.00	$9,900.00	$2,150.00	$12,900.00	$2,300.00	$13,800.00
40	FIRE HYDRANT ASSEMBLY, COMPLETE (SPECIAL)	11.0	EA	$5,600.00	$61,600.00	$14,000.00	$154,000.00	$14,000.00	$154,000.00	$10,400.00	$114,400.00	$9,632.00	$105,952.00	$11,640.00	$128,040.00	$12,900.00	$141,900.00	$10,800.00	$118,800.00
41	FIRE HYDRANT ASSEMBLY, COMPLETE (FURNISHED BY OTHERS) (SPECIAL)	8.0	EA	$3,750.00	$30,000.00	$8,500.00	$68,000.00	$8,600.00	$68,800.00	$4,100.00	$32,800.00	$3,342.00	$26,736.00	$6,000.00	$48,000.00	$6,350.00	$50,800.00	$5,000.00	$40,000.00
42	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12 (SPECIAL)	10,110.0	FT	$40.00	$404,400.00	$28.00	$283,080.00	$26.00	$262,860.00	$26.00	$262,860.00	$29.50	$298,245.00	$44.00	$444,840.00	$33.00	$333,630.00	$37.00	$374,070.00
43	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED) (SPECIAL)	350.0	FT	$45.00	$15,750.00	$45.00	$15,750.00	$50.00	$17,500.00	$26.00	$9,100.00	$29.30	$10,255.00	$51.00	$17,850.00	$55.00	$19,250.00	$42.00	$14,700.00
44	PIPE UNDERDRAINS, 4" (SPECIAL)	2,600.0	FT	$40.00	$104,000.00	$34.00	$88,400.00	$35.00	$91,000.00	$43.00	$111,800.00	$6.35	$16,510.00	$26.00	$67,600.00	$52.00	$135,200.00	$38.00	$98,800.00
45	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	14.0	EA	$2,850.00	$39,900.00	$6,500.00	$91,000.00	$3,800.00	$53,200.00	$2,000.00	$28,000.00	$2,600.00	$36,400.00	$2,440.00	$34,160.00	$3,130.00	$43,820.00	$2,950.00	$41,300.00
46	CATCH BASINS, TYPE C, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	6.0	EA	$5,000.00	$30,000.00	$8,500.00	$51,000.00	$5,600.00	$33,600.00	$4,650.00	$27,900.00	$3,270.00	$19,620.00	$6,310.00	$37,860.00	$3,130.00	$18,780.00	$4,200.00	$25,200.00
47	MANHOLES, TYPE A, 4'-DIAMETER TYPE 1 FRAME AND LID	2.0	EA	$5,000.00	$10,000.00	$9,000.00	$18,000.00	$7,000.00	$14,000.00	$4,475.00	$8,950.00	$4,990.00	$9,980.00	$5,820.00	$11,640.00	$6,100.00	$12,200.00	$4,200.00	$8,400.00
48	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	11.0	EA	$5,250.00	$57,750.00	$5,000.00	$55,000.00	$9,800.00	$107,800.00	$5,125.00	$56,375.00	$7,016.00	$77,176.00	$6,460.00	$71,060.00	$7,175.00	$78,925.00	$5,200.00	$57,200.00
49	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	1.0	EA	$14,000.00	$14,000.00	$11,000.00	$11,000.00	$11,000.00	$11,000.00	$9,600.00	$9,600.00	$6,121.00	$6,121.00	$8,990.00	$8,990.00	$9,350.00	$9,350.00	$5,600.00	$5,600.00
50	DRAINAGE STRUCTURE TO BE ADJUSTED, TYPE 1, CLOSED LID (SPECIAL)	3.0	EA	$1,300.00	$3,900.00	$1,500.00	$4,500.00	$1,375.00	$4,125.00	$750.00	$2,250.00	$1,081.00	$3,243.00	$960.00	$2,880.00	$1,400.00	$4,200.00	$800.00	$2,400.00
51	DRAINAGE STRUCTURE TO BE ADJUSTED, TYPE 11, OPEN GRATE (SPECIAL)	5.0	EA	$1,375.00	$6,875.00	$1,500.00	$7,500.00	$1,450.00	$7,250.00	$975.00	$4,875.00	$1,202.00	$6,010.00	$1,340.00	$6,700.00	$1,500.00	$7,500.00	$800.00	$4,000.00
52	FRAMES AND LIDS, TYPE 1, CLOSED LID (SANITARY) (SPECIAL)	27.0	EA	$1,500.00	$40,500.00	$1,200.00	$32,400.00	$1,675.00	$45,225.00	$1,225.00	$33,075.00	$1,310.00	$35,370.00	$450.00	$12,150.00	$1,550.00	$41,850.00	$1,200.00	$32,400.00
53	MOBILIZATION	1.0	LS	$315,000.00	$315,000.00	$310,000.00	$310,000.00	$325,000.00	$325,000.00	$357,000.00	$357,000.00	$265,000.00	$265,000.00	$300,000.00	$300,000.00	$370,000.00	$370,000.00		$345,810.92
54	DRAINAGE & UTILITY STRUCTURE TO BE REMOVED (SPECIAL)	22.0	EA	$550.00	$12,100.00	$250.00	$5,500.00	$400.00	$8,800.00	$400.00	$8,800.00	$1,073.00	$23,606.00	$620.00	$13,640.00	$850.00	$18,700.00	$450.00	$9,900.00
55	VALVE VAULTS TO BE REMOVED (SPECIAL)	9.0	EA	$750.00	$6,750.00	$900.00	$8,100.00	$500.00	$4,500.00	$885.00	$7,965.00	$1,071.00	$9,639.00	$620.00	$5,580.00	$825.00	$7,425.00	$400.00	$3,600.00
56	VALVE VAULTS TO BE ABANDONED (SPECIAL)	3.0	EA	$500.00	$1,500.00	$600.00	$1,800.00	$500.00	$1,500.00	$1,020.00	$3,060.00	$596.00	$1,788.00	$600.00	$1,800.00	$825.00	$2,475.00	$400.00	$1,200.00
57	WATER VALVES TO BE REMOVED (SPECIAL)	10.0	EA	$700.00	$7,000.00	$400.00	$4,000.00	$150.00	$1,500.00	$765.00	$7,650.00	$531.00	$5,310.00	$880.00	$8,800.00	$825.00	$8,250.00	$1,200.00	$12,000.00
58	FIRE HYDRANTS TO BE REMOVED (SPECIAL)	14.0	EA	$1,200.00	$16,800.00	$900.00	$12,600.00	$500.00	$7,000.00	$1,020.00	$14,280.00	$810.00	$11,340.00	$1,060.00	$14,840.00	$750.00	$10,500.00	$2,200.00	$30,800.00
59	SANITARY SEWER TO BE REMOVED, 18-INCH DIAMETER OR LESS (SPECIAL)	345.0	FT	$40.00	$13,800.00	$20.00	$6,900.00	$1.00	$345.00	$120.00	$41,400.00	$157.40	$54,303.00	$14.00	$4,830.00	$1.00	$345.00	$40.00	$13,800.00
60	STORM SEWER TO BE REMOVED, 18-INCH DIAMETER OR LESS (SPECIAL)	560.0	FT	$20.00	$11,200.00	$1.00	$560.00	$1.00	$560.00	$28.00	$15,680.00	$52.80	$29,568.00	$12.00	$6,720.00	$1.00	$560.00	$40.00	$22,400.00
61	STORM SEWER TO BE REMOVED, GREATER THAN 18-INCH DIAMETER (SPECIAL)	320.0	FT	$25.00	$8,000.00	$1.00	$320.00	$1.00	$320.00	$29.00	$9,280.00	$92.25	$29,520.00	$20.00	$6,400.00	$1.00	$320.00	$40.00	$12,800.00
62	CONNECT INTO EXISTING DRAINAGE STRUCTURE (SPECIAL)	1.0	EA	$2,300.00	$2,300.00	$8,000.00	$8,000.00	$650.00	$650.00	$1,850.00	$1,850.00	$2,222.00	$2,222.00	$1,460.00	$1,460.00	$1,335.00	$1,335.00	$6,000.00	$6,000.00
63	STORM SEWER CONNECTION (SPECIAL)	9.0	EA	$2,000.00	$18,000.00	$900.00	$8,100.00	$450.00	$4,050.00	$1,925.00	$17,325.00	$557.15	$5,014.35	$1,460.00	$13,140.00	$1,365.00	$12,285.00	$3,200.00	$28,800.00
64	SANITARY SEWER CONNECTION (SPECIAL)	7.0	EA	$2,500.00	$17,500.00	$900.00	$6,300.00	$150.00	$1,050.00	$2,150.00	$15,050.00	$673.15	$4,712.05	$1,140.00	$7,980.00	$1,330.00	$9,310.00	$6,000.00	$42,000.00
65	ADJUSTING SANITARY SEWER SERVICE LINE (SPECIAL)	605.0	FT	$100.00	$60,500.00	$80.00	$48,400.00	$175.00	$105,875.00	$165.00	$99,825.00	$187.55	$113,467.75	$81.00	$49,005.00	$120.00	$72,600.00	$72.00	$43,560.00
66	SANITARY SEWER, WATER MAIN QUALITY PIPE, 6" (SPECIAL)	25.0	FT	$200.00	$5,000.00	$120.00	$3,000.00	$130.00	$3,250.00	$235.00	$5,875.00	$260.15	$6,503.75	$146.00	$3,650.00	$168.00	$4,200.00	$225.00	$5,625.00
67	SANITARY SEWER, WATER MAIN QUALITY PIPE, 8" (SPECIAL)	305.0	FT	$225.00	$68,625.00	$140.00	$42,700.00	$160.00	$48,800.00	$235.00	$71,675.00	$202.60	$61,793.00	$160.00	$48,800.00	$176.00	$53,680.00	$210.00	$64,050.00
68	SANITARY SEWER SERVICE, 6" PVC, COMPLETE (SPECIAL)	35.0	FT	$250.00	$8,750.00	$120.00	$4,200.00	$100.00	$3,500.00	$185.00	$6,475.00	$277.75	$9,721.25	$140.00	$4,900.00	$172.00	$6,020.00	$172.00	$6,020.00
69	SANITARY SEWER SERVICE RISER, 6" PVC, COMPLETE (SPECIAL)	1.0	EA	$1,750.00	$1,750.00	$825.00	$825.00	$3,500.00	$3,500.00	$2,600.00	$2,600.00	$958.00	$958.00	$1,440.00	$1,440.00	$2,450.00	$2,450.00	$2,200.00	$2,200.00
70	STORM SEWERS, WATER MAIN QUALITY PIPE, 10"	95.0	FT	$135.00	$12,825.00	$120.00	$11,400.00	$160.00	$15,200.00	$120.00	$11,400.00	$132.60	$12,597.00	$166.00	$15,770.00	$183.00	$17,385.00	$199.00	$18,905.00
71	STORM SEWERS, WATER MAIN QUALITY PIPE, 12"	375.0	FT	$150.00	$56,250.00	$120.00	$45,000.00	$170.00	$63,750.00	$128.00	$48,000.00	$129.70	$48,637.50	$170.00	$63,750.00	$187.00	$70,125.00	$172.00	$64,500.00
72	STORM SEWERS, WATER MAIN QUALITY PIPE, 15"	40.0	FT	$170.00	$6,800.00	$200.00	$8,000.00	$230.00	$9,200.00	$190.00	$7,600.00	$166.75	$6,670.00	$192.00	$7,680.00	$245.00	$9,800.00	$210.00	$8,400.00

Client: Village of Buffalo Grove

Project: Northern Old Lake County Street & Water Improvements

GHA Project No: 4798.087

Project Manager: Kyle Johnson, PE

Bid Opening Date: 12/11/2025

Bid Opening Location: Virtual

				Engineer's Opinion of Probable Cost		***BID TABULATION***													
						Bolder Contractors, Inc.		*Joel Kennedy Constuction*		*Berger Contractors*		*Campanella & Sons*		*Martam Construction*		*A Lamp Concrete Contractors, Inc*		*Everlast Blacktop*	
Item No.	**Description**	**Qty**	**Unit**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**	**Unit Price**	**Total**
73	ABANDON EXISTING WATER MAIN (SPECIAL)	100.0	CY	$420.00	$42,000.00	$200.00	$20,000.00	$200.00	$20,000.00	$495.00	$49,500.00	$270.00	$27,000.00	$266.00	$26,600.00	$100.00	$10,000.00	$165.00	$16,500.00
74	CUT AND CAP EXISTING WATER MAIN (SPECIAL)	3.0	EA	$4,300.00	$12,900.00	$4,000.00	$12,000.00	$1,500.00	$4,500.00	$7,125.00	$21,375.00	$861.00	$2,583.00	$1,780.00	$5,340.00	$725.00	$2,175.00	$12,000.00	$36,000.00
75	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE) - 8" (SPECIAL)	1.0	EA	$5,000.00	$5,000.00	$8,000.00	$8,000.00	$10,000.00	$10,000.00	$6,400.00	$6,400.00	$5,163.00	$5,163.00	$4,460.00	$4,460.00	$4,400.00	$4,400.00	$14,500.00	$14,500.00
76	PRESSURE CONNECTION 8" X 8" (SPECIAL)	2.0	EA	$11,000.00	$22,000.00	$8,000.00	$16,000.00	$12,400.00	$24,800.00	$8,400.00	$16,800.00	$10,553.00	$21,106.00	$8,340.00	$16,680.00	$8,350.00	$16,700.00	$14,000.00	$28,000.00
77	PRESSURE CONNECTION 6" X 6" (SPECIAL)	1.0	EA	$8,000.00	$8,000.00	$7,000.00	$7,000.00	$11,500.00	$11,500.00	$7,285.00	$7,285.00	$9,364.70	$9,364.70	$7,460.00	$7,460.00	$7,100.00	$7,100.00	$12,000.00	$12,000.00
78	TYPE K, COPPER WATER SERVICE LINE, 1" (SPECIAL)	2,650.0	FT	$20.00	$53,000.00	$12.00	$31,800.00	$39.00	$103,350.00	$22.00	$58,300.00	$75.00	$198,750.00	$48.00	$127,200.00	$41.50	$109,975.00	$75.00	$198,750.00
79	TYPE K, COPPER WATER SERVICE LINE, INSULATED, 1" (SPECIAL)	1,050.0	FT	$25.00	$26,250.00	$14.00	$14,700.00	$49.00	$51,450.00	$36.00	$37,800.00	$75.00	$78,750.00	$66.00	$69,300.00	$69.65	$73,132.50	$85.00	$89,250.00
80	TYPE K, COPPER WATER SERVICE LINE, 1.5" (SPECIAL)	25.0	FT	$25.00	$625.00	$40.00	$1,000.00	$83.00	$2,075.00	$30.00	$750.00	$167.00	$4,175.00	$78.00	$1,950.00	$100.00	$2,500.00	$110.00	$2,750.00
81	TYPE K, COPPER WATER SERVICE LINE, 2" (SPECIAL)	25.0	FT	$36.00	$900.00	$50.00	$1,250.00	$108.00	$2,700.00	$60.00	$1,500.00	$201.00	$5,025.00	$188.00	$4,700.00	$110.00	$2,750.00	$120.00	$3,000.00
82	WATER SERVICE, CONNECT EXISTING, COMPLETE (SPECIAL)	121.0	EA	$1,900.00	$229,900.00	$700.00	$84,700.00	$1,500.00	$181,500.00	$2,225.00	$269,225.00	$700.00	$84,700.00	$1,160.00	$140,360.00	$670.00	$81,070.00	$3,500.00	$423,500.00
83	WATER SERVICE, TAP, 1" COMPLETE (SPECIAL)	119.0	EA	$2,500.00	$297,500.00	$2,100.00	$249,900.00	$2,500.00	$297,500.00	$900.00	$107,100.00	$3,025.00	$359,975.00	$2,480.00	$295,120.00	$4,340.00	$516,460.00	$4,700.00	$559,300.00
84	WATER SERVICE, TAP 1.5" COMPLETE (SPECIAL)	1.0	EA	$3,000.00	$3,000.00	$8,000.00	$8,000.00	$3,500.00	$3,500.00	$3,200.00	$3,200.00	$3,100.00	$3,100.00	$3,160.00	$3,160.00	$4,700.00	$4,700.00	$5,800.00	$5,800.00
85	WATER SERVICE, TAP, 2" COMPLETE (SPECIAL)	1.0	EA	$3,500.00	$3,500.00	$10,000.00	$10,000.00	$4,000.00	$4,000.00	$3,500.00	$3,500.00	$3,456.00	$3,456.00	$5,890.00	$5,890.00	$6,125.00	$6,125.00	$6,600.00	$6,600.00
86	BUFFALO BOX FRAME & LID (SPECIAL)	8.0	EA	$525.00	$4,200.00	$900.00	$7,200.00	$500.00	$4,000.00	$440.00	$3,520.00	$604.00	$4,832.00	$220.00	$1,760.00	$225.00	$1,800.00	$1,400.00	$11,200.00
87	EXPLORATION EXCAVATION (SPECIAL)	2.0	EA	$800.00	$1,600.00	$3,000.00	$6,000.00	$850.00	$1,700.00	$250.00	$500.00	$1,783.00	$3,566.00	$1,490.00	$2,980.00	$775.00	$1,550.00	$4,000.00	$8,000.00
88	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	1.0	LS	$210,000.00	$210,000.00	$310,000.00	$310,000.00	$200,000.00	$200,000.00	$360,000.00	$360,000.00	$17,000.00	$17,000.00	$180,000.00	$180,000.00	$826,000.00	$826,000.00		$259,358.19
89	TEMPORARY INFORMATION SIGNING	130.0	SF	$20.00	$2,600.00	$30.00	$3,900.00	$30.00	$3,900.00	$12.00	$1,560.00	$18.00	$2,340.00	$33.00	$4,290.00	$25.00	$3,250.00	$36.00	$4,680.00
90	REMOVE BRICK PAVERS (SPECIAL)	100.0	SF	$15.00	$1,500.00	$40.00	$4,000.00	$20.00	$2,000.00	$14.00	$1,400.00	$6.55	$655.00	$24.00	$2,400.00	$15.00	$1,500.00	$25.00	$2,500.00
91	MAILBOX REMOVAL AND REINSTALLATION (SPECIAL)	101.0	EA	$300.00	$30,300.00	$10.00	$1,010.00	$300.00	$30,300.00	$650.00	$65,650.00	$327.15	$33,042.15	$320.00	$32,320.00	$250.00	$25,250.00	$200.00	$20,200.00
92	REMOVE AND REINSTALL WOOD SIGN POST	2.0	EA	$250.00	$500.00	$400.00	$800.00	$750.00	$1,500.00	$400.00	$800.00	$500.00	$1,000.00	$450.00	$900.00	$250.00	$500.00	$500.00	$1,000.00
93	LEAK DETECTION (SPECIAL)	1.0	LS	$50,000.00	$50,000.00	$6,000.00	$6,000.00	$3,400.00	$3,400.00	$9,400.00	$9,400.00	$20,000.00	$20,000.00	$12,000.00	$12,000.00	$2,000.00	$2,000.00	$8,000.00	$8,000.00
			Total Base Bid:		**$5,891,903.00**		**$5,176,727.85**		**$5,455,243.65**		**$5,775,231.45**		**$5,775,857.40**		**$6,157,980.15**		**$6,319,782.15**		**$6,368,684.51**
1	SODDING (SPECIAL)	6,250.0	SY	$13.50	$84,375.00	$25.00	$156,250.00	$20.00	$125,000.00	$21.00	$131,250.00	$29.50	$184,375.00	$20.00	$125,000.00	$18.00	$112,500.00	$13.00	$81,250.00
2	SUPPLEMENTAL WATERING	30.0	UN	$10.00	$300.00	$30.00	$900.00	$20.00	$600.00	$25.00	$750.00	$0.10	$3.00	$30.00	$900.00	$100.00	$3,000.00	$100.00	$3,000.00
3	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	6,250.0	SY	$4.00	$25,000.00	$0.01	$62.50	$10.00	$62,500.00	$9.75	$60,937.50	$5.00	$31,250.00	$4.00	$25,000.00	$3.00	$18,750.00	$6.00	$37,500.00
			Total Alternate 01:		**$109,675.00**		**$157,212.50**		**$188,100.00**		**$192,937.50**		**$215,628.00**		**$150,900.00**		**$134,250.00**		**$121,750.00**
			Total Bid:		**$6,001,578.00**		**$5,333,940.35**		**$5,643,343.65**		**$5,968,168.95**		**$5,991,485.40**		**$6,308,880.15**		**$6,454,032.15**		**$6,490,434.51**
			As-Read:												*$6,259,350.15*				