

**VILLAGE OF GLENDALE HEIGHTS
CONTRACT DOCUMENTS
FOR
ARMITAGE CREEK STREAM RESTORATION PROJECT
(REACHES 13 AND 14)
(CBBEL PROJECT NO. 040051D0212)**

Bid Opening Date:	February 10, 2026
Bid Due By:	10:00 a.m.
Bid Opening Time:	10:00 a.m.
Bid Opening Location:	Village Hall
Bid Deposit:	5% of the Amount of Bid
Performance Bond:	100% of the Amount of Bid

Obtain Information From:

Andrew Pufundt, PE
Christopher B. Burke Engineering, Ltd.
9575 West Higgins Road, Suite 600
Rosemont, IL 60018
(847) 823-0500
apufundt@cbbel.com

Submit bids to:

Office of Purchasing
Village Hall
Village of Glendale Heights
300 Civic Center Plaza
Glendale Heights, IL 60139
(630) 260-6000

MINORITY AND WOMEN OWNED BUSINESSES (MBE/WBE) ARE ENCOURAGED TO SUBMIT BIDS ON THIS PROJECT.

Note: This cover sheet is an integral part of the contract documents and is, as are all of the following documents, part of any contract executed between the Village of Glendale Heights and any successful BIDDER. Do not detach any portion of this document. Invalidation could result.

VILLAGE OF GLENDALE HEIGHTS
ARMITAGE CREEK STREAM RESTORATION PROJECT (REACHES 13 AND 14)
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**NOTICE TO BIDDERS AND INVITATION FOR BIDS
FOR THE
ARMITAGE CREEK STREAM RESTORATION PROJECT (REACHES 13 AND 14)**

**VILLAGE OF GLENDALE HEIGHTS
DUPAGE COUNTY, ILLINOIS**

RECEIPT OF BIDS

Sealed bids to complete all work required for the *Armitage Creek Stream Restoration Project (Reaches 13 and 14)* will be received by the Village of Glendale Heights, DuPage County, Illinois until *10:00 a.m.* (Central Time) on February 10, 2026. Thereafter, or as soon as thereafter practicable, all bids received will be publicly opened and the bid prices read aloud. Sealed envelopes or packages containing bids shall be addressed to the Office of Purchasing, Glendale Heights Civic Center, 300 Civic Center Plaza, Glendale Heights, Illinois 60139, and shall be marked **“Sealed Bid – Armitage Creek Stream Restoration Project (Reaches 13 and 14).”**

SCOPE OF WORK

The work in general shall consist of site clearing and grading, installation of streambank stabilization, site dewatering, by-pass pumping, storm sewer improvements, installation and maintenance of soil erosion and sediment control, seeding, landscaping, landscape restoration, natural area maintenance and monitoring, including burning, cutting, herbiciding, seeding, and annual report preparation, as further described in these contract documents for the work prepared by Christopher B. Burke Engineering, Ltd. (CBBEL).

CONTRACT DOCUMENTS

The Bidding Documents can be obtained through QuestCDN via the CBBEL website at www.cbbel.com/bidding-info or at www.questcdn.com under Login using **QuestCDN #10015122** for a \$30 nonrefundable fee. A QuestCDN login will be required for each planholder. Contact QuestCDN at 952-233-1632 or info@questcdn.com for assistance in membership registration and downloading digital product information. A hardcopy of the bidding documents is available for viewing at CBBEL's office, located at 9575 W. Higgins Road, Suite 600, Rosemont, IL 60018.

Contractors must purchase bid documents and be shown on the Bidder's Planholder List in order to bid. Bids received from contractors who are not on the Bidder's Planholder List will be rejected.

There will be a non-mandatory pre-bid meeting held at the project site on February 3, 2026 at 10:00 a.m. Attendees shall park at Nazo's Park located at the intersection of Armitage Avenue and Wayne Avenue in Glendale Heights near the west end of Reach 14. No additional compensation for mobilization, readiness to serve, or other startup costs shall be allowed.

All proposals must be submitted on the forms provided and in compliance with the Instructions to Bidders. Submission of a bid shall be conclusive assurance and warranty that the bidder has examined the plans, the site of the work and the local conditions affecting the contract and understands all of the requirements for performance of the work. The bidder will be responsible for all errors in its proposal resulting from failure or neglect to complete an in-depth examination. The Village of Glendale Heights 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. The bidder shall not take advantage of any errors or omission in the plans or proposal.

Minority and Women Owned Businesses (MBE/WBE) are encouraged to submit bids on this project.

BID SECURITY

Each bid shall be accompanied by a proposal guaranty in the form of a bid bond, executed by a corporate surety company, a bank cashier's check or a certified check payable to the Village of Glendale Heights for not less than five percent (5%) of the amount bid. The proposal guaranty checks of all, except the two lowest responsible

bidders, will be returned after the proposals have been checked and tabulated. The proposal guaranty checks of the two lowest responsible bidders will be returned after the contract and the contract bond of the successful bidder have been properly executed and approved. Bid bonds will not be returned.

RIGHT TO REJECT BIDS

The Village of Glendale Heights reserves the right to waive technicalities and to reject any and all proposals for any reason deemed in the best interest of the Village of Glendale Heights.

AWARD OF CONTRACT

Unless all bids are rejected, the contract award will be made to the lowest responsive responsible bidder. In determining who the lowest responsive responsible bidder is, the Village of Glendale Heights will consider all factors which it, in its discretion, deems relevant in determining who the lowest responsive responsible bidder is. Bidders who are awarded a contract shall be required to provide a Labor and Material Payment Bond and a Performance Bond, each in the total amount of the contract sum upon execution of the contract.

PAYMENT OF PREVAILING WAGES

The general prevailing rate of wages in DuPage County for each craft or type of worker or mechanic needed to execute the contract or perform the work, also the general prevailing rate for legal holiday and overtime work, as ascertained by the Illinois Department of Labor, shall be paid for each craft or type of worker needed to execute the contract or to perform the work.

Dated: This 19th day of January, 2026.
Village of Glendale Heights
Rebecca Giannelli, Village President

Tab 1

INSTRUCTIONS FOR BIDDERS

1. Preparation of Bids

- a) Bidders shall follow all instructions contained herein and included in the Invitation for Bids and bid forms for submission of bids on the contract item for which bids are sought.
- b) Bidders shall submit their bids in the manner required by the Invitation for Bids.
- c) The Bidder must submit its proposal on the supplied Proposal form. Unless otherwise provided, all prices shall be given in figures. Separate prices shall be entered for all pricing items indicated in the bid form. When alternate bids are sought for a particular contract item, the alternates will be identified in the bid form. A bid on every alternate is required unless otherwise specifically provided. When required by the Invitation for Bids, the bidder shall indicate a unit price for each of the separate price items called for in the bid form. The bidder may be required to show the products of the respective quantities and unit prices in a space provided for that purpose, and a gross sum shown in the place indicated in the bid form as the summation of those products. All writing shall be in a permanent, non-erasable form, except the signature of the bidder, which shall be written in permanent, non-erasable ink. Proposals shall be free of erasures or interlineations. Proposals modified by erasures or interlineations will not be considered. Partial bids will not be considered.
- d) Each bid shall be accompanied by a bid bond in the form provided by the Village of Glendale Heights with the bid form package. The bid bond shall be made and tendered by a surety acceptable to the Village of Glendale Heights in the amount stated in the Invitation for Bids. The Village of Glendale Heights will accept a bank cashier's check or a certified check in lieu of a surety bid bond.
- e) Bidders before submitting their proposal, shall carefully examine the provisions of the contract documents, inspect in detail the site of the proposed work, investigate and become familiar with all the local conditions affecting the contract and the wage rates applicable to the work, become fully informed as to the quality, quantity, cost, sources of supply, and time of delivery of the materials and equipment required and become fully acquainted with the detailed requirements of the construction.
- f) The general prevailing rate of wages in DuPage County for each craft or type of worker or mechanic needed to execute the contract or perform the work, also the general prevailing rate for legal holiday and overtime work, as ascertained by the Illinois Department of Labor shall be paid for each craft or type of worker needed to execute the contract or to perform the work.

2. Certifications

Each bid shall be accompanied by a Bidder's Certification in the form provided by the Village of Glendale Heights with the bid form package. The Bidder shall certify the following:

a) Illinois Taxes

The Bidder shall certify that if it is a partnership, that it is, and its general partners are and, if it is a corporation, its shareholders holding more than five percent (5%) of the outstanding shares of the corporation, its officers and directors are, not delinquent in the payment of taxes to the Illinois Department of Revenue in accordance with 65 ILCS 5/11-42.1-1.

b) Bid Rigging

The Bidder shall certify that, if it is a partnership, that it has, and its general partners have and, if it is a corporation, its shareholders holding more than five percent (5%) of the outstanding shares of the corporation, its

officers and directors have not been barred from contracting with a unit of state or local government as a result of a violation of Section 33E-3 or 33E-4 of the Criminal Code of 1961.

c) **Educational Loan**

The Bidder shall certify that if it is an individual, that it is, if it is a partnership, its general partners are, and, if it is a corporation, its shareholders holding more than five percent (5%) of the outstanding shares of the corporation, its officers and directors are, not in default, as defined in 5ILCS 385/2, on an educational loan, as defined in 5ILCS 385/1.

d) **Payment of Prevailing Wages**

The Bidder shall certify that it has and will comply with all laws relating to the payment of general prevailing wages in accordance with the Illinois Prevailing Wage Act (820 ILCS 130/0.01 *et seq.*).

e) **Veterans Preference Act**

The Bidder shall certify that it has and will comply with all laws relating to the employment preference to veterans in accordance with the Veterans Preference Act (330 ILCS 55/0.01 *et seq.*);

f) **Employment of Illinois Workers on Public Works Act**

The Bidder shall certify that it has and will comply with all laws relating to the employment of Illinois workers in accordance with the Employment of Illinois Workers on Public Works Act (30 ILCS 570/1 *et seq.*);

g) **Drug-free Workplace**

The Bidder shall certify that it will provide a drug-free workplace by:

(A) Publishing a statement:

- (1) Notifying employees that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance, including cannabis, is prohibited in the Bidder's workplace;
- (2) Specifying the actions that will be taken against employees for violations of such prohibition;
- (3) Notifying the employee that, as a condition of employment on such contract, the employee will:
 - a. abide by the terms of the statement; and
 - b. notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction;

(B) Establishing a drug-free awareness program to inform employees about:

- (1) the dangers of drug abuse in the workplace;
- (2) the Bidder's policy of maintaining a drug-free workplace;
- (3) any available drug counseling, rehabilitation, and employee assistance program; and
- (4) the penalties that may be imposed upon employees for drug violations;

- (C) Making it a requirement to give a copy of the statement required by subparagraph (A) to each employee engaged in the performance of the Contract and to post the statement in a prominent place in the workplace;
- (D) Notifying the Department within ten (10) days after receiving notice under subparagraph (A)(3)b from an employee or otherwise receiving actual notice of such conviction;
- (E) Imposing a sanction on or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by any employee who is so convicted, as required by 30 ILCS 580/5;
- (F) Assisting employees in selecting a course of action in the event drug counseling treatment and rehabilitation is required and indicating that a trained referral team is in place;
- (G) Making a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

h) **Human Rights Number**

The Bidder shall certify that at the time the Bidder submitted a bid on this contract, the Bidder had an Illinois Department of Human Rights pre-qualification number or had a properly completed application for same on file with the Illinois Department of Human Rights, as provided for in 44 Illinois Administrative Code 750.210.

i) **Prohibited Interest in Contract.**

The Bidder shall certify that:

- (1) no Village officer, spouse or dependent child of a Village officer, agent on behalf of any Village officer or trust in which a Village officer, the spouse or dependent child of a Village officer or a beneficiary is a holder of any interest in the Bidder, or
- (2) if the Bidder's stock is traded on a nationally recognized securities market, that no Village officer, spouse or dependent child of a Village officer, agent on behalf of any Village officer or trust in which a Village officer, the spouse or dependent child of a Village officer or a beneficiary is a holder of more than one percent (1%) of the Bidder, but if any Village officer, spouse or dependent child of a Village officer, agent on behalf of any Village officer or trust in which a Village officer, the spouse or dependent child of a Village officer or a beneficiary is a holder of less than one percent (1%) of such Bidder, the Bidder has disclosed to the Village in writing the name(s) of the holder of such interest.

j) **Gift Ban.**

- (1) The Bidder shall certify that no officer or employee of the Village has solicited any gratuity, discount, entertainment, hospitality, loan, forbearance, or other tangible or intangible item having monetary value including, but not limited to, cash, food and drink, and honoraria for speaking engagements related to or attributable to the government employment or the official position of the employee or officer from the Bidder in violation of Section 15.02 of Chapter 15 of the Glendale Heights Municipal Code; and
- (2) The Bidder shall certify that the Bidder has not given to any officer or employee of the Village any gratuity, discount, entertainment, hospitality, loan, forbearance, or other tangible or intangible item having monetary value including, but not limited to, cash, food and drink, and

honoraria for speaking engagements related to or attributable to the government employment or the official position of the employee or officer in violation of Section 15.02 of Chapter 15 of the Glendale Heights Municipal Code.

k) **Substance Abuse.**

The Bidder shall certify that in compliance with the Substance Abuse Prevention on Public Works Projects Act (Public Act 95-0635), the Bidder is a party to a collective bargaining agreement dealing with the subject matter of the Substance Abuse Prevention on Public Works Projects Act or has in place and is enforcing a written program which meets or exceeds the program requirements of the Substance Abuse Prevention on Public Works Projects Act.

l) **Presidential Executive Order 13224**

The Bidder shall certify that neither it nor any of its principals, shareholders, members, partners, or affiliates, as applicable, is a person or entity named as a Specially Designated National and Blocked Person (as defined in Presidential Executive Order 13224) and that it is not acting, directly or indirectly, for or on behalf of a Specially Designated National and Blocked Person and that the Bidder and its principals, shareholders, members, partners, or affiliates, as applicable, are not, directly or indirectly, engaged in, and are not facilitating, the transactions contemplated by this Agreement on behalf of any person or entity named as a Specially Designated National and Blocked Person.

3. Affidavit of Availability

Each bid shall be accompanied by an Affidavit of Availability in the form provided by the Village of Glendale Heights with the bid form package.

4. Experience

The Bidder shall provide the business information, information regarding terminations, litigation, suspension and debarment requested by the Village of Glendale Heights and at least four (4) references to the Village of Glendale Heights of work successfully performed, similar in nature to the proposed work, within the past three (3) years. The following shall be provided for each project.

- 1) The project owner's name.
- 2) The name, address, telephone number and e mail address of the project owner's contact person.
- 3) The services provided and the dollar value of work performed on the project.
- 4) The inclusive dates the work was performed.

5. Delivery of Bids

Bids shall be sealed and submitted in the manner specified or allowed by the Invitation for Bids. When sent by mail, the sealed bid shall be addressed to the Village of Glendale Heights at the address and in care of the Village of Glendale Heights Office of Purchasing. All bids shall be delivered and received by the Village of Glendale Heights prior to the time and at the place specified in the Invitation for Bids. The date and time of receipt will be recorded. Bids will remain sealed and will be stored in a secure place until the date and time established for bid opening. Bids received after the time specified will be returned to the bidder unopened.

6. Change or Withdrawal of Bids

A bidder may change or withdraw a bid if written or in-person notice of the change or withdrawal is received by the Village of Glendale Heights Office of Purchasing before the time specified for submission of bids. No change or withdrawal is allowed after bid opening except as provided in Section 9 below. Changes must be initialed in ink by the bidder.

7. Combination Bids for Construction Contracts

a) A combination bid is a total bid received on two or more contract items. No combination bids other than those specifically established by the Village of Glendale Heights will be considered. Separate bid forms will be issued for each contract item in the combination. Bids may be submitted on the combination as well as on the separate contract items of the combination. The Village of Glendale Heights reserves the right to make awards on combination bids or separate contract item bids.

b) If a combination bid is submitted on two or more contract items, separate bids on each individual contract shall also be submitted, and unless separate bids are so submitted, the combination bid will not be considered. If the bidder intends to submit a combination bid, the bidder shall state, in the place provided in the bid form, the amount of the combination bid for the entire combination.

c) If a combination bid is submitted on any stipulated combination, and errors are found to exist in computing the gross sum bid on any one or more of the individual bids, corrections will be made by the Village of Glendale Heights; and the amount of the combination bid will be corrected so that it will be in the same proportion to the sum of the corrected gross sum bid as the combination bid submitted was to the sum of the gross sum bid submitted.

d) The following provisions govern combination bidding:

1) When a combination bid is submitted and awarded for two or more contract items, the combination bid price will be prorated against each contract item in proportion to the bid price submitted for each individual contract item.

2) Separate contracts will be executed for each individual contract item included in the combination.

3) The completion time for all contracts awarded on a combination bid will be the latest completion time designated in any of the contracts included in the combination, unless otherwise provided in the contracts.

8. Public Opening of Bids

Bids will be opened and read publicly at the time and place specified in the Invitation for Bids. The name of each bidder and the price term of each bid will be read aloud and recorded in a tabulation of bids for each contract item advertised. After execution of the contract, the tabulation of bids in the total amount and unit price items, if applicable, of all bidders will be available for public inspection.

9. Consideration of Bids

a) After the bids are opened, read and recorded, the bids will be reviewed for responsiveness to the Invitation for Bids and conformity with all requirements prescribed in these Instructions. If unit prices are required, the bids will be compared on the basis of the summation of the products of the quantities shown in the bid schedule by the unit bid prices.

b) The right is reserved by the Village of Glendale Heights to reject any or all bids, to waive minor informalities or technicalities, to advertise for new bids, or to request confirmation or clarification from any bidder regarding information contained in a bid.

c) Reasons for rejection of all bids include but are not limited to:

- 1) The object of the contract being procured is no longer required.
- 2) The contract provisions require amendment.
- 3) The solicitation did not provide for consideration of all factors of significance to the Village of Glendale Heights.
- 4) The bid prices exceed available funds or the bid prices exceed the anticipated estimate of costs to the extent that, in the judgment of the Village of Glendale Heights Manager, prices are unreasonable.
- 5) Evidence of collusion among bidders.
- 6) Actions or events beyond the control of the Village of Glendale Heights, such as strikes, acts of God, material shortages, acts of the public enemy or litigation, would have an adverse effect on the completion of the anticipated contract.

d) Reasons for rejection of any individual bids include, but are not limited to:

- 1) More than one bid for the same contract item from a bidder under the same or different names.
- 2) Evidence of collusion among bidders.
- 3) Unbalanced bids in which the bid prices for some items are, in the judgment of the Village of Glendale Heights, out of proportion to the bid prices for other items.
- 4) If the bid does not contain a unit price for each pay item listed, except in the case of authorized alternate pay items or lump sum pay items.
- 5) If the bid form is other than that furnished or authorized by the Village of Glendale Heights, or if the form is altered or any part thereof is detached.
- 6) If there are omissions, erasures, alterations, unauthorized additions, conditional or alternate bids, or irregularities of any kind that may tend, in the judgment of the Village of Glendale Heights, to make the bid incomplete, indefinite, or ambiguous as to its meaning.
- 7) If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
- 8) If the bid is not accompanied by the proper bid bond or substitute guaranty.
- 9) If the bid is prepared in any manner other than as indicated in these Instructions or the Invitation for Bids making the bid not responsive.
- 10) If the bidder:
 - (i) violated a material term of a prior contract with the Village;

- (ii) committed an act or omission which negatively reflects on the bidder's quality, fitness, or capacity to perform a contract with the Village, any other public entity, or engaged in a pattern or practice which negatively reflects on same;
- (iii) committed an act or omission which indicates a lack of business integrity or business honesty; or
- (iv) made or submitted a false claim against the Village or any other public entity;
- (v) provided false information to the Village;
- (vi) been suspended pursuant to Sections 20-75 and 50-65 of the Illinois Procurement Code (30 ILCS 500/20-75 and 50-65) by a State of Illinois agency;
- (vii) been suspended or debarred by the United States through a federal agency;
- (viii) been suspended by the Illinois Department of Labor pursuant to Section 11a of the Prevailing Wage Act (820 ILCS 130/11a);
- (ix) been suspended or debarred because of bid rigging or bid rotating convictions pursuant to the provisions of Article 33E of the Criminal Code of 1961 (720 ILCS 5/Art. 33E);
- (x) been suspended or debarred pursuant to the provisions of the Illinois Procurement Code (30 ILCS 500);
- (xi) been suspended or debarred pursuant to the operation of Section 6 of the Drug Free Workplace Act (30 ILCS 580/6);
- (xii) has been debarred by operation of the Educational Loan Default Act (5 ILCS 385);
- (xiii) been suspended or debarred by operation of Section 25 of the Procurement of Domestic Products Act (30 ILCS 517/25);
- (xiv) has filed for protection from creditors pursuant to the bankruptcy laws of the United States;
- (xv) has a performance evaluation determined by the Village to be unsatisfactory;
- (xvi) has failed to execute a contract after award or has caused the re-advertisement of a project through mistakes or neglect in the bidding procedures;

- (xvii) has defaulted or otherwise substantially breached its obligations on previously awarded contracts or contracts approved for award by the Village;
- (xviii) has failed to submit final documentation on any open contract or to pay, or satisfactorily settle, all bills due for labor and material on previously awarded contracts; or
- (xix) has been convicted for the violation of any state or federal law having relevance to the integrity and reliability of the bidder.

10. Mistakes

a) If a bidder claims a mistake in its bid, the bid may be withdrawn in accordance with this section without payment of damages to the Village of Glendale Heights as provided in the terms of a bid bond or other bid security, provided the bidder claiming the mistake demonstrates to the Village of Glendale Heights with competent and reliable evidence:

- 1) that the claimed mistake is related to a material feature of the contract;
- 2) that the mistake would have serious, material consequences to the bidder such that enforcement of a contract would be unconscionable;
- 3) that the mistake occurred notwithstanding the exercise of reasonable care by the bidder; and
- 4) that the bidder has raised the claim of a mistake without delay in order to prevent the Village of Glendale Heights from altering its position in such a manner that loss to the Village of Glendale Heights would occur.

b) The Village of Glendale Heights reserves the right to correct obvious, apparent errors in bids. A bid may not be withdrawn if a mistake is apparent and the intended correct bid is clearly evident on the face of the bid. Examples of mistakes that may be clearly evident on the face of the bid include, but are not limited to, typographical errors, errors in extending unit prices, transposition errors and arithmetical errors.

c) Mistakes claimed after execution of the contract will not be corrected.

11. Award after Bid Evaluation

a) Unless all bids are rejected, an award notification will be made to the lowest responsible bidder whose bid is responsive to and conforms with the requirements and criteria of the invitation. Tie bids will be decided by lot. All responsibility, responsiveness, and price factors are considered so as to select the bid most advantageous to the Village of Glendale Heights. An individual contract item advertised in an Invitation for Bids may state other, additional award and evaluation criteria that will be capable of objective consideration for award.

b) Responsibility of bidders will be determined based upon the following factors unless some other or additional factors or prequalification procedures are stated in the Invitation for Bids:

- 1) The bidder shall possess the appropriate financial, material, equipment, facility and personnel resources and expertise necessary to meet all contractual obligations.

2) The bidder shall have a satisfactory record of performance as determined by the Village of Glendale Heights, including but not limited to, a sound record of integrity and business ethics.

3) The bidder shall be under no legal disability of any kind to contract with the Village of Glendale Heights.

4) The bidder shall have submitted all information requested by the Invitation for Bids concerning responsibility.

12. Time for Award

Unless the Invitation for Bids specifies a different time for bid acceptance, a notification of award will be made in writing dated within sixty (60) calendar days after the opening of bids.

13. Delay in Award

Should circumstances be encountered after the bid opening that may delay the award beyond the sixty (60) day or other advertised period, the responsive bidders may be requested to extend the bid acceptance period.

14. Binding Contract

a) Once an award has been made, the bidder is bound to perform according to the terms and conditions of the contract, the Invitation for Bids and these Instructions.

b) An approved contract executed by the Village of Glendale Heights is required before the Village of Glendale Heights is bound. An award may be canceled any time by the Village of Glendale Heights prior to execution in order to protect the public interest and integrity of the bidding process or for any other reason if, in the judgment of the Village of Glendale Heights, the best interests of the Village of Glendale Heights will be promoted.

15. Requirement of a Contract Bond

The successful bidder awarded a contract shall furnish the Village of Glendale Heights a performance and payment bond with good and sufficient sureties in the full amount of the contract as the penal sum. (*See the Public Construction Bond Act [30 ILCS 550].*) The surety shall be acceptable to the Village of Glendale Heights, shall waive notice of any changes and extensions of time, and shall submit its bond on the form furnished by the Village of Glendale Heights. Performance security for other contracts shall be as stated in the Invitation and contract.

16. Insurance Requirements

The successful bidder awarded a contract shall furnish and maintain the insurance coverage specified in the contract documents provided by insurance companies acceptable to the Village of Glendale Heights and authorized to transact business under the laws of the State of Illinois. The insurance companies providing coverage shall be rated in the Best's Key Rating Guide. The Village of Glendale Heights will accept companies with a rating not lower than B+ provided the financial size category is VII or larger. Companies rated A- or better shall have a financial size category of not less than VI. Coverage limits shall be written at not less than the minimum specified in the contract documents.

17. Execution of Contract

- a) The bid form submitted by the bidders may be in such a form that the signature of the bidder on the form is also the signature of the bidder for purposes of contract execution. In such circumstances, the Village of Glendale Heights will, after acceptance and approval of the bid for contracting purposes, execute the contract and return a copy to the bidder.
- b) If the contract as bid requires additional execution by the bidder, the contract shall be executed by the successful bidder and returned, together with any required contract bond, within 15 days after the contract has been mailed to the bidder. Failure of the successful bidder to execute the contract and file acceptable bonds within 15 days after the contract has been mailed to the bidder is cause for the cancellation of the award and the forfeiture of the proposal guaranty. If the contract is not executed by the Village of Glendale Heights within 15 days following receipt from the bidder of the properly executed contract and bond, the bidder shall have the right to withdraw the bid without penalty.

BID BOND

_____, as Principal, and
(Name of Contractor)

_____, as Surety are
(Name of Surety)

Jointly, severally and firmly bound unto the Village of Glendale Heights (the "Village") in the penal sum of five percent (5%) of the total bid price (_____) (\$_____), lawful money of the United States, well and truly to be paid unto Village of Glendale Heights, for the payment of which we bind ourselves, our heirs, executors, administrators, successors, jointly to pay to the Village this sum under the conditions of this instrument.

Principal has submitted to Village a written Proposal to enter into a written contract, for the construction of the **Armitage Creek Stream Restoration Project (Reaches 13 and 14)** in accordance with bidding documents for the Project, which contract is by reference made a part hereof and is hereinafter referred to as "the Contract".

THE CONDITION OF THIS OBLIGATION is that if Principal, upon acceptance by Village of its Proposal within the period of time specified for acceptance, shall comply with all post award requirements as required by the terms of the Proposal and Instructions to Bidders within the time specified after date of the Notice of Award and shall within the time required enter into the Contract with the Village, or in the event of the failure to comply with all post award requirements or enter into the Contract with the Village, if the Principal shall pay the Village (1) for all costs of procuring the work which exceeds the amount of its Proposal, or (2) shall pay Village the amount of this bond as liquidated damages, then this obligation shall be null and void; otherwise it shall remain in full force and effect. In the event that the Village determines that the Principal has failed to comply with all post award requirements or enter into the Contract with the Village, then the Village shall be immediately entitled to recover the full penal sum set out above, together with all court costs, all reasonable attorneys' fees and other expenses of recovery. The Surety's obligation shall not be impaired by any extensions of time for the Village's acceptance or compliance with post award requirements. The Surety hereby waives notice of such extensions.

IN TESTIMONY WHEREOF, the said Principal and the said Surety have caused this instrument to be signed by their respective officers and their corporate seals to be hereunto affixed this _____ day of _____, 2026 A.D.

PRINCIPAL

(Name of Contractor)
By: _____
(Name of Owner or Officer), (Title or Office)

SURETY

_____ By: _____
(Name of Surety) (Signature of Attorney-in-Fact)

STATE OF ILLINOIS)
) ss.
COUNTY OF _____)

I, _____, a Notary Public in and for said county, do hereby certify that
_____ of _____ and
(Name of Owner or Officer) *(Name of Contractor)*
_____ as _____ of _____
(Name of individual signing on behalf of Surety) *(Office of individual signing on behalf of Surety)* *(Name of 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, sealed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notary seal this _____ day of _____ A.D. 2026.

Notary Public

My commission expires _____, 2026.

RETURN WITH BID

**PROPOSAL FOR
ARMITAGE CREEK STREAM RESTORATION PROJECT (REACHES 13 AND 14)
VILLAGE OF GLENDALE HEIGHTS, DUPAGE COUNTY, ILLINOIS**

1. The proposal of _____
(Contractor's Name)
for the *Armitage Creek Stream Restoration Project (Reaches 13 and 14)* to be performed in compliance with the contract documents.
2. The undersigned has, before submitting this proposal, carefully examined the provisions of the contract, inspected in detail the site of the proposed work, investigated and become familiar with all the local conditions affecting the contract and is fully acquainted with the detailed requirements of the construction. By submitting this proposal the undersigned conclusively assures and warrants to the Village of Glendale Heights that the undersigned has made these examinations and that the undersigned understands all requirements for the performance of the work. If the undersigned's proposal is accepted, the undersigned agrees to be responsible for all errors in the proposal resulting from the undersigned's failure or neglect to comply with the Instructions for Bidders and agrees that the Village of Glendale Heights will, in no case, be responsible for any costs, expenses, losses, or change in anticipated profits resulting from such failure or neglect of the undersigned to make these examinations.
3. The undersigned agrees to all tree and shrub removal prior to **March 31, 2026**, substantially complete the Work **by June 30, 2026** and complete the entire contract by **December 31, 2031**, unless an extension of time is granted in accordance with the specifications. Substantial completion consists of all heavy earthmoving and finish grading activities. Landscaping activities may continue beyond this date i.e. seeding, site stabilization, planting, etc. as allowed by the Engineer, following formal request by the Contractor. All landscaping activities including establishment maintenance shall be completed through **December 31, 2026**. The 5-year Maintenance and Monitoring Period shall commence **January 1, 2027** and conclude **December 31, 2031**.
4. A proposal guaranty in the form of a bid bond, executed by a corporate surety company, a bank cashier's check or a certified check payable to the Village of Glendale Heights for not less than five percent (5%) of the amount bid accompanies this proposal.
5. If this proposal is accepted and the undersigned fails to execute the contract, it is hereby agreed that the Bid Bond or proposal guaranty check shall be forfeited to the Village of Glendale Heights.
6. An executed Contractor's Certification on the form provided herein accompanies this proposal.
7. The undersigned submits the following schedule of prices covering the work to be performed under the *Armitage Creek Stream Restoration Project (Reaches 13 and 14)* to be performed in compliance with the contract documents. The Village shall pay the Contractor for the performance of the work, at the unit prices set forth below. The undersigned Contractor declares that it understands that the quantities shown herein are approximate only and that they are subject to increase or decrease; and agrees that it will take, in full payment, the amount of the summation of the actual quantities, as finally determined, multiplied by the unit prices shown on the schedule of prices forming a part of this bid.

BID

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>PLAN</u> <u>QUANTITY</u>	<u>UNIT</u> <u>PRICE</u>	<u>TOTAL</u>
*20100500	TREE REMOVAL, ACRES	ACRE	3.5		
*20101000	TEMPORARY FENCE	FOOT	425		
*20101100	TREE TRUNK PROTECTION	EACH	20		
*20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	10		
*20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	10		
20200100	EARTH EXCAVATION	CU YD	800		
*20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (SPECIAL)	CU YD	200		
25000110	SEEDING, CLASS 1A	ACRE	1		
25100125	MULCH, METHOD 3	ACRE	3.5		
*25100630	EROSION CONTROL BLANKET	SQ YD	4840		
*25200200	SUPPLEMENTAL WATERING	UNIT	50		
28000400	PERIMETER EROSION BARRIER	FOOT	200		
*28000500	INLET AND PIPE PROTECTION	EACH	5		
28000510	INLET FILTERS	EACH	5		
28100107	STONE RIPRAP, CLASS A4	SQ YD	175		
44000600	SIDEWALK REMOVAL	SQ FT	800		
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2		
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2		
54215537	METAL END SECTIONS 6"	EACH	1		
550A0050	STORM SEWERS, CLASS A (RCP), TYPE 1 12"	FOOT	25		
550A0070	STORM SEWERS, CLASS A (RCP), TYPE 1 15"	FOOT	25		
550B0020	STORM SEWERS, CLASS B (PVC), TYPE 1 6"	FOOT	15		
55100200	STORM SEWER REMOVAL 6"	FOOT	15		
55100500	STORM SEWER REMOVAL 12"	FOOT	25		
55100700	STORM SEWER REMOVAL 15"	FOOT	25		
72000100	SIGN PANEL - TYPE 1	SQ FT	6		

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>PLAN QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
72900100	METAL POST - TYPE A	FOOT	48		
*A2002720	TREE, CARYA OVATA (SHAGBARK HICKORY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4		
*A2005120	TREE, JUGLANS NIGRA (BLACK WALNUT), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	7		
*A2005824	TREE, PLATANUS OCCIDENTALIS (AMERICAN SYCAMORE), 3" CALIPER, BALLED AND BURLAPPED	EACH	2		
*A2006220	TREE, POPULUS TREMULOIDES (QUAKING ASPEN), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	42		
*A2006420	TREE, QUERCUS ALBA (WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	11		
*A2007120	TREE, QUERCUS RUBRA (RED OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	12		
*B2000570	TREE, AMELANCHIER CANADENSIS (SHADBLOW SERVICEBERRY), 8' CLUMP, SHRUB FORM, BALLED AND BURLAPPED	EACH	25		
*B2001866	TREE, CRATAEGUS MOLLIS (DOWNY HAWTHORN), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	45		
*B2003866	TREE, MALUS IOENSIS (PRAIRIE CRABAPPLE), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	20		
*C2012472	SHRUB, VIBURNUM LENTAGO (NANNYBERRY VIBURNUM), 6' HEIGHT, BALLED AND BURLAPPED	EACH	48		
*C2015300	SHRUB, JUNIPERUS CHINENSIS KALLAY'S COMPACT (KALLAY'S COMPACT JUNIOR), CONTAINER GROWN, 3 GALLON	EACH	3		
*K1003679	MULCH	CU YD	300		
*X0323677	STREET SWEEPING	HOURL	8		
*X2110100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	40		
*X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	40		
*X2520700	SODDING, SPECIAL	SQ YD	500		
*X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	800		
*X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1		
*Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	235		
*Z0013798	CONSTRUCTION LAYOUT	L SUM	1		
*NA	AS-BUILT DRAWINGS	L SUM	1		

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>PLAN QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
*NA	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	100		
*NA	CONSTRUCTION SIGN	EACH	2		
*NA	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	2		
*NA	CLASS D PATCHES, 10-INCH, SPECIAL	SQ YD	20		
*NA	EDUCATIONAL SIGN	EACH	2		
*NA	FENCE REMOVAL	FOOT	150		
*NA	FENCE REPLACEMENT	FOOT	125		
*NA	ITEMS AS ORDERED BY ENGINEER	UNIT	30,000	\$1.00	\$30,000.00
*NA	LIGHT POLE FOUNDATION (SPECIAL)	EACH	1		
*NA	LIGHTING UNIT, COMPLETE	EACH	1		
*NA	MAINTENANCE AND MONITORING PLAN	YEAR	5		
*NA	PAVEMENT REMOVAL AND REPLACEMENT (COUNTY)	SQ YD	15		
*NA	PRESCRIBED BURN	EACH	2		
*NA	PRESEED HERBICIDE	ACRE	1		
*NA	REMOVE EXISTING FLARED END SECTIONS	EACH	2		
*NA	SEEDING, NATIVE SEEDING	ACRE	3.5		
*NA	SITE DEWATERING	CAL MO	4		
*NA	STREAMBANK STABILIZATION (COMPLETE)	L.SUM	1		
*NA	TEMPORARY CONSTRUCTION HAUL ROAD MATTING	SY	200		

TOTAL BID FOR ALL BID WORK

\$ _____

Please note that the Village will not accept any surcharges for material cost adjustments after the project is awarded.

The undersigned Contractor acknowledges receipt of the following addenda:

No. _____ Dated _____

No. _____ Dated _____

The Village of Glendale Heights reserves the right to award the contract to the lowest responsible Bidder for Bid Proposal based upon the Village's best financial interest. Providing the lowest bid on the Bid Proposal does not guarantee the Contractor will be awarded the contract.

Each Bidder must submit prices for all Bid Proposal items to be eligible for the award of the contract. Failure to do so will result in rejection of the Contractor's bid.

NOTE (required):

PLEASE FILL IN THE NAME OF THE SUPERINTENDENT (PAGE 59 & 60) FROM YOUR FIRM WHO WILL BE ONSITE AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT AND WILL BE USED TO OVERSEE CONSTRUCTION AND ALL SUBCONTRACTORS.

(If an individual):

Individual's Name

Street Address

City State Zip Code

Telephone Number

(If a partnership):

Signature of Individual Bidder

Partnership's Name

Street Address

City State Zip Code

Telephone Number

(If a corporation):

Signature of General Partner

Corporate Name

Street Address

City State Zip Code

Telephone Number

Name of President

Signature of President

Name of Secretary

Attest by Secretary:

PERFORMANCE REFERENCE FORM

Each BIDDER shall supply three (3) names, addresses, telephone numbers and names of persons to contact as performance references.

Company Name:	:	_____
Address	:	_____
City & State	:	_____
Telephone Number.....	:	_____
Person To Contact.....	:	_____
Title/Position.....	:	_____
Company Name:	:	_____
Address	:	_____
City & State	:	_____
Telephone Number.....	:	_____
Person To Contact.....	:	_____
Title/Position.....	:	_____
Company Name:	:	_____
Address	:	_____
City & State	:	_____
Telephone Number.....	:	_____
Person To Contact.....	:	_____
Title/Position.....	:	_____

COMPLIANCE WITH CONFINED SPACE ENTRY POLICY AND PROCEDURE FORM

The undersigned is an authorized representative of

Name of Company: _____,
and certifies that they will comply with all requirements of 29 CFR Part 1910 Permit Required Confined Spaces
for General Industry. Special attention is drawn to Section 1910.146(c)(9) which provides as follows:

In addition to complying with the permit space requirements that apply to all employers, each
CONTRACTOR who is retained to perform permit space entry operations shall:

- (i) Obtain any available information regarding permit space hazards and entry operations from the host employer;
- (ii) Coordinate entry operations with the host employer, when both host employer personnel and CONTRACTOR personnel will be working in or near permit spaces, as required by paragraph (d)(11) of this section; and
- (iii) Inform the host employer of the permit space program that the CONTRACTOR will follow and of any hazards confronted or created in permit spaces, either through a debriefing or during the entry operation.
- (iv) The following information will be provided by the CONTRACTOR to the VILLAGE at the pre-construction meeting:
 - (a) Copies of certifications from all staff that will be working on this project.
 - (b) List of expected equipment onsite when entering a confined space.
 - (c) Anticipated list of personnel.
 - (d) Copies of Confined Space entry permits to be provided to the ENGINEER for each day of work (for reference purposes only). The VILLAGE or ENGINEER will not be monitoring this work.

Signed: _____

Title/Position: _____

Subscribed and sworn to before me this _____ day of _____, 2026.

Notary Public

CONTRACTOR'S CERTIFICATION

The assurances hereinafter made by the Contractor are each a material representation of fact upon which reliance is placed by the Village of Glendale Heights in entering into the contract with the Contractor. The Village of Glendale Heights may terminate the contract if it is later determined that the Contractor rendered a false or erroneous assurance, and the surety providing the performance bond shall be responsible for the completion of the contract.

I, _____, hereby certify that I am the _____ of
(Name of Owner or Officer) (Title or Office)
_____, and as such, hereby represent and warrant to the Village of
(Name of Contractor)
Glendale Heights, a municipal corporation, that the Contractor and its shareholders holding more than five percent (5%) of the outstanding shares of the corporation, its officers and directors are:

- (A) not delinquent in the payment of taxes to the Illinois Department of Revenue in accordance with 65 ILCS 5/11-42.1-1;
- (B) not barred from contracting as a result of a violation of either Section 33E-3 (bid rigging) or 33E-4 (bid-rotating) of the Criminal Code of 1961 (720 ILCS 5/33E-3 and 5/33E-4);
- (C) not in default, as defined in 5ILCS 385/2, on an educational loan, as defined in 5ILCS 385/1;

In addition, the Contractor hereby represents and warrants to the Village of Glendale Heights, that:

- (A) the Contractor has and will comply with all laws relating to the payment of general prevailing wages in accordance with the Illinois Prevailing Wage Act (820 ILCS 130/0.01 *et seq.*);
- (B) the Contractor has and will comply with all laws relating to the employment preference to veterans in accordance with the Veterans Preference Act (330 ILCS 55/0.01 *et seq.*);
- (C) the Contractor has and will comply with all laws relating to the employment of Illinois workers in accordance with the Employment of Illinois Workers on Public Works Act (30 ILCS 570/1 *et seq.*);
- (D) the Contractor, pursuant to 30 ILCS 580/1 *et seq.* (Drug-Free Workplace Act), will provide a drug-free workplace by:

(1) Publishing a statement:

- a. Notifying employees that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance including cannabis, is prohibited in the Contractor's workplace;
- b. Specifying the actions that will be taken against employees for violations of such prohibition;
- c. Notifying the employee that, as a condition of employment on such Contract, the employee will;
 - i. Abide by the terms of the statement;

- ii. Notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction;
 - (2) Establishing a drug-free awareness program to inform employees about:
 - a. the dangers of drug abuse in the workplace;
 - b. the Contractor's policy of maintaining a drug-free workplace;
 - c. any available drug counseling, rehabilitation, and employee assistance program; and
 - d. the penalties that may be imposed upon employees for drug violations;
 - (3) Making it a requirement to give a copy of the statement required by Subsection (D)(1) to each employee engaged in the performance of the Contract, and to post the statement in a prominent place in the workplace;
 - (4) Notifying the Village within ten (10) days after receiving notice under paragraph(D)(1)e from an employee or otherwise receiving actual notice of such conviction;
 - (5) Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by any employee who is so convicted, as required by 30 ILCS 580/5;
 - (6) Assisting employees in selecting a course of action in the event drug counseling treatment and rehabilitation is required and indicating that a trained referral team is in place;
 - (7) Making a good faith effort to continue to maintain a drug-free workplace through implementation of this section;
- (E) the Contractor has not excluded and will not exclude from participation in, denied the benefits of, subjected to discrimination under, or denied employment to any person in connection with any activity funded under the contract on the basis of race, color, age, religion, national origin, disability, or sex;
- (F) the Contractor, at the time the Contractor submitted a bid on this contract, had an Illinois Department of Human Rights pre-qualification number or had a properly completed application for same on file with the Illinois Department of Human Rights, as provided for in 44 Illinois Administrative Code 750.210;
- (G) no Village officer, spouse or dependent child of a Village officer, agent on behalf of any Village officer or trust in which a Village officer, the spouse or dependent child of a Village officer or a beneficiary is a holder of any interest in the Contractor; or, if the Contractor's stock is traded on a nationally recognized securities market, that no Village officer, spouse or dependent child of a Village officer, agent on behalf of any Village officer or trust in which a Village officer, the spouse or dependent child of a Village officer or a beneficiary is a holder of more than one percent (1%) of the Contractor, but if any Village officer, spouse or dependent child of a Village officer, agent on behalf of any Village officer or trust in which a Village officer, the spouse or dependent child of a Village officer or a beneficiary is a holder of less than one percent (1%) of

such Contractor, the Contractor has disclosed to the Village in writing the name(s) of the holder of such interest.

- (H) no officer or employee of the Village has solicited any gratuity, discount, entertainment, hospitality, loan, forbearance, or other tangible or intangible item having monetary value including, but not limited to, cash, food and drink, and honoraria for speaking engagements related to or attributable to the government employment or the official position of the employee or officer from the Contractor in violation of Title 1, Chapter 14, Section 3 of the Village Code; and
- (I) the Contractor has not given to any officer or employee of the Village any gratuity, discount, entertainment, hospitality, loan, forbearance, or other tangible or intangible item having monetary value including, but not limited to, cash, food and drink, and honoraria for speaking engagements related to or attributable to the government employment or the official position of the employee or officer in violation of Title 1, Chapter 14, Section 3 of the Village Code.
- (J) in compliance with the Substance Abuse Prevention on Public Works Projects Act (Public Act 95-0635), the Contractor is a party to a collective bargaining agreement dealing with the subject matter of the Substance Abuse Prevention on Public Works Projects Act or has in place and is enforcing a written program which meets or exceeds the program requirements of the Substance Abuse Prevention on Public Works Projects Act.
- (K) neither it nor any of its principals, shareholders, members, partners, or affiliates, as applicable, is a person or entity named as a Specially Designated National and Blocked Person (as defined in Presidential Executive Order 13224) and that it is not acting, directly or indirectly, for or on behalf of a Specially Designated National and Blocked Person and that the Contractor and its principals, shareholders, members, partners, or affiliates, as applicable, are not, directly or indirectly, engaged in, and are not facilitating, the transactions contemplated by this Agreement on behalf of any person or entity named as a Specially Designated National and Blocked Person.

If any certification made by the Contractor or term or condition in this contract changes, the Contractor shall notify the Village of Glendale Heights in writing within seven (7) days.

Notary Public



Affidavit of Availability

For the Letting of



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					

Total Uncompleted					
-------------------	--	--	--	--	--

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts



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	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

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Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	2	3	4	Awards Pending	1
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					

Total Uncompleted					
-------------------	--	--	--	--	--

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts



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Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					

Total Uncompleted					
-------------------	--	--	--	--	--

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Affidavit of Availability

For the Letting of

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

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Landscaping						
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Demolition						
Pavement Markings (Paint)						
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Subcontract Price					
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Officer or Director

Title

Signature

Date

Company

Address

City

State

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Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts



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Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
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Type of Work					
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Subcontract Price					
Amount Uncompleted					

Total Uncompleted					
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Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

CONTRACT BOND

_____, as Principal, and
(Name of Contractor)
_____, as Surety is held
(Name of Surety)
and firmly bound unto the Village of Glendale Heights in the penal sum of
_____, (\$_____), lawful money of the United States,
well and truly to be paid unto Village of Glendale Heights, for the payment of which we bind ourselves, our heirs,
executors, administrators, successors, jointly to pay to the Village of Glendale Heights 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 Village of Glendale Heights for the performance of work on the contract for which this bond is given and 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 damage to any person, firm, company, or corporation suffered or sustained on account of the performance of such work during the time thereof and until such work is completed and accepted; and has further agreed that this bond shall inure to the benefit of any persons, 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 well and truly 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 him 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 Village of Glendale Heights and its Village council 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 to be void, otherwise to remain in full force and effect. Surety hereby waives notice of any changes in the Contract, including extensions of time for the performance thereof. Whenever Principal shall be and is declared to be in default under the Contract, Village having performed Village's obligations thereunder, Surety shall, after notice of such default, reserve all rights against all parties, take over and complete the Contract and become entitled to payment of the balance of any monies due or to become due to such defined Principal in accordance with the progress of the work. No right of actions shall accrue on this Bond to or for the use of any person or corporation other than the Village of Glendale Heights.

IN TESTIMONY WHEREOF, the said Principal and the said Surety have caused this instrument to be signed by their respective officers and their corporate seals to be hereunto affixed this _____ day of _____, 2026 A.D.

PRINCIPAL

(Name of Contractor)
By: _____
(Name of Owner or Officer), (Title or Office)

SURETY

_____ By: _____
(Name of Surety) (Signature of Attorney-in-Fact)

STATE OF ILLINOIS)
) ss.
COUNTY OF _____)

I, _____, a Notary Public in and for said county, do hereby certify that
_____ of _____ and
(Name of Owner or Officer) (Name of Contractor)
_____ as _____ of _____
(Name of individual signing on behalf of Surety) (Office of individual signing on behalf of Surety) (Name of 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, sealed and delivered said instrument as their free and voluntary act for the uses and
purposes therein set forth.

Given under my hand and notary seal this _____ day of _____ A.D. 2026.

Notary Public

My commission expires _____, 2026.

CONTRACT

This Contract is made this ____ day of _____, 2026, between the Village of Glendale Heights, the Village, and *[Name of Contractor]*, the Contractor, for the ***Armitage Creek Stream Restoration Project (Reaches 13 and 14)***.

The Contractor hereby agrees as hereinafter set forth:

1. **The Work.** For and in consideration of the payments to be made by the Village to the Contractor, and according to the terms of the Contract, the Village and the Contractor agree that the Contractor at its own proper cost and expense shall perform all of the work required for the ***Armitage Creek Stream Restoration Project (Reaches 13 and 14)***, in the Village of Glendale Heights, DuPage County, Illinois, and to furnish all materials and labor necessary to complete the Work and in full compliance with all of the terms and the requirements of this agreement in strict compliance with the contract documents, which contract documents are made an essential part of this Contract.

2. **Contract Sum.** The Village shall pay the Contractor for the performance of the work, at the unit prices set forth in the Contractor's Proposal as full compensation for furnishing all the materials, for doing all work contemplated and specified in this contract, for all loss or damage arising out of the nature of the work or from any action of the elements, or from any unforeseen difficulties which may be encountered in the prosecution of the same, for all risks of every description connected with the work, and for well and faithfully completing the work, and the whole thereof, in full compliance with the plans and contract documents, and within the time stated in the bid, hereby made a part of hereof, which time is hereby declared to be of the essence of this contract. The quantities shown in the Proposal are approximate only and that they are subject to increase or decrease. The Contractor shall receive, in full payment, the amount of the summation of the actual quantities installed, as finally determined, multiplied by the unit prices shown on the schedule of unit prices forming a part of the Contractor's Proposal.

3. **Contract Time.** The Work will commence expeditiously after the date the Village gives the Contractor written notice to proceed. The Contractor agrees to all tree and shrub removal prior to ***March 31, 2026***, substantially complete the Work ***by June 30, 2026*** and complete the entire contract by ***December 31, 2031***, unless an extension of time is granted in accordance with the specifications. Substantial completion consists of all heavy earthmoving and finish grading activities. Landscaping activities may continue beyond this date i.e. seeding, site stabilization, planting, etc. as allowed by the Engineer, following formal request by the Contractor. All landscaping activities including establishment maintenance shall be completed through ***December 31, 2026***. The 5-year Maintenance and Monitoring Period shall commence ***January 1, 2027*** and conclude ***December 31, 2031***.

4. **Payments.** The Village shall approve payment of and pay to the Contractor any and all fees, charges and amounts due to Contractor for services performed prior to the termination consistent with the requirements of the Local Government Prompt Payment Act (50 ILCS 505/4 *et seq.*). The Contractor shall comply with the requirements of the Local Government Prompt Payment Act (50 ILCS 505/4, *et seq.*).

5. **Assignment of Contract.** The Contract shall be deemed to be exclusive between Village and Contractor. This Contract shall not be assigned by the Contractor without first obtaining permission in writing from the Village. The Village may refuse to accept any substitute Contractor for any reason.

6. **Notices.** Written notices between Village and Contractor shall be deemed sufficiently given after being placed in the United States mail, registered or certified, postage pre-paid, addressed to the above parties as follows:

a. If to Village:

Village of Glendale Heights
300 Civic Center Plaza
Glendale Heights, Illinois 60139
Attn: Mr. Douglas R. Flint, Village Administrator

b. If to Contractor:

Attn: _____

c. Either party may change its mailing address by giving written notice to the other party as provided above. Whenever this contract requires one party to give the other notice, such notice shall be given only in the form and to the addresses described in this paragraph.

7. Contract Documents. This Contract consists of the following component parts, all of which are as fully a part of this contract as if herein set out verbatim, or if not attached, as if attached hereto:

- (a) Addenda, if any (none unless indicated here) _____
- (b) Notice to Bidders and Invitation for Bids
- (c) Instructions to Bidders
- (d) Proposal Bid Bond
- (e) Proposal
- (f) Contractor's Certification
- (g) Affidavit of Availability
- (h) Contract Bond
- (i) Contract
- (j) Specifications
- (k) Check Sheet for Recurring Special Provisions
- (l) Bureau of Design and Environment Special Provisions Check Sheet
- (m) Special Provisions
- (n) Exhibits
- (o) Attachments
- (p) Standard Specifications for Road and Bridge Construction adopted January 1, 2022, all of the Supplemental Specifications listed in the contract documents and those Recurring Special Provisions and Recurring Local Roads and Streets Special Provisions, adopted January 1, 2026, indicated on the Check Sheet included in the contract documents supplement the Standard Specifications for Road and Bridge Construction, the Bureau of Design and Environment (BDE) Special Provisions, indicated on the Check Sheet included in the contract documents, the Local Roads Special Provisions, LR 105, "Cooperation with Utilities"; LR 107-5 "Substance Abuse Prevention Program" and the "Manual for Materials Inspection," January 1, 2007, all issued by the State of Illinois, Department of Transportation and the "National Manual on Uniform Traffic Control Devices for Streets and Highways" (2009 Edition) supplemented by the "Illinois Supplement to the National Manual on Uniform Traffic Control Devices for Streets and Highways" (2009 Edition) issued by the Illinois Department of Transportation.

This contract represents the entire and integrated Contract between the parties and supersedes all prior negotiations, representations or understandings, whether written or oral.

Noted: Contract document (p), are separate books that will not be furnished by the Village but shall be the responsibility of the Contractor to obtain at its own expense. The documents may be obtained from the Illinois Department of Transportation. See <http://www.dot.state.il.us/dobuisns.html>

In case of conflict between the terms contained herein and those contained in the General Conditions, the terms herein shall control. This Contract may only be amended or a provision hereof waived by the parties by written instrument executed by authorized signatories of the Village and Contractor. This Contract is executed that day and year first written above.

8. Contractor Investigation. The Contractor represents that it has, before executing this Contract, carefully examined the provisions of this Contract, inspected in detail the site of the proposed Work, investigated and become familiar with all the local conditions affecting the contract and is fully acquainted with the detailed requirements of the Work. By executing this Contract the Contractor conclusively assures and warrants to the Village that it has made these examinations and that it understands all requirements for the performance of the Work. The Contractor shall be responsible for all errors resulting from its failure or neglect to comply with the provisions of the Contract and agrees that the Village will, in no case, be responsible for any costs, expenses, losses, or change in anticipated profits resulting from a failure or neglect of the Contractor to make these examinations.

Village: Village of Glendale Heights

Contractor: _____
(Name of Contractor)

By: _____
Rebecca Giannelli, Village President

By: _____
(Name of Owner or Officer), (Title or Office)

Attest:

Attest:

By: _____
Kim Darlin, Village Clerk

By: _____
(Name of Officer Attesting) (Title or Office)

SPECIFICATIONS

STANDARD SPECIFICATIONS

The “*Standard Specifications for Road and Bridge Construction*” adopted January 1, 2022, and the “*National Manual on Uniform Traffic Control Devices for Streets and Highways*” (2009 Edition) supplemented by the “*Illinois Supplement to the National Manual on Uniform Traffic Control Devices for Streets and Highways*” (2009 Edition) issued by the Illinois Department of Transportation are hereby incorporated by reference and shall apply to and govern the construction of the Village of Glendale Heights ***Armitage Creek Stream Restoration Project (Reaches 13 and 14)*** in DuPage County, Illinois.

All of the Supplemental Specifications listed herein and those Recurring Special Provisions and Recurring Local Roads and Streets Special Provisions, adopted January 1, 2026, indicated on the Check Sheet included herein supplement the *Standard Specifications for Road and Bridge Construction*, the Bureau of Design and Environment (BDE) Special Provisions, indicated on the Check Sheet included herein, the Local Roads Special Provisions, LR 105, “*Cooperation with Utilities*”; LR 107-5 “*Substance Abuse Prevention Program*” and the “*Manual for Materials Inspection*,” January 1, 2007, all issued by the State of Illinois, Department of Transportation are hereby incorporated by reference and shall apply to and govern the construction of the Village of Glendale Heights ***Armitage Creek Stream Restoration Project (Reaches 13 and 14)*** in DuPage County, Illinois.

PROJECT LOCATION

The project is located along the Reaches 13 and 14 of Armitage Creek from Glen Ellyn Road to Armitage Avenue and Armitage Avenue to the Village corporate limit, respectively. All work to be completed is located within the Village of Glendale Heights.

GENERAL PROVISIONS

The following special provisions supplement the “*Standard Specifications for Road and Bridge Construction*” adopted January 1, 2022, (hereinafter referred to as the “*Standard Specifications for Road and Bridge Construction*”) and the “*National Manual on Uniform Traffic Control Devices for Streets and Highways*” (2009 Edition) supplemented by the “*Illinois Supplement to the National Manual on Uniform Traffic Control Devices for Streets and Highways*” (2003 Edition). In case of conflict with any part, or parts, of said Specifications, the Special Provisions shall take precedence and shall govern.

DIVISION 100. GENERAL REQUIREMENTS AND COVENANTS

SECTION 1.01 DEFINITION OF TERMS

101.14 Department. *Delete Article 101.14 of the Standard Specifications for Road and Bridge Construction and substitute the following:*

101.14 Department. Unless the context indicates otherwise, Department shall mean the “Village” which shall mean the Village of Glendale Heights, Illinois.

101.16 Engineer. *Delete Article 101.16 of the Standard Specifications for Road and Bridge Construction and substitute the following:*

101.16 Engineer. Christopher B. Burke Engineering, Ltd., 9575 West Higgins Road, Suite 600, Rosemont, Illinois 60018.

101.19 Inspector. *Delete Article 101.19 of the Standard Specifications for Road and Bridge Construction and substitute the following:*

101.19 Inspector. Christopher B. Burke Engineering, Ltd., 9575 West Higgins Road, Suite 600, Rosemont, Illinois 60018, acting as the authorized representative of the Village of Glendale Heights, Illinois assigned to make inspections of any or all portions of the work or material.

101.34 Resident Engineer/Resident Technician. *Delete Article 101.34 of the Standard Specifications for Road and Bridge Construction and substitute the following:*

101.34 Resident Engineer/Resident Technician Christopher B. Burke Engineering, Ltd., 9575 West Higgins Road, Suite 600, Rosemont, Illinois 60018, acting as the authorized representative of the Village of Glendale Heights, Illinois in immediate charge of the engineering details of the project.

101.44 State. *Delete Article 101.44 of the Standard Specifications for Road and Bridge Construction and substitute the following:*

101.44 State. The Village of Glendale Heights, Illinois.

SECTION 102. ADVERTISEMENT, BIDDING, AWARD AND CONTRACT EXECUTION

102.01 Procedures to be in Accordance with Rules. *Delete Article 102.01 of the Standard Specifications for Road and Bridge Construction and substitute the following:*

102.01 Procedures to be in Accordance with the Instructions for Bidders. The procedures for the advertisement, bidding, award and contract execution shall be in accordance with the Instructions for

Bidders. The Notice to Contractors and Invitation for Bids contains additional requirements. Bidders and the Contractor shall comply with all procedures published in the Instructions for Bidders and the Notice to Contractors and Invitation for Bids.

SECTION 104. SCOPE OF WORK

104.01 Intent of the Contract. *Add the following to Article 104.01 of the Standard Specifications for Road and Bridge Construction:*

104.01.01 The work for this project shall consist of one contract for all materials, equipment, labor, tools, and necessary apparatus required and all collateral work needed to complete the project as specified herein. In general, the work shall consist of site clearing, streambank stabilization, site dewatering, by-pass pumping, storm sewer improvements, soil erosion and sediment control, seeding, decorative landscaping and landscape restoration all as further described in the contract documents for the said work prepared by Christopher B. Burke Engineering, Ltd. (CBBEL). It is the Contractor's responsibility to verify the existing conditions.

104.02 Alterations, Cancellations, Extensions, Deductions and Extra Work. *Add the following to Article 104.02 of the Standard Specifications for Road and Bridge Construction:*

104.01.02 All changes in work shall be executed under the conditions of the original Contract, except that any claims for extension of time caused thereby shall be adjusted at the time of the change is ordered. An extension of time shall be the Contractor's sole remedy for any delay caused by changes in the work unless such delay has been caused by acts constituting intentional interference by the Village with the Contractor's performance of the work; however, the Village's exercise of its rights to make changes in the work pursuant to the contract documents, regardless of the extent or number of such changes, or the Village's exercise of any of its remedies to suspend the work or require correction of defective work, shall not under any circumstances be construed as intentional interference with the Contractor's performance of the work. Except for minor changes in the work for which the Engineer gives oral direction, or in an emergency endangering life or property, no extra work or change in the work shall be made except upon the written order of the Engineer, and no claim for an addition to the Contract Sum shall be valid unless so ordered. No course of conduct or dealings between the parties, no express or implied acceptance of alterations or additions to the work, and no claim that the Village has been unjustly enriched by any alteration or addition to the work, shall be the basis of any claim to an increase in any amounts due under the contract or a change in any time period provided for in the contract documents.

The value of any such change in the work shall be determined according to Article 109.04. The Contractor shall proceed with the work under the order of the Engineer. Pending final determination of the value of any change in work, partial progress payments on account of changes ordered by the Engineer shall be based on the Engineer's estimate. Prior to final payment, the Engineer shall certify the amount due to the Contractor, including reasonable allowances for overhead and profit.

SECTION 105. CONTROL OF WORK

105.01 Authority of the Engineer. *Add the following to Article 105.01 of the Standard Specifications for Road and Bridge Construction:*

105.01.01 The Engineer, with the approval of the Village Administrator, may order extra work or make changes by altering, adding to, or deducting from the work, at the Engineer's initiation or upon the request of the Contractor. Authority to authorize work or approve changes which do not increase the amount payable to the Contractor or which increase the amount payable to the Contractor by not more than \$20,000.00 may be exercised by a written change order of the Village Administrator. Authority to

increase the amount payable to the Contractor in all other instances or to extend the Contract time may only be exercised by written change order signed by the Village President and authorized by a due and proper vote of the Village Board of Trustees.

SECTION 106. CONTROL OF MATERIALS

106.03 Samples, Tests, and Cited specifications. *Add the following to Article 106.03 of the Standard Specifications for Road and Bridge Construction:*

106.03.01 It shall be the responsibility of the Contractor to furnish verification of compliance with contract requirements for all materials. The Village shall perform material testing to verify compliance. The Village reserves the right to withhold payments due to the Contractor until all testing and certification requirements are met.

SECTION 107. LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC

107.01 Laws to be Observed. *Add the following to Article 107.01 of the Standard Specifications for Road and Bridge Construction:*

107.01.01 Sexual Harassment Policy. The Contractor shall have in place and shall enforce a written sexual harassment policy in compliance with 775 ILCS 5/2-105(A)(4).

107.01.02 Eligibility for Employment in the United States. The Contractor shall complete and keep on file, as appropriate, the Immigration and Naturalization Service Employment Eligibility Form (I-9). This form shall be used by the Contractor to verify that persons employed by the Contractor are eligible to work in the United States.

107.01.03 Civil Rights. The Contractor shall comply with the Civil Rights Act of 1964, as amended, and Title 49, Code of Federal Regulations, part 21.

107.01.04 Foreign Corporation. Foreign (non-Illinois) corporations shall procure from the Illinois Secretary of State a certificate of authority to transact business in Illinois in accordance with 805 ILCS 5/13.

107.01.05 Confidentiality of Information. Any documents, data, records, or other information relating to the project and all information secured by the Contractor from the Village in connection with the performance of services, unless in the public domain, shall be kept confidential by the Contractor and shall not be made available to third parties without written consent of the Village, unless so required by court order.

107.26 Indemnification. *Delete the first paragraph of Article 107.26 of the Standard Specifications for Road and Bridge Construction and substitute the following:*

107.26 Indemnification. To the fullest extent permitted by law, the Contractor shall be responsible for any and all injuries to persons or damages to property due to the negligent or willful act or omission of the Contractor arising or in consequence of the performance of the Work by the Contractor. The Contractor hereby agrees to defend, indemnify and hold harmless the Village, its officials, agents and employees, against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in any way accrue against the Village, its officials, agents and employees, due to the negligent or willful act or omission of the Contractor arising in or in consequence of the performance of this work by the Contractor. The Contractor shall, at its own expense, appear, defend and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connection

therewith; and, if any judgment shall be rendered against the Village, its officials, agents and employees, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same.

Notwithstanding any of the foregoing, nothing contained in this paragraph shall require the Contractor to indemnify the Village, its officials, agents and employees for their own negligent acts or omissions.

107.27 Insurance. *Add the following to Article 107.27 of the Standard Specifications for Road and Bridge Construction:*

107.27.01 Minimum Scope of Insurance.

Coverage shall be at least as broad as:

- A. Insurance Services Office Commercial General Liability occurrence form CG 0001 with the member named as additional insured, on a form at least as broad as the attached sample endorsement including ISO Additional Insured Endorsement CG 2010 (Exhibit A) Pre-2004 version, CG 2026 (Exhibit B) Pre-2004 version.
- B. Insurance Service Office Business Auto Liability coverage form number CA 0001, Symbol 01 "Any Auto."
- C. Workers' Compensation as required by the Workers' Compensation Act of the State of Illinois and Employers' Liability insurance.

107.27.02 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 respects the Village, its officials, agents, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigation, claim administration and defense expenses.

107.27.03 Other Insurance Provisions.

The policies are to contain, or be endorsed to contain, the following provisions:

107.27.03.01 General Liability and Automobile Liability Coverages.

- A. The Village, Christopher B. Burke Engineering, Ltd., Illinois Environmental Protection Agency, Belmont Fuels LLC, and the County of DuPage, its officials, agents, employees and volunteers are to be covered as additional insureds as respects: liability arising out of the Contractor's work, including activities performed by or on behalf of the Contractor; or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the Village, its officials, agents, employees and volunteers.
- B. The Contractor's insurance coverage shall be primary as respects the member, its officials, agents, employees and volunteers. Any insurance or self-insurance maintained by the member, its officials, agents, employees and volunteers shall be in excess of Contractor's insurance and shall not contribute with it.
- C. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Village, its officials, agents, employees and volunteers.

- D. The Contractor's insurance shall contain a Severability of Interests/Cross Liability clause or language stating that Contractor'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.
- E. If any commercial general liability insurance is being provided under an excess or umbrella liability policy that does not "follow form," then the Contractor shall be required to name the Village, Christopher B. Burke Engineering, Ltd., Illinois Environmental Protection Agency, Belmont Fuels LLC, and the County of DuPage, its officials, agents, employees and volunteers as additional insureds.
- F. All general liability coverages shall be provided on an occurrence policy form. Claims-made general liability policies will not be accepted.
- G. Insurance certificates from the Contractor and all subcontractors shall be on file with the Village and shall be reviewed and approved prior to starting any work. No Contractor or subcontractor will be permitted to work without having an approved insurance certificate on file with the Village.

107.27.03.02 Workers' Compensation and Employers' Liability Coverage.

- A. The insurer shall agree to waive all rights of subrogation against the Village, its officials, agents, employees and volunteers for losses arising from work performed by Contractor.

107.27.04 Verification of Coverage.

The Contractor shall furnish the Village with certificates of insurance naming the Village, Christopher B. Burke Engineering, Ltd., Illinois Environmental Protection Agency, Belmont Fuels LLC, and the County of DuPage, its officials, agents, employees and volunteers as additional insureds (Exhibit D), and with original endorsements affecting coverage required by this clause. 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 may be on forms provided by the Village and are to be received and approved by the member before any work commences. The attached Additional Insured Endorsement (Exhibit E) shall be provided to the insurer for its use in providing coverage to the additional insured. Other additional insured endorsements may be utilized, if they provide a scope of coverage at least as broad as the coverage stated on the attached endorsement (Exhibit E), such as ISO Additional Insured Endorsements CG 2010 (Exhibit A) or CG 2026 (Exhibit B). The Village reserves the right to request full certified copies of the insurance policies and endorsements.

107.27.05 Subcontractors.

The Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.

107.27.06 Assumption of Liability.

The Contractor assumes liability for all injury to or death of any person or persons including employees of the contractor, any sub-contractor, 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 this agreement.

107.28 Contractor Safety Responsibility. *Add the following to Article 107.28 of the Standard Specifications for Road and Bridge Construction:*

107.28.01 Public Safety and Convenience. During its operations, the Contractor shall keep the site of the work and adjacent premises as free from material, debris, excessive dust, and rubbish as practical, and shall remove the same entirely and at once if, in the opinion of the Engineer, such material, debris, excessive dust, or rubbish constitutes a nuisance, a safety hazard, or is objectionable in any way to the public.

The Contractor shall be liable for damages to property, real or personal, which may arise from its operations under this contract. All existing structures in the vicinity of the work shall be protected against damage during performance of the work.

The Contractor, prior to the end of a day's work, shall fill all trenches, remove all excess dirt from the street, and clean the work area to the satisfaction of the Engineer. No barricades shall remain blocking the street unless approved by the Engineer.

All loss/damage claims to property as a result of the Contractor's work shall be reviewed by the Contractor and/or its insurance carrier within 30 days after the Contractor receives the claim. If the claim is denied in whole or part, the Contractor, or its insurance carrier must notify the property owner and the Village of the reasons for denial within 30 days of receipt of the claim. If there are special circumstances which require more than 30 days to process a claim, the property owner and the Village must be sent a notice within the 30 day period explaining why more time is needed. In all circumstances, however, failure on the part of the Contractor or the Contractor's insurance carrier to process a claim within 90 days of notification, will result in the Village determining the Contractor responsible for the claim and the Village shall, if need be, reimburse the property owner(s) for the claimed losses out of the Contractor's final payout.

Before the final acceptance of the work, the Contractor shall remove all temporary work, equipment, unused and useless materials, rubbish and debris, and shall leave the work site in a neat and presentable condition wherever his operations have disturbed conditions which existed at the time the work began. The cost of this clean-up shall be incidental to the contract.

107.31 Contractor's Responsibility for Utility Property and Services. *Add the following to Article 107.31 of the Standard Specifications for Road and Bridge Construction:*

107.31.01 Utilities. Prior to starting construction, the Contractor shall request all public or private agencies to establish the location of their underground utilities within the site of work. Call J.U.L.I.E., 811 or 1-800-892-0123, two (2) working days (min.) in advance of any excavation. The Contractor will not be permitted to work without proper J.U.L.I.E. clearances. The Contractor is cautioned that the Village of Glendale Heights does not locate storm or sanitary sewer mains or services. The Village may mark sewer mains by specific request.

The Contractor shall make such exploration as is necessary to determine the exact location of all underground utilities, and shall exercise sufficient care to protect such utilities during the progress of work. If it becomes necessary to relocate any underground utilities which are subject to franchise or permit granted by the Village, it shall be the responsibility of the utility company to make such relocation. It is the Contractor's responsibility to properly notify each utility agency in sufficient time so as to avoid interference with the progress of the work. No additional compensation shall be made to the contractor for down time for relocating or protecting any utility.

Utility services will be removed or relocated as required by the utility company in accordance with Article 105.07. The Contractor shall maintain utility services to any existing buildings in a manner as approved by the Engineer. Such services shall include all water lines, sanitary sewers, and storm sewers. If necessary, the Contractor shall construct and maintain flumes and bypasses as required at all relocated or replaced sanitary and storm sewers to maintain flow of such lines. Flumes and bypasses shall be designed with sufficient capacity to carry the maximum flow without restricting the flow in the existing sanitary and storm sewer. Plans and procedures shall be submitted to the Engineer for review before proceeding with the work.

107.35 Construction Noise Restrictions. *Add the following to Article 107.35 of the Standard Specifications for Road and Bridge Construction:*

107.35.01 All engines and engine driven equipment used for hauling or construction shall be equipped with an adequate muffler in constant operation and properly maintained to prevent excessive or unusual noise.

SECTION 108. PROSECUTION AND PROGRESS

108.06 Labor, Methods, and Equipment. *Add the following to Article 108.06 of the Standard Specifications for Road and Bridge Construction:*

108.06.01 Overtime Work. Except in connection with the safety or protection of persons, or the work, or property at the site or adjacent thereto, all work at the site shall be performed during regular working hours; and the Contractor will not permit overtime work or the performance of work on Saturday, Sunday or any legal holiday without the Engineer's written consent given after prior written notice. The erection (including excavation), demolition, alteration or repair of any building other than between the hours of 7:00 a.m. and 9:00 p.m. Monday through Friday or between the hours of 9:00 a.m. and 6:00 p.m. on Saturdays and Sundays is prohibited, except in case of urgent necessity in the interest of public health and safety, and then only with a permit from the Village's Community Development Department, which permit may be granted for a period not to exceed three days or less while the emergency continues and which permit may be renewed for periods of three days or less while the emergency continues. If the Village's Community Development Department should determine that the public health and safety will not be impaired by the erection, demolition, alteration or repair of any building or the excavation of streets and highways within the hours of 6:00 p.m. and 7:00 a.m., and if he shall further determine that loss or inconvenience would result to any party in interest, he may grant permission for such work to be done within the hours of 6:00 p.m. and 7:00 a.m., upon application being made at the time the permit for the work is awarded or during the progress of the work. Any deviation from these work hours requires approval from the Village.

108.06.02 Steel Procurement. The steel products, as defined in section 3 of the Steel Products Procurement Act (30 ILCS 565/3) used or supplied in the performance of this Contract or any subcontract shall be manufactured or produced in the United States unless the director of the Village certifies in writing that (a) the specified products are not manufactured or produced in the United States in sufficient quantities to meet the Village's requirements or cannot be manufactured or produced in the United States within the necessary time in sufficient quantities to meet the agency's requirements, or (b) obtaining the specified products, manufactured or produced in the United States would increase the cost of the Contract by more than 10%, or the application of the Steel Products Procurement Act (30 ILCS 565/1 *et seq.*) is not in the public interest.

108.06.03 Wages of Employees on Public Works. All wages paid by the Contractor and each subcontractor shall be in compliance with the Prevailing Wage Act (820 ILCS 130), as amended, except where a prevailing wage violates a federal law, order, or ruling, the rate conforming to the federal law, order, or ruling shall govern. The Contractor shall be responsible to notify each subcontractor of the wage

rates set forth in this contract and any revisions thereto. If the Illinois Department of Labor revises the wage rates, the revised rate as provided by the Village shall apply to this contract and the Contractor will not be allowed additional compensation on account of said revisions.

The Contractor and each subcontractor shall make and keep, for a period of not less than 3 years, records of all laborers, mechanics, and other workers employed by them on the project; the records shall include each worker's name, address, telephone number when available, social security number, classification or classifications, the hourly wages paid in each period, the number of hours worked each day, and the starting and ending times of work each day.

The Contractor and each subcontractor shall submit monthly, in person, by mail, or electronically a certified payroll to the public body in charge of the project, except that the full social security number and home address shall not be included on the certified payroll. Instead, the certified payrolls shall include an identification number of each employee (e.g. the last four digits of the employee's social security number). The certified payroll shall consist of a complete copy of the records. The certified payroll shall be accompanied by a statement signed by the contractor or subcontractor which avers that:

- (i) such records are true and accurate;
- (ii) the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required; and
- (iii) the contractor or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class B misdemeanor.

Upon two business days' notice, the contractor and each subcontractor shall make available for inspection the records to the public body in charge of the project, its officers and agents, and to the Director of Labor and his deputies and agents at all reasonable hours at a location within this State. The Contractor and each subcontractor shall permit his/her employees to be interviewed on the job, during working hours, by compliance investigators of the Village or the Illinois Department of Labor.

SECTION 109. MEASUREMENT AND PAYMENT

109.02 Scope of Payment. *Add the following to Article 109.02 of the Standard Specifications for Road and Bridge Construction:*

109.02.01 Taxes. The Village of Glendale Heights is a unit of local government and is exempt from the payment of Retailers' Occupation Tax, the Service Occupation Tax (both state and local), the Use Tax and the Service Use Tax in Illinois. No amount will be paid to the Contractor for the payment of these taxes.

109.02.02 Payment Withheld. The Village may withhold, or on account of subsequently discovered evidence, nullify the whole or part of any payment to such extent as may be necessary to protect itself from loss on account of:

1. Defective work not remedied.
2. Claims filed or reasonable evidence indicating probable filing of claims.
3. Failure of the Contractor to submit or properly complete the required documentation to support the payment.
4. Failure of the Contractor to make payments properly to subcontractors or for materials or labor.
5. Damage to other contractors' tools, materials, work or equipment.

When the above grounds are removed, payment shall be made for amounts withheld because of them.

109.07 Partial Payments and Retainage. *Add the following to Article 109.07 of the Standard Specifications for Road and Bridge Construction:*

109.07.01 Progress Payments. Partial funding for this project will be from a DuPage County and the Illinois Environmental Protection Agency (319 Grant). The Contractor shall submit a maximum of four (4) pay requests for work completed during Substantial Completion. Contractor shall submit a request for payment not less than fourteen (14) days before the first or third Monday of the month. Upon receipt of a request for payment from the Contractor, the Engineer shall make a written estimate of the amount of work performed in accordance with Article 109.07 (a). Upon approval of the amount by the Engineer, the Village shall inform the Contractor of the approved amount for which the necessary waivers of lien should be made. The Village will deduct from the amount so determined for the first fifty percent (50%) of the completed work a sum of ten percent (10%) to be retained until after the completion of the entire work to the satisfaction of the Engineer. After fifty percent (50%) or more of the work is completed, the Engineer may, at the Engineer's discretion, certify the remaining partial payments without any further retention, provided that satisfactory progress is being made, and provided that the amount retained is not less than five percent (5%) of the total adjusted contract price. When the principal items of the work have been satisfactorily completed, a semi-final estimate may be made with the consent of the surety. Payment to the Contractor under such an estimate shall not exceed ninety percent (90%) of the amount retained after making partial payments, but in no event shall the amount retained after making the semi-final payment be less than one percent (1%) of the adjusted contract price, nor less than \$500.00.

The Contractor is responsible for submitting all pay requests information, and certified payroll reports to the Engineer. Pay requests are the sole responsibility of the Contractor. The Engineer will not initiate any pay request or provide data to the Contractor to present the pay request. The Engineer will review all submitted documentation prior to making a recommendation to the Village for payment. Any deficiency in the pay request submittal noted during the Engineer's or Village Attorney's review will be returned to the Contractor. The Contractor has one opportunity to correct the deficiencies prior to potentially being assessed a liquidated damage. If the deficiencies are not corrected with the first re-submittal then the pay request will not be presented to the Village until the deficiencies are corrected.

Should the Contractor fail to correct any deficiencies from their first re-submittal, the Contractor shall be liable and shall pay to the Village the sum of \$500, not as a penalty but as liquidated damages. The liquidated damages for failure to correct any deficiencies from their first re-submittal are to account for the cost of labor for administration, engineering, and supervision to review additional pay requests. The costs of labor represented by the liquidated damage amount are understood to be a fair and reasonable estimate of the costs that will be borne by the Village during the pay request review period by the CONTRACTOR. The Village will deduct these liquidated damages from any monies due or to become due to the CONTRACTOR from the Village.

Also, 50% of the value of the landscaping cost will be held in retainage until after the first spring following the project's completion date and any landscaping showing signs of failure at this time should be removed and replaced by the Contractor at no cost to the Village.

109.07.02 Progress Payments Documentation. The Contractor shall supply and each Engineer's estimate shall be accompanied by the following, all in form and substance satisfactory to the Village:

(A) a duly executed and acknowledged sworn statement showing all Subcontractors with whom the Contractor has entered into subcontracts, the amount of each such subcontract, the amount requested for any Subcontractor in the requested progress payment and the amount to be paid to the Contractor from

such progress payment, together with similar sworn statements from all Subcontractors and, where appropriate, from sub-Subcontractors;

(B) duly executed unconditional waivers of mechanics' and materialmen's liens of the money due or to become due herein, establishing payment to the Subcontractor or material supplier of all such obligations to cover the full amount of the Engineer's estimate from each and every Subcontractor and suppliers of material or labor to release the Village of any claim to a mechanic's lien, which they or any of them may have under the mechanic's lien laws of Illinois. Any payments made by the Village without requiring strict compliance to the terms of this paragraph shall not be construed as a waiver by the Village of the right to insist upon strict compliance with the terms of this approach as a condition of later payments. The Contractor shall indemnify and save the Village harmless from all claims of Subcontractors, laborers, workmen, mechanics, material men and furnishers of machinery and parts thereof, equipment, tools and all supplies incurred in the furtherance of the performance of the Work;

(C) sworn statements or lien waivers supporting the Engineer's estimates submitted late by the Contractor to the Engineer will result in the Engineer's estimate not being processed until the following month.

(D) The waiver(s) of lien shall include the amount paid to any subcontractors, suppliers, and their respective supporting waivers of lien shall be submitted to the Village prior to approval of payment. Supporting waivers of lien from subcontractors and suppliers shall be prepared on double-faced forms, one side entitled "Waiver of Lien" and the other side "Contractor's Affidavit". Each side shall be fully completed. The Contractor's Affidavit shall show names of all suppliers and subcontractors providing materials and services for the Contractor. **Partial waivers shall be on Form F1722 Chicago Title Insurance Company, revised 5/92.**

(E) updated certified payroll reports. Failure to submit updated certified payroll reports will result in the return of the pay request.

109.08 Acceptance and Final Payment. *Add the following to Article 109.08 of the Standard Specifications for Road and Bridge Construction:*

109.08.1 Final Payment. Final payment will be made sixty (60) days after the work is fully completed and the contract fully performed.

A request for final payment shall be accompanied by the documentation outlined in Article 109.07. **Final waivers shall be on Form F3870 Chicago Title Insurance Company, revised 5/92.**

Quantities for this contract shall be subject to the contract unit price applied to final measured quantities.

Neither the final payment nor any part of the retained percentage shall become due until the Contractor, if required, has delivered to the Village a complete release of all liens arising out of this contract and, if required, an affidavit that so far as the Contractor has knowledge and information, the releases include all labor and material for which a lien could be filed; provided that if any subcontractor refuses to furnish a release in full, the Contractor may furnish a bond satisfactory to the Village, to indemnify it against any lien.

If any liens remain unsatisfied after all payments are made, the Contractor shall refund to the Village all monies that the Village may be compelled to pay in discharging such a lien, including all costs and reasonable attorneys' fees.

All warranties and guarantees required under the contract documents shall be assembled and delivered to the Village by the Contractor as part of the final application for payment, and the Contractor shall assign

to the Village any and all manufacturer's warranties relating to materials and labor used in the work. Final payment will not be made by the Village until all warranties and guarantees have been received and assigned.

109.09 Contract Claims. *Revise the second sentence of subparagraph (a) of Article 109.09 of the Standard Specifications for Road and Bridge Construction to read:*

"All claims shall be submitted to the Engineer."

Revise subparagraph (e) of Article 109.09 of the Standard Specifications for Road and Bridge Construction to read:

"Procedure. All Claims shall be submitted to the Engineer. The Engineer shall consider all information submitted with the claim. Claims not conforming to this Article will be returned without consideration. The Engineer may schedule a claim presentation meeting if, in the Engineer's judgment, such a meeting would aid in resolution of the claim; otherwise, a decision will be based on the claim documentation submitted. A final decision will be rendered within 90 days of receipt of the claim.

Full compliance by the Contractor with the provisions specified in this Article is a contractual condition precedent to the Contractor's right to seek relief in the Circuit Court of the Eighteenth Judicial Circuit. The Engineer's written decision shall be the final administrative action of the Village. Unless the Contractor files a claim for adjudication by the Circuit Court of the Eighteenth Judicial Circuit within 60 days after the date of the written decision, the failure to file shall constitute a release and waiver of the claim."

109.11 Contractor Record Retention. *Add the following to Article 109.11 of the Standard Specifications for Road and Bridge Construction:*

109.11.01 The Contractor shall maintain all books and records relating to the performance of the Work under the Contract and all subcontractors shall maintain books and records relating to their performance of work under their subcontract. The books and records shall be maintained by the Contractor and subcontractors in compliance with the requirements of the Local Records Act (50 ILCS 205/1 et seq.) and the Freedom of Information Act (5 ILCS 140/1 et seq.) until written approval for the disposal of such records is obtained from the Local Records Commission has been obtained. All books and records required to be maintained by the Contractor and subcontractor shall be available for review and audit by the Department. The Contractor and subcontractor shall cooperate fully with the Department (a) with any request for public records made pursuant to the Freedom of Information Act (5 ILCS 140/1 et seq.), (b) with any request for public records made pursuant to any audit and (c) by providing full access to and copying of all relevant books and records within a time period which allows the Department to timely comply with the time limits imposed by the Freedom of Information Act (5 ILCS 140/1 et seq.). Failure by the Contractor or subcontractor to maintain the books, records and supporting documents required by this Article or the failure by the Contractor or subcontractor to provide full access to and copying of all relevant books and records within a time period which allows the Department to timely comply with the time limits imposed by the Freedom of Information Act (5 ILCS 140/1 et seq.) shall establish a presumption in favor of the Department for the recovery of any funds paid by the Department under the Contract for which adequate books and records are not available or for the recovery for any penalties or attorneys fees imposed by the Freedom of Information Act (5 ILCS 140/1 et seq.). The Contractor shall include the requirements of this Article in all Subcontracts. The obligations imposed by this Article shall survive final payment and the termination of the other obligations imposed by the Contract.

EXHIBIT A

CG 20 10 03 97

**ADDITIONAL INSURED B OWNERS, LESSEES OR
CONTRACTORS B SCHEDULE PERSON OR ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

Who Is An Insured (Section II) is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of your ongoing operations performed for that insured.

Copyright, Insurance Services Office, Ins. 1996

EXHIBIT B

CG 20 26 11 85

ADDITIONAL INSURED B DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

Who Is An Insured (Section II) is amended to include as an insured the person or organization shown in the Schedule as an insured but only with respect to liability arising out of your operations or premises owned by or rented to you.

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EXHIBIT C

POLICY NUMBER: COMMERCIAL GENERAL LIABILITY CG 20 37 07 04

THIS ENDORSEMENT CHANGES THE POLICY, PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED B OWNERS, LESSEES OR
CONTRACTORS B COMPLETED OPERATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Additional Insured Person(s) Or Organization(s):	Location and Description of Completed Operations
Information required to complete this Section, if not shown above, will be shown in the Declarations.	

Section II B Who is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for @bodily injury@ or @property damage@ caused, in whole or in part, by @your work@ at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the @products@completed operations hazard@.

CG 20 37 07 04

8 ISO Properties, Inc., 2004

EXHIBIT D (EXAMPLE)

ACORD™ CERTIFICATE OF LIABILITY INSURANCE						DATE (MM/DD/YYYY) Completed	
PRODUCER				THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.			
Fully Completed				INSURERS AFFORDING COVERAGE		NAIC #	
INSURED				INSURER A: Name of Insurance Company		Completed	
				INSURER B: Name of Insurance Company		Completed	
				INSURER C: Name of Insurance Company		Completed	
				INSURER D: Name of Insurance Company		Completed	
COVERAGES Fully Completed							
THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.							
INSR LTR	ADD=L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXP.IDATE (MM/DD/YY)	LIMITS	
A	X	GENERAL LIABILITY CG001 G COMMERCIAL GENERAL LIABILITY G CLAIMS MADE G OWNERS & CONT PROT ((If REQUIRED) G _____ GEN=L AGGREGATE LIMIT APPLIER PER: G POLICY GPROJECT G LOC	Policy Number	Policy Start Date	Policy End Date	EACH OCCURRENCE	\$ 1,000,000
						DAMAGE TO RENTED PREMISES (Ea. Occur.)	\$ 50,000
						MED EXP (Any one person)	\$ 5,000
						PERSONAL & ADV INJURY	\$ 1,000,000
						GENERAL AGGREGATE	\$ 2,000,000
						PRODUCTS-COMP/OP AGG	\$ 1,000,000
A		AUTOMOBILE LIABILITY CA001 G ANY AUTO CA001 G ALL OWNED AUTOS G SCHEDULED AUTOS G HIRED AUTOS G NON-OWNED AUTOS G _____	Policy Number	Policy Start Date	Policy End Date	COMBINED SINGLE LIMIT (Ea. Accident)	\$ 1,000,000
						BODILY INJURY (PER PERSON)	\$
						BODILY INJURY (PER ACCIDENT)	\$
						PROPERTY DAMAGE (PER ACCIDENT)	\$
		GARAGE LIABILITY G ANY AUTO				AUTO ONLY-EA ACCIDENT	\$
						OTHER THAN EA ACC	\$
						AUTO ONLY: AGG	\$
B	X	EXCESS UMBRELLA LIABILITY G OCCUR G DEDUCTIBLE G RETENTION \$	Policy Number	Policy Start Date	Policy End Date	EACH OCCURRENCE	\$10,000,000
						AGGREGATE	\$10,000,000
C		WORKERS COMPENSATION AND EMPLOYERS= LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? NO If yes, describe under SPECIAL PROVISIONS below	Policy Number	Policy Start Date	Policy End Date	WC STATU- _ OTHER TORY LIMITS	
						E.L. EACH ACCIDENT	\$1,000,000
						E.L. DISEASE-EA EMPLOYEE	\$1,000,000
						E.L. DIESEASE-POLICY LIMIT	\$1,000,000
	OTHER	Policy Professionio Number		Policy Start Date	Policy End Date		
DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS List project number, location and description. No endorsements or additional forms modify or limit coverage provided to additional insured. Coverage provided to the additional insured is primary.							
CERTIFICATE HOLDER				CANCELLATION			
Additional Insured: Village of Glendale Heights, its officials, employees, agents and volunteers.				SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT,			
				SIGNATURE OF AUTHORIZED AGENT			

EXHIBIT E

ADDITIONAL INSURED ENDORSEMENT

Name of Insurer:

Name of Insured:

Policy Number:

Policy Period:

Endorsement. Effective Date:

This endorsement modifies coverage provided under the following:

Commercial General Liability
Coverage Part

Name of Individuals or Organization:

WHO IS AN INSURED section of the policy / coverage document is amended to include as an insured, the individuals or organization shown above, but only with respect to liability Aarising out of your work@.

For purposes of this endorsement, Aarising out of your work@ shall mean:

- A. Liability the Additional Insured may incur resulting from the actions of a contractor it hires.
- B. Liability the Additional Insured may incur for negligence in the supervision of the Named Insured Contractors work.
- C. Liability the Additional Insured may incur for failure to maintain safe worksite conditions.
- D. Liability the Additional Insured may incur due to joint negligence of the Named Insured Contractor and the Additional Insured.

EXHIBIT F

INSTRUCTIONS FOR CERTIFIED PAYROLL FORM

***PLEASE NOTE: THE SUBMISSION OF FALSIFIED PAYROLL
RECORDS IS A CRIMINAL OFFENSE.***

1. For all public works projects, Payroll Certifications and Accompanying Affidavit must be filed with the Village of Glendale Heights on a monthly basis under the Illinois Prevailing Wage Act (820 ILCS 130/5).
2. The information must be provided for **each payroll period**. Please note the starting and ending dates of each payroll period in the space provided.
3. If you are a contractor or subcontractor working for the Village of Glendale Heights on more than one project, please fill out a form for each project.
4. For each project you worked on for the Village of Glendale Heights, you must identify the names of employees that worked on the project and their classifications. You must record the number of hours they worked each day of the pay period, along with the total hourly wages paid during that pay period, including the hourly fringe benefits paid.
5. Please note that pertinent information is required on the second sheet. The Subcontractor information, if applicable, is very important; however, it is **ABSOLUTELY IMPERATIVE** that the **AFFIDAVIT** information be completed in its **ENTIRETY** including **SIGNATURE**. If additional forms are needed and copies are made, please be sure to also duplicate the second sheet. A second sheet **MUST** accompany every certified transcript of payroll form showing that you are swearing that the information on each sheet is accurate.
6. Fringe Benefits **MUST** be paid if required for the work classification, regardless of your union or non-union status.
7. If a fringe benefit is paid into a fund, place the letter "**F**" behind the rate; if the benefit is included on the employee's payroll check, place the letter "**E**" behind the rate; credit will be given for health insurance paid, payments made into an ERISA approved pension plan, required vacation and/or training (registration in a BAT-approved program).
8. The items requested under the heading, "Contract Information," help to correctly identify the project. If a Contract or Project Number is not known, please do your best to secure the information. The information requested for "Project" and "Project Location" should **always** be completed.
9. You are invited to visit Illinois Department of Labor's web site at www.state.il.us/agency/ido for more detailed information regarding application of the Prevailing Wage Act.

AFFIDAVIT

Monthly Statement of Compliance

Date: _____

I, _____ (name
signatory party), _____ (title),

do hereby state: that I pay or supervise the payment

of the persons employed on the public works project

_____ (name

of project); that during the payroll period commencing

on the _____ day of _____, _____ (year), and

ending on the _____ day of _____, _____ (year),

all persons employed on said project have been

paid the full wages earned, that no rebates

have been or will be made either directly or indirectly

to or on behalf of said _____

(name of contractor or subcontractor) from the full
wages earned by any person, and that no

deductions have been made either directly or

indirectly from the full wages earned by any

persons, other than permissible deductions as
defined by Federal and/or State law. I further certify

that this payroll is correct and complete; that the wage

rates contained therein are not less than the actual

rates herein stated and that the classification set forth

for each laborers or mechanic conform to the work

Signature: _____

SUBCONTRACTORS

**Attach explanation of monies paid, copy of contract
or billing, or other pertinent information.**

Company Name:

Contact Person:

Address:

City, State, Zip:

Telephone Number:

Company Name:

Contact Person:

Address:

City, State, Zip:

Telephone Number:

Company Name:

Contact Person:

Address:

City, State, Zip:

Telephone Number:

Company Name:

Contact Person:

Address:

City, State, Zip:

Telephone Number:

Certified Transcript of Payroll

**** Please Note: The submission of falsified payroll records is a criminal offense. ****

Contractor and/or Subcontractor	Contract Information	
Contact Person: _____ Company Name: _____ Address: _____ City, State, Zip: _____ Telephone: _____	Contract Number: _____ Project Number: _____ Project: _____ Project Location: _____	Pay Period Starting Date _____ Pay Period Ending Date _____ Submitted to City _____

Report Hours for Each Day, Including Overtime Hours. List Hourly Prevailing Wage Rate and Hourly Fringe Benefits Allotments.

[illegible]

SPECIAL PROVISIONS

PROJECT FUNDING

The Village received a Water Quality Grant through DuPage County and a 319 Grant through the Illinois Environmental Protection Agency (IEPA) to assist with project implementation. The Contractor shall be responsible for complying with all grant guidelines and submittal requirements.

QUALIFICATIONS

The Bidder must submit Qualifications and Certifications at the time of bid submission. The Contract will not be awarded until the Qualifications and Certifications evidence submitted by the Bidder is approved. The evidence will be approved if sufficient information is provided to meet the requirements. If the Qualifications and Certifications requirements are not approved because the evidence is deficient in a technical matter, unless waived by the VILLAGE, the Bidder will be notified and will be allowed no more than a five (5) working day period in order to cure the deficiency.

Restoration Contractor or Subcontractor. To qualify as a responsible bidder for the project, a CONTRACTOR (OR PROPOSED SUBCONTRACTOR) must meet the minimum experience requirement specified herein.

It is the intent of the VILLAGE to award a contract only to a CONTRACTOR who furnishes satisfactory evidence that it has the requisite experience, ability, equipment, staffing, and sufficient capital and facilities to perform the work successfully and within the time specified in the contract documents. The CONTRACTOR must provide written documentation to demonstrate the following qualifications:

- A. Qualified CONTRACTORS/SUBCONTRACTORS must demonstrate prior experience working in natural areas with sensitive resources, specifically plant installation projects within wetland systems.
- B. Qualified CONTRACTORS/SUBCONTRACTORS shall demonstrate that their company has not defaulted on any wetland plant installation performance standard within the past five years.
- C. Qualified CONTRACTOR/SUBCONTRACTORS must have completed 5 prescribed burns consisting of at least fifteen contiguous acres consisting of prairie, woodland, and wetland ecosystems in close proximity to infrastructure. Project experience shall be within the last five years.

PROJECT SCHEDULE AND COMPLETION DATE

The anticipated construction start date is March 1, 2026. The Contractor agrees to complete all tree and shrub removal prior to **March 31, 2026**, substantially complete the Work **by June 30, 2026** and complete the entire contract by **December 31, 2031** including punch list items.

If awarded, the CONTRACTOR will be required to provide Progress Schedules to the ENGINEER and VILLAGE for approval. See PROGRESS SCHEDULES provision included herein. The Contractor shall notify the VILLAGE if they anticipate performing winter work, and shall detail the staging if work needs to be abandon due to weather. Contractor will be responsible for any costs

associated with stabilizing (hydromulch or erosion control blanket) the ground during extended delays.

MAINTENANCE AND MONITORING PERIOD

Following Substantial Completion, the CONTRACTOR will enter the 5-Year Maintenance and Monitoring Period. Year 1 will be 2027 and Year 5 will be 2031.

Throughout the five (5) year management and maintenance period (January 2027 through December 2031), routine herbiciding, mowing, and if necessary prescribed burn management will be completed to reduce the presence of non-native and weedy species while promoting the establishment of native dominated plant communities. Complete prescribed burns in accordance the Conservation Management Guidelines for the Rusty Patched Bumble Bee.

The expectation is that the site will exceed the performance standards and specifications of the “Armitage Creek Reaches 13 and 14 Restoration Project”.

STORM WATER POLLUTION PREVENTION

The Contractor shall be responsible for installing inlet filters prior to construction at all existing inlets, catch basins, and manholes that have open frames within the project limits. If the Engineer identifies any drainage structures without an inlet filter, they shall notify the Contractor to correct the deficiency within 48 hours. Should the Contractor fail to correct any deficiencies within the provided time frame, the Contractor shall pay to the Village a sum of \$50 per instance per day not as a penalty but as liquidated damages.

VILLAGE BUSINESS LICENSES AND CERTIFICATES OF INSURANCE

The awarded CONTRACTOR, including all SUBCONTRACTORS, are required to secure or verify an active business license with the Village through the Community Development Department located at 300 Civic Center Plaza, Glendale Heights, IL. The CONTRACTOR and any SUBCONTRACTORS will not be permitted to perform any work onsite until the ENGINEER has received a copy of the active business license(s). In addition, the CONTRACTOR, and all SUBCONTRACTORS, are required to provide a certificate of insurance meeting the contract provisions. A copy of the insurance certificate(s) shall be on file with the Village prior to the CONTRACTOR or any SUBCONTRACTOR performing work.

It is the CONTRACTOR’s responsibility to notify all SUBCONTRACTORS of this requirement.

PERMITS

It is the CONTRACTOR’s responsibility to secure permits from all parties involved in order to perform the contract work. Any delays in the issuing of these permits are the CONTRACTOR’s responsibility and the Village will not pay any costs incurred by the CONTRACTOR due to delays in starting the project or any parts of the project.

Glen Ellyn Road is DuPage County right-of-way and the Contractor will be required to secure a Highway Permit Bond with DuPage County for all work located within their right-of-way. The value of the bond required is **\$21,989.00**. All costs to furnish and secure this Highway Permit Bond shall be included in the total cost of the contract.

A copy of the DuPage County Certification, Army Corps, and Kane-DuPage Soil and Water Conservation District approvals have been provided. CONTRACTOR will be required to adhere to all provisions.

TRUCK ROUTE

Access to and from the Project Site shall be from Glen Ellyn Road (only) for Reach 13 and from Glen Ellyn Road to Armitage Avenue for Reach 14. This includes all construction vehicles, workers, and material deliveries. No construction vehicles will be permitted on any other locally owned roadway.

OVERWEIGHT AND OVERSIZED VEHICLES

The CONTRACTOR shall be cognizant of the Village's Code 7-4-6: OVERWEIGHT AND/OR OVERDIMENSION VEHICLES, Code 7-4-7: PERMITS FOR OVERWEIGHT AND/OR OVERDIMENSION VEHICLES, and Code 7-4-8: VEHICLES PROHIBITED ON CERTAIN STREETS. Any overweight and/or overdimension vehicles must be registered through OxCart (www.oxcartpermits.com). The driver will be notified of the proper route to take to make the delivery, pickup, or provide service. Please note the CONTRACTOR will be responsible for any fees associated with securing this OxCart permit. Additional information regarding permit requirements can be found through the Village's webpage (<https://glendaleheights.org/police/oversizepermit.asp>).

CONSTRUCTION NOTICES

It shall be the CONTRACTOR's responsibility to produce and distribute all construction notifications. This work will not be measured for payment but shall be included in the total contract cost. The construction notices shall be reviewed and approved by the ENGINEER prior to being distributed. Notices shall be issued at the following stages:

<u>Activity</u>	<u>Notice Period Required</u>
1. Prior to beginning construction.	1 week prior to starting work
2. Prior to accessing the site via private property	2 consecutive days prior
3. Prior to controlled burns	As directed by the Engineer

The CONTRACTOR will also be responsible for distributing and/or redistributing notices in case of any delays due to inclement weather or for any other reason for extended stoppages (i.e. strikes) in the construction schedule. If there is a stoppage of work that exceeds 10 calendar days then the CONTRACTOR must re-issue notices.

Notices shall be considered distributed when all affected residents have received notices as well as a copy delivered and/or emailed to Public Works. The copy to Public Works shall be delivered the same day it is distributed to the residents.

Should the CONTRACTOR fail to distribute or post notices per the request of the VILLAGE, the CONTRACTOR shall pay to the VILLAGE the sum of \$250 per incident, not as a penalty but as liquidated damages.

Additionally, the CONTRACTOR shall provide notification to the adjacent residences for any work that is to be completed past 5:00 p.m. Failure to notify the resident may make the CONTRACTOR subject to a \$250 per incident liquidated damage.

PROJECT CLOSEOUT

It shall also be understood and agreed that time is of the essence in closing out the contract. Once the ENGINEER has submitted final quantities to the CONTRACTOR for review, the CONTRACTOR has thirty (30) calendar days from the date of transmittal to agree to quantities. If the CONTRACTOR does not agree to the ENGINEER's quantities then proper documentation (calculations and measurements) must be returned to the ENGINEER for consideration (within the 30 calendar days). Should the CONTRACTOR fail to agree to quantities or provide documentation of quantity discrepancies, the CONTRACTOR shall pay to the VILLAGE the sum of \$250 per calendar day, not as a penalty but as liquidated damages. These damages will be assessed continuously from the time of the expiration of the thirty (30) calendar day time limit until such time as all final quantities have been agreed to and to the satisfaction of the ENGINEER.

SPECIFICATIONS LIMITING CBBEL's LIABILITY

Subsurface Exploration Data

Limited investigation of subsurface conditions at the proposed site of Work has been made for the purpose of design. The Village of Glendale Heights, Testing Service Corporation, and Christopher B. Burke Engineering, Ltd. assume no responsibility whatsoever with respect to the sufficiency or accuracy of these preliminary investigations, nor their interpretation, and there is no guarantee, either expressed or implied that conditions indicated are representative of those existing throughout the Work or any part of it, or that unforeseen developments may occur.

Site Investigation and Conditions Affecting the Work

The BIDDER acknowledges that, prior to submission of its bid, it has taken steps necessary to ascertain the nature and location of the Work, and that it has investigated, confirmed, verified as correct and satisfied itself as to the general and local conditions which can affect the Work or its costs, including but not limited to (1) location and load capacity of existing roadways, utilities, corresponding pavement, shoulders, curb and gutter, sanitary sewer, storm sewers, and water main, bearing upon transportation, disposal, handling and storage of materials; (2) the availability of labor, water, electric power and roads; (3) uncertainties of weather, river stages, tides, or similar physical conditions at the site; (4) the conformation and conditions of the ground and existing detention ponds; (5) the character of equipment and facilities needed prior to and during work performance; (6) subsurface conditions at the site of Work; (7) the quantities and qualities of all materials, equipment, and labor set forth in Bid Proposal, plans and drawings and specifications that are necessary to complete all of the Work as required under the Contract Documents; and (8) the location, condition, compatibility, configuration of all existing utilities and infrastructure. The BIDDER also acknowledges that it has verified as correct, confirmed and satisfied itself as to the character, quality and quantity of surface and subsurface materials, obstacles or conditions to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, including all exploratory work done, if any, as well as from the drawings, plans and specifications made a part of the bidding documents. The BIDDER further acknowledges that it has reviewed, investigated, confirmed, verified as correct and satisfied itself as to the geotechnical report. Any failure of the BIDDER to take the actions described and acknowledged in this paragraph will not relieve the BIDDER from responsibility for estimating properly the difficulty and cost of successfully performing the Work, or for proceeding to successfully perform the Work without additional expense to the OWNER. Christopher B. Burke Engineering, Ltd. and OWNER assume no responsibility for any conclusions or interpretations made by the BIDDER based on information made available by Christopher B. Burke Engineering, Ltd. or the OWNER of the project. Nor do the OWNER or Christopher B. Burke Engineering, Ltd. assume responsibility for any understanding reached or representation made concerning conditions which can affect the Work by any of its officers or agents before the acceptance of the bid offer and execution of the contract, unless that understanding or representation is expressly stated in this contract.

IEPA CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD)

All removal or excavation items being disposed of at an uncontaminated soil fill operation or Clean Construction and Demolition Debris (CCDD) fill site shall meet the requirements of Public Act 96-1416. All costs associated with meeting these requirements shall be included in the unit price cost for the associated removal or excavation items in the contract. These costs shall include but are not limited to all required testing, lab analysis, certification by a licensed professional engineer, and State and local tipping fees.

The CONTRACTOR is required to submit copies of all dump debris tickets to the ENGINEER.

A copy of the LPC-663 Sampling and Analysis Report, prepared by Testing Service Corporation, will be provided to the awarded Contractor.

PAY REQUESTS

The CONTRACTOR shall submit an updated construction schedule and updated certified payroll reports with each pay request. Failure to complete the updated schedule and updated certified payroll reports will result in the return of the pay request.

Partial funding for this project will be from a DuPage County Water Quality Grant and a 319 Grant through the Illinois Environmental Protection Agency (IEPA). The Contractor shall submit a maximum of four (4) pay requests for work completed during Substantial Completion phase.

Waivers included with each pay application shall be submitted on the specified form otherwise they will be returned:

Partial waivers shall be on Form F1722 Chicago Title Insurance Company, revised 5/92.
Final waivers shall be on Form F3870 Chicago Title Insurance Company, revised 5/92.

Contractor is to be reminded that this is a Public Project.

Also, 50% of the value of the sodding/landscaping cost will be held in retainage until after the first spring following the project's completion date and any sodding/landscaping showing signs of failure at this time should be removed and replaced by the CONTRACTOR at no cost to the Village.

SUPERINTENDENT

The CONTRACTOR shall have on the site at all times, as the CONTRACTOR's agent, a competent English speaking superintendent capable of reading and thoroughly understanding the plans and specifications and thoroughly experienced in the type of work being performed, who shall receive instructions from the Engineer or authorized representatives. The superintendent shall be responsible for checking his/her email on a daily basis and shall have a phone, provided by the CONTRACTOR, which can receive/send text messages. The superintendent shall have full authority to execute orders or directions of the Engineer without delay, and to promptly supply such materials, equipment, tools, labor, and incidentals as may be required. Such superintendent shall be furnished irrespective of the amount of work sublet. The CONTRACTOR shall be charged \$1000 each working day that the

superintendent is not present when work is being performed by the CONTRACTOR, a SUB-CONTRACTOR, or a SUB-SUB-CONTRACTOR.

NAME OF SUPERINTENDENT:

(Name)

(Position)

(Email)

(24-Hour Phone Number)

An Operator will not be acceptable to fulfill this role. Without formal notification to the Village the superintendent may not be changed once they have been introduced at the pre-construction meeting.

FAILURE TO COMPLETE THE WORK ON TIME

Delete Article 108.09 of the STANDARD SPECIFICATIONS and substitute with the following:

Time is of the essence to the contract. Should the CONTRACTOR fail to complete the work on or before the completion date or interim completion dates stipulated in the contract or within such extended time as may have been allowed, the CONTRACTOR shall be liable and shall pay to the Village the sum of \$2,000 per calendar day, not as a penalty but as liquidated damages, for each day of overrun in the contract time or such extended time as may have been allowed. Should the CONTRACTOR fail to complete the work on or before the interim allowable working days, the CONTRACTOR shall be liable and pay to the Village the sum of \$500 per calendar day, not as a penalty but as liquidated damages, for each day of overrun. The liquidated damages for failure to complete the contract on time are approximate, due to the impracticality of calculating and proving actual delay costs. The liquidated damage amount establishes the cost of delay to account for administration, engineering, inspection, and supervision during periods of extended and delayed performance. The costs of delay represented by the liquidated damage amount are understood to be a fair and reasonable estimate of the costs that will be borne by the Village during extended and delayed performance by the CONTRACTOR for the work, remaining incidental work, correction of work improperly completed, or repair of work damaged as a result of the CONTRACTOR. The liquidated damage amount specified will accrue and be assessed until final completion of the total physical work of the contract even though the work may be substantially complete. The Village will deduct these liquidated damages from any monies due or to become due to the CONTRACTOR from the Village.

NEW FRAME AND GRATES

All new frames and grates shall include "Dump No Waste! / Drains To Waterways" raised lettering and fish (Trout) image on the curb back or on the grate itself.

MATERIAL

The CONTRACTOR shall provide the necessary documentation to show that all steel for the project shall be manufactured in the U.S.A. and be less than one year old.

VANDALISM

Special attention is called to Article 107.30 of the STANDARD SPECIFICATIONS. Any defaced work shall be corrected or replaced by the CONTRACTOR at his sole expense prior to final payment. The VILLAGE shall cooperate with the CONTRACTOR to minimize vandalism, but the CONTRACTOR shall be ultimately responsible to correct any damage.

PRIVATE WATER USE

The use of water from a private residence, without the express permission of the owner of the residence is prohibited. If the CONTRACTOR uses water from a private residence, without the

expressed permission of the owner of the residence, the CONTRACTOR shall be subject to prosecution for theft.

MAINTENANCE OF ROADWAYS

Beginning on the date that the CONTRACTOR begins work on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the VILLAGE, but shall not include snow removal operations. Traffic control and protection for this work will be provided by the CONTRACTOR as required by the VILLAGE.

The work involved in maintaining the existing pavement will be paid for separately at the contract unit prices for the various items of work involved, unless otherwise specified elsewhere in these Special Provisions. Traffic control and protection will be paid for as stated in the contract. No construction activity shall begin until all proper signs and barricades have been installed. There shall be no equipment or material storage on the pavement, temporary or otherwise.

No garbage shall be disposed of by the CONTRACTOR on the project site. Should the Contractor dispose of garbage on the project site, the Contractor shall be liable and shall pay to the Village the sum of \$500 per calendar day per occurrence, not as a penalty but as liquidated damages, for each day that the Contractor has disposed of garbage on the project site. The liquidated damages for disposing of garbage on the project site are approximate, due to the impracticality of calculating and proving actual costs. The liquidated damage amount establishes the cost to account for increased administration, engineering, liability, emergency response, inspection, and supervision during periods of time in which garbage is disposed on the project site. The costs represented by the liquidated damage amount are understood to be a fair and reasonable estimate of the costs that will be borne by the Village dealing with the disposal of garbage on the project site. The Village will deduct these liquidated damages from any monies due or to become due to the Contractor from the Village.

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 Village, will be paid for in accordance with Article 109.4 of the STANDARD SPECIFICATIONS.

PUBLIC CONVENIENCE AND SAFETY

In addition to the requirements of Article 107.09 of the STANDARD SPECIFICATIONS, the CONTRACTOR shall maintain entrances and side roads along the proposed improvement; interference with traffic movements and inconvenience to owners of abutting property and public shall be kept to a minimum. Any delays or inconveniences caused the CONTRACTOR by complying with these requirements shall be considered as incidental to the contract, and no additional compensation will be allowed.

The CONTRACTOR is to plan his work so that there will be no open holes in the pavement and that all barricades will be removed from the pavement during non-work hours.

During all construction operations, the CONTRACTOR will be required to provide, erect and maintain proper signage and barricades plus provide flagmen as necessary for safe traffic control.

All provisions relating to traffic control, signage, barricades and the use of flagmen shall be subject to the approval of the VILLAGE.

The CONTRACTOR will not be allowed to close any street to through travel without the prior approval of the VILLAGE. The CONTRACTOR will be required to provide all warning signs, barricades, traffic cones, flagmen and other appurtenances to guarantee the safety of motorists and pedestrians during construction. This work will not be paid for separately but shall be considered as incidental to the Contract and no extra compensation will be allowed.

TRAFFIC CONTROL PLAN

Traffic Control shall be in accordance with the applicable sections of the Standard Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highways Standards contained in the plans, and the Special Provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specification 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.

The Contractor shall contact the VILLAGE at least 72 hours in advance of beginning work.

STANDARDS: 701006, 701101, 701801, 701901

DETAILS: Traffic Control and Protection for Side Roads, Intersections, and Driveways (TC-10)

SPECIAL PROVISIONS: Maintenance of Roadways, Work Zone Traffic Control Surveillance, and Flaggers in Work Zones.

Furnishing, installing, relocating and removing all temporary construction and work zone signage shown on the plans shall be included in the cost of TRAFFIC CONTROL AND PROTECTION (SPECIAL).

Basis of Payment. This work shall be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION (SPECIAL).

EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION

Revise Article 105.03(a) of the Standard Specification to read:

“(a) National Pollutant Discharge Elimination System (NPDES) / Erosion and Sediment Control Deficiency Deduction.

When the ENGINEER is notified or determines an erosion and/or sediment control deficiency(s) exists, or the CONTRACTOR’s activities represent a violation of the VILLAGE’s NPDES permits, the ENGINEER will notify and direct the CONTRACTOR to correct the deficiency within a specified time. The specified time, which begins upon notification to the CONTRACTOR, will be from ½ hour to 1 week based on the urgency of the situation and the nature of the work effort required. The ENGINEER will be the sole judge.

A deficiency may be any lack of repair, maintenance, completion of weekly inspection reports or implementation of erosion and/or sediment control devices included in the contract, or any failure to comply with the conditions of the VILLAGE’s NPDES permits. A deficiency may also be applied to situations where corrective action is not an option such as the failure to participate in a jobsite inspection of the project, failure to install required measures prior to initiating earth moving operations, disregard of concrete washout requirements, or other disregard of the NPDES permit.

The CONTRACTOR shall complete the weekly inspection reports provided in the Storm Water Pollution Prevention Plan (SWPPP) and submit them to the ENGINEER and the VILLAGE on a weekly basis and after every rain event for approval. Failure to complete this form shall be considered a deficiency.

If the CONTRACTOR fails to correct a deficiency within the specified time, a daily monetary deduction will be imposed for each calendar day or fraction thereof the deficiency exists. The calendar day(s) will begin with notification to the CONTRACTOR and end with the ENGINEER’s acceptance of the correction. The daily monetary deduction will be \$500. For those deficiencies where corrective action was not an option, the monetary deduction will be immediate and will be valued at one calendar day.”

MATERIAL AND EQUIPMENT STORAGE

The project site has limited access and boundary constraints, all of which the Contractor accepts full responsibility. Any staging area(s) for materials, equipment, or other which are required by the Contractor shall be the responsibility of the Contractor. No equipment or materials shall be stored within the floodway/floodplain. If necessary, the Contractor shall enter into a separate contract with a private property owner which is outside the scope of this contract.

TREE REMOVAL, ACRES

Description. This work shall consist of tree removal in accordance with Sections 201, 212 and 250 of the "Standard Specifications for Road and Bridge Construction", the Village of Glendale Heights Urban Forestry Plan (revised 2013), and ANSI Z133.1. No burning of brush piles will be permitting on-site. All brush generated from this work shall be hauled off-site and properly disposed of.

All tree removal shall be done by qualified, approved personnel, experienced in horticulture practices and operations. Qualifications being a Certified Arborist must be submitted to the ENGINEER prior to performing all tree removal.

Ash trees removed due to emerald ash borer (EAB) shall only be disposed of at approved sites. Contractor shall be responsible for providing the Village with manifests and certifications for the sites where these trees are disposed of.

Prior to tree removal, the CONTRACTOR shall walk the site with the Village Arborist and ENGINEER to verify removal limits and note any trees worth saving.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per acre for TREE REMOVAL, ACRES which shall include all material, equipment and labor to complete the work.

TEMPORARY FENCE

Description. This work shall consist of providing temporary fence at locations shown on the plan in accordance with Section 201 of the "Standard Specifications for Road and Bridge Construction".

The temporary fence shall be a 6'-high chain link fence. The fence shall be used to protect and restrict access within the project site. The ENGINEER may provide direction that additional temporary fencing is required. The fence shall be properly secured to avoid damages due to the fence falling over. The CONTRACTOR will be responsible for all damages as a result of the fence falling over.

If a gate with a lock is installed to restrict access at any or all of the sites, the CONTRACTOR shall provide one set of keys to the VILLAGE in the event of an emergency.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per foot for TEMPORARY FENCE, which shall include delivery, installation, landscape restoration, and material, equipment and labor to complete the work.

TREE TRUNK PROTECTION

Description. Tree Trunk Protection shall be in accordance with the detail in the plans, applicable portions of Section 201 of the "Standard Specifications for Road and Bridge Construction", and in accordance with the Village of Glendale Heights Urban Forestry Plan (revised 2013).

At locations shown on the plans or as directed by the ENGINEER or Director of Urban Forestry, the CONTRACTOR shall provide temporary fencing around each trunk to adequately prevent scarring and other damage to trees. The temporary fence shall be installed a minimum of one (1) foot outside of the drip line of the tree. The fence posts shall be either steel or wooden posts, as approved by the ENGINEER. The fence shall be minimum of forty (40) inches high.

Temporary fence that is damaged or knocked over during construction shall be immediately replaced to the satisfaction of the Engineer.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per each for TREE TRUNK PROTECTION which shall include all material, equipment and labor to install, remove, and maintain the tree trunk protection as described herein.

TREE PRUNING

Description. The work shall consist of pruning tree limbs in accordance with Section 201 of the "Standard Specifications for Road and Bridge Construction" and the Village of Glendale Heights Urban Forestry Plan (revised 2013), ANSI A300, ANSI Z133.1, and ISA Best Management Practices – Tree Pruning.

All tree pruning shall be done by qualified, approved personnel, experienced in horticulture practices and operations. Qualifications must be submitted to the ENGINEER prior to performing all tree root pruning.

Where the root zones of existing trees are anticipated to be affected by construction in the form of root loss or compaction, tops of affected trees will be selectively thinned to remove an amount of crown proportional to root loss. Tops must be pruned within (1) week following root damage. Total crown reduction shall not exceed 40%.

Prior to tree pruning, the CONTRACTOR shall walk the site with the Village Arborist and ENGINEER to identify saved trees that should be pruned. Where necessary and per the direction of the Village Arborist, existing trees will be raised to allow equipment clearances. No top pruning will take place without permission from the Village Arborist.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per each for TREE PRUNING which shall include all material, equipment and labor to complete the work.

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (SPECIAL)

Description. Removal and Disposal of Unsuitable Material shall be in accordance with the applicable portions of Sections 202 and 203 of the "Standard Specifications for Road and Bridge Construction".

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (SPECIAL) has been included in the contract with a nominal quantity for miscellaneous debris encountered during the excavation of the streambanks. Items may include but are not limited to tires, wood debris, concrete, and miscellaneous metals. This material shall be hauled away and properly disposed of. This item shall also include excavated material that does not meet the requirement for disposal at a Clean Construction Demolition Debris (CCDD) fill site. Any costs for offsite dumping and associated testing (beyond what is included in environmental reports will not be paid for).

It shall be noted that the intent of the project is to re-use on-site as much of the material as possible that does not meet the requirements for CCDD disposal. Any double handling of material to keep it onsite will not be paid for.

All trucks used to haul material removed from Armitage Creek shall be equipped with tailgate locks and tailgate seals (sludge locks) to prevent material spillage or leakage. Contractor will be responsible for immediate cleanup of any material that is spilled or leaked on the property and pavement adjacent to the project site.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per cubic yard for REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (SPECIAL) which shall include all material, equipment and labor to excavate, handle, and properly dispose of the material as described herein.

EROSION CONTROL BLANKET

Description. This work shall consist of furnishing all labor, materials, tools and equipment necessary to place erosion control blanket on all seeded and re-graded areas outside of the channel or as directed by the ENGINEER.

Materials shall meet the requirements of Section 251.02 of the Standard Specifications except that all erosion control blanket shall be biodegradable within 2 years. Erosion Control Blanket shall consist of a straw matrix sewn with one-sided netting. The straw matrix shall be 0.5 lbs/sy. The Erosion Control Blanket shall be North American Green S75BN or SC150BN or equivalent depending on the location to be approved by the ENGINEER.

Erosion Control Blanket shall be placed in accordance with Section 251.04 of the Standard Specifications.

Method of Measurement. The work will be measured and paid for at the contract unit price per square yard for EROSION CONTROL BLANKET which shall include all material, equipment and labor to furnish and install as described herein.

SUPPLEMENTAL WATERING

Description. This work shall consist of applying additional water to newly seeded or sodded areas, and landscaping as directed by the ENGINEER in accordance with Section 252 of the Standard Specification.

Water shall be applied at a rate of 15 L/sq m (3 gal/sq yd) or as directed by the ENGINEER. The CONTRACTOR shall provide the meter readings of the usage of water on a daily basis to the ENGINEER.

Any damage as a result of the water trucks shall be corrected within two (2) weeks after given notice by the Village. Restoration for this damage will not be considered for payment by the VILLAGE.

Method of Measurement and Basis of Payment. This work shall be calculated and paid for at the contract unit price per unit of SUPPLEMENTAL WATERING based on the amount of seed or sod, or landscaping installed which includes all labor, material and equipment.

INLET AND PIPE PROTECTION

Description. This work shall consist of installing a temporary sediment filter located at the inlet to storm sewer culverts to prevent sediment from entering, accumulating in and being transferred by a culvert prior to permanent stabilization of a disturbed project area.

The inlet and pipe protection shall be constructed of a small stone berm in a horseshoe shape around the culvert inlet. The upstream half of the stone berm shall consist of course aggregate (CA-1, CA-2, CA-3 or CA-4 gradation) and the downstream half of the stone berm shall consist of riprap meeting IDOT RR-3 or RR-4 gradation.

The downstream toe of the stone berm shall be no closer than 24 inches from the culvert opening to provide emergency outlet for flows from large storm events.

Maximum height of stone berm shall be 3 feet and side slopes shall not exceed 2:1. Filter fabric may be used at the Contractors discretion to provide a stable foundation and to facilitate removal of the stone.

Method of Measurement and Basis of Payment. This work shall be calculated and paid for at the contract unit price per each of INLET AND PIPE PROTECTION which includes all labor, material and equipment necessary for their installation, maintenance and removal.

TREES

Description: This work shall consist of furnishing and installing trees in accordance with the Village of Glendale Heights Municipal Forestry Plan (revised 2013) and ANSI Z133.1. The location and type of tree shall be in accordance with the landscaping details in the plans.

Scheduling: Fall planting shall be performed from the time the plant becomes dormant until the ground cannot be satisfactorily worked except that evergreen planting shall be performed between September 1 and November 1.

Guarantees: This Contractor shall guarantee the tree material for a period of one year after Date of Substantial Completion of total Project. The Contractor shall replace any and all tree material, which has not survived the guarantee period.

Within this period of the guarantee, trees replaced by approval of the Village Parks Department shall be guaranteed for 1 year from date of replacement.

At any time within the period of the guarantee, the Contractor shall replace any tree, which has died or is in a dying condition, or has failed to flourish in such a manner or is such a degree that its usefulness or appearance has been impaired due to inferior or defective materials or workmanship, or unfavorable weather conditions. The decision of the Village Parks Department for making replacements shall be conclusive and binding. The Contractor shall also make good damage to persons or property caused by defective workmanship or materials.

Surface Conditions: Apply a total non-plant selective herbicide to the outline of all mass planting beds. Follow manufactures instructions for use and applications. Herbicide to be applied by a licensed applicator. Sod stripping shall be included. After herbicide manufacture recommendations for sufficient time to perform removes existing turf and vegetation debris. Dispose of offsite.

Excavation of Plant Holes:

Shape: The sides of all tree holes shall be sloped and the bottoms horizontal.

Size: Tree excavations shall be dug to the depth of the root ball and the ball diameter plus 18 inches. Ground cover shall be a minimum diameter and depth of the container plus 8 inches.

All excess excavated material shall be removed from the site, become property of the CONTRACTOR, or dumped at a legal offsite location.

Removal and disposal of any roots encountered during excavation of the tree hole shall be considered incidental to this item.

Planting: Remove all rocks and debris over 1" in diameter from top 3" of planting beds. Remove top two inches of exiting soil from entire surface of mass planting beds. Apply a 3" layer of mulch over entire surface of mass planting beds. Prepared backfill soil shall be in a loose friable condition at the time of planting. All trees shall be placed in a plumb position and set at the same depth and orientation as they grew in the nursery field. Tamping or watering shall accompany the backfilling operation to eliminate air pockets.

Shredded Hardwood Bark Mulch. Shredded hardwood bark mulch shall be free of harmful chemicals, diseases, and insects. Mulch shall have a minimum 1/8 inch dimension and a maximum length of 2-1/2". Mulch shall be spread 4" thick over the plant hole.

Balled and Burlapped Plants: After the tree is placed in the hole, all cords and burlap shall be cut away from the trunk and the burlap and any wire baskets removed from the top of the ball.

Watering: Within two hours after the tree has been placed, tree shall be substantially watered. Following that, trees shall be cared for and watered in accordance with Section 253.15 of the Standard Specifications.

Any damage as a result of the water trucks shall be corrected within two (2) weeks after given notice by the Village. Restoration for this damage will not be considered for payment by the VILLAGE.

Tree Protector: All trees shall be installed with a 30 inch tall *Protex Pro/Gro Solid Tube Tree Protector* (or approved equal) on each tree stem. The tube shall be staked using a 3/8 inch x 48 inch long bamboo stake fastened to the outside of the tube using at least 2 cable (zip) ties. The bottom of the tube shall be buried at least 2 inches to prevent rodents from burrowing under the tube. Protex Tubes shall be installed with the shiny side facing out. For multi-stemmed shrubs use two or more tubes fastened together. Install the same number of bamboo stakes as there are tubes used per plant. Cost of this Protector shall be included in the price of the plant.

Also, 50% of the value of the landscaping cost will be held in retainage until after the first spring following the project's completion date and any trees showing signs of failure at this time should be removed and replaced by the CONTRACTOR at no cost to the Village.

Basis of Payment: This work shall be paid for at the contract unit price per EACH for TREE which includes excavation, disposal of excavated material, staking and ties, tree wrap, tree protector, furnishing and placing mulch, additional plant care and waterings and all incidental work herein specified.

SHRUBS

Description. Codes and Reference Standards: All materials shall conform to the standards adopted by the American Association of Nurserymen, Village of Glendale Heights Municipal Forestry Plan (revised 2013), and ANSI Z133.1.

Scheduling. Fall planting shall be performed from the time the shrub becomes dormant until the ground cannot be satisfactorily worked except that evergreen planting shall be performed between September 1 and November 1.

Guarantees. This CONTRACTOR shall guarantee the shrub material for a period of one year after Date of Substantial Completion of total Project. He shall replace any and all shrub material, which has not survived the guarantee period.

Within this period of the guarantee, shrubs replaced by approval of the ENGINEER shall be guaranteed for 1 year from date of replacement.

At any time within the period of the guarantee, the CONTRACTOR shall replace any shrub, which has died or is in a dying condition, or has failed to flourish in such a manner or is such a degree that its usefulness or appearance has been impaired due to inferior or defective materials or workmanship, or unfavorable weather conditions. The decision of the ENGINEER for making replacements shall be conclusive and binding. The CONTRACTOR shall also make good damage to persons or property caused by defective workmanship or materials.

Shredded Hardwood Bark Mulch. Shredded hardwood bark mulch shall be free of harmful chemicals, diseases, and insects. Mulch shall have a minimum 1/8 inch dimension and a maximum length of 2-1/2". Mulch shall be spread 4" thick over the plant hole.

Fertilizer. All fertilizer shall be a commercial balanced 10-6-4 fertilizer delivered to the site in bags labeled with the manufacturer's guaranteed analysis.

Surface Conditions. Apply a total non-plant selective herbicide to the outline of all mass planting beds. Follow manufacturer's instructions for use and applications. Herbicide to be applied by a licensed applicator. After herbicide manufacture recommendations for sufficient time to perform removes existing turf and vegetation debris. Dispose of offsite.

Excavation of Plant Holes.

Shape: The sides of all shrub holes shall be sloped and the bottoms horizontal.

Size: Shrub excavations shall be dug to the depth of the root ball and the ball diameter plus 18 inches. Ground cover and perennial excavations shall be a minimum diameter and depth of the container plus 8 inches.

Planting. Remove all rocks and debris over 1" in diameter from top 3" of planting beds. Remove top two inches of existing soil from entire surface of mass planting beds. Apply a 3" layer of mulch over entire surface of mass planting beds. Prepared backfill soil shall be in a loose friable condition at the time of planting. All shrubs shall be placed in a plumb position and set at the same depth as they grew in the nursery field. Tamping or watering shall accompany the backfilling operation to eliminate air pockets.

Balled and Burlapped Plants:

After the shrub is placed in the hole, all cords and burlap shall be cut away from the trunk and the burlap and any wire baskets removed from the top of the ball.

Container Grown Plants:

Prior to placing the plant in the hole, the container shall be removed with care so as not to disturb the root system.

After planting apply a pre-emergent herbicide to all mass planting beds. Apply per manufacturer's instructions for application.

Shrub Protector: All shrub shall be installed with a 30 inch tall *Protex Pro/Gro Solid Tube Tree Protector* (or approved equal) on each stem. The tube shall be staked using a 3/8 inch x 48 inch long bamboo stake fastened to the outside of the tube using at least 2 cable (zip) ties. The bottom of the tube shall be buried at least 2 inches to prevent rodents from burrowing under the tube. Protex Tubes shall be installed with the shiny side facing out. For multi-stemmed shrubs use two or more tubes fastened together. Install the same number of bamboo stakes as there are tubes used per plant. Cost of this Protector shall be included in the price of the plant.

Watering: Within two hours after the shrub has been placed, shrub shall be substantially watered. Following that, shrubs shall be cared for and watered in accordance with Section 253.15 of the Standard Specifications.

Any damage as a result of the water trucks shall be corrected within two (2) weeks after given notice by the Village. Restoration for this damage will not be considered for payment by the VILLAGE.

Also, 50% of the value of the landscaping cost will be held in retainage until after the first spring following the project's completion date and any shrubs showing signs of failure at this time should be removed and replaced by the CONTRACTOR at no cost to the Village.

Method of Measurement and Basis of Payment. This work shall be paid for at the contract unit price per each for SHRUBS. Unit prices shall include all labor, material, and equipment necessary for excavation, disposal of excavated material, staking and ties, shrub protector, additional plant care and waterings and all incidental work herein specified.

MULCH

Description: This work shall be in accordance with Section 253 and 254 of the Standard Specifications. A sample of the mulch shall be provided to the ENGINEER for approval prior to

delivery and use on site. Mulch will be installed around at the base of all trees and shrubs installed as part of this contract to a depth of 4-inches. Mulch shall not be placed against trunk or stems.

Method of Measurement: Mulch will be measured for payment in cubic yards.

Basis of Payment: This work will be measured for payment at the contract unit price per cubic yard for MULCH.

STREET SWEEPING

Description: The Contractor shall utilize a mechanical street sweeper to clean streets affected by the Contractor's operations, including haul routes, at least once per week during excavation operations and additionally as directed by the Engineer. The street-sweeper shall be a full-sized, municipal- type sweeper having dust collection and street washing capabilities. The water for this will be supplied by the VILLAGE from a hydrant located at the Public Works Building, with a meter.

Should the CONTRACTOR fail to respond within 24 hours or upon responding fail to diligently clean the pavement, sidewalk or parkways on or adjacent to the section under construction, the CONTRACTOR shall be liable and shall pay to the VILLAGE the sum of \$500 per calendar day, not as a penalty but as liquidated damages, for each day that the CONTRACTOR fails to either respond or diligently clean the pavement, sidewalk or parkways. The liquidated damages for failure to respond or diligently clean the pavement, sidewalk or parkways are approximate, due to the impracticality of calculating and proving actual costs. The liquidated damage amount establishes the cost to account for increased administration, engineering, liability, emergency response, inspection, and supervision during periods of extended time of the presence of dirt and debris on pavement, sidewalks or parkways. The costs represented by the liquidated damage amount are understood to be a fair and reasonable estimate of the costs that will be borne by the VILLAGE during extended and delayed performance by the CONTRACTOR of the cleaning of the pavement, sidewalk or parkways. The VILLAGE will deduct these liquidated damages from any monies due or to become due to the CONTRACTOR from the VILLAGE.

If, in the opinion of the ENGINEER, dust and debris becomes a problem despite the normal cleanup measures of street sweeping, the CONTRACTOR shall wash down the pavement, or re-sweep streets as necessary, all at no additional cost to the VILLAGE.

Method of Measurement: This work shall be measured per HOUR for STREET SWEEPING. Street sweeper will not be paid for travel time and will only be paid for time spent working within the project site.

Basis of Payment: This work will be paid for at the Contract unit price per HOURS for STREET SWEEPING, which price shall be payment in full for labor, equipment and materials required to complete the work.

TOPSOIL FURNISH AND PLACE, SPECIAL

Description. This work shall consist of furnishing and placing topsoil in accordance with Section 211 of the STANDARD SPECIFICATIONS.

Construction Requirements. The CONTRACTOR shall be required to furnish and place topsoil in areas deemed necessary by the ENGINEER. The topsoil shall be placed to a depth specified. It shall be the CONTRACTOR'S responsibility to ensure proper drainage from the landscaped areas to the proposed drainage structures. This topsoil shall be approved by the ENGINEER prior to its use.

Topsoil shall not be placed until the area to be covered has been shaped, trimmed and finished according to Section 212. All irregularities or depressions in the surface due to weathering or other causes shall be filled or smoothed out before the topsoil is placed. If the existing surface has become hardened or crusted, it shall be disked or raked or otherwise broken up so as to provide a bond with the layer of topsoil to be applied.

The ENGINEER will verify that the proper topsoil depth has been applied. After verification of proper depth, the CONTRACTOR shall completely incorporate the placed material into the existing surface to a minimum depth of 150 mm (6 in.) below finished grade by disking or tilling.

The surface of the topsoil shall be free from clods, stones, sticks and debris and shall conform to the lines, grades and the minimum thickness shown on the plans. If required by the ENGINEER, one rolling of the entire surface shall be made.

Upon completion of the work, all areas shall be cleared of equipment, debris, and excess material. Surplus or waste material resulting from construction operations shall be disposed of by the CONTRACTOR according to Article 202.03.

Method of Measurement. Topsoil Furnish and Place, Special will be measured in cubic yards.

Basis of Payment. Topsoil Furnished and Place, Special will be paid for at the contract unit price per cubic yard for TOPSOIL FURNISH AND PLACE, SPECIAL, which price shall be payment in full for all labor, equipment, and material to complete the work as specified herein.

EXPLORATION TRENCH, SPECIAL

Description. This work shall consist of constructing a trench for the purpose of locating the existing utilities within the construction limits of the proposed improvement in accordance with Section 213 of the STANDARD SPECIFICATIONS and as directed by the Engineer.

Construction Requirements. The depths of the exploration trench will vary depending on the depths of the existing utilities.

Measurement and Payment. This work shall be paid for at the contract unit price per foot for EXPLORATION TRENCH, SPECIAL which the price shall include all excavation, backfill, equipment and any other necessary items to complete the work as specified herein.

SODDING, SPECIAL

Description. This work shall consist of preparing the ground surface, excavating 4", furnishing and applying topsoil to a 4" depth, fertilizing the areas to be sodded as specified in the plans and furnishing and placing the sod. All work shall be in accordance with the applicable portions of Sections 211 and 252 of the "Standard Specifications for Road and Bridge Construction".

Excavated materials and sodding materials, including topsoil and fertilizer, shall not be placed on any street pavement surface. Sodding within DuPage County right-of-way shall be Salt Tolerant.

180 pounds of fertilizer nutrients per acre shall be applied at a 5:3:2 ratio as follows:

Nitrogen Fertilizer Nutrients	90 lbs/acre
Phosphorus Fertilizer Nutrients	54 lbs/acre
Potassium Fertilizer Nutrients	36 lbs/acre

Watering shall be completed as directed by the ENGINEER, in accordance with Articles 252.08 and 252.09 of the Standard Specifications which states:

"252.08 Sod Watering. Within two hours after the sod has been placed, water shall be applied at a rate of 25 L/sq m (5 gal/sq yd). When the sod is placed between September 1st and May 30th, additional water shall be applied every three days at the rate of 15 L/sq m (3 gal/sq yd) for a total of fifteen additional waterings. When the sod is placed between June 1st and August 31st, additional water shall be applied every other day at a rate of 15 L/sq m (3 gal/sq yd) for a total of 20 additional waterings.

The CONTRACTOR is required to log the dates of the 20 additional waterings and notify the ENGINEER for acceptance.

All sod shall be rolled in place within 24 hours of placement.

The CONTRACTOR shall have on hand enough equipment to completely water all sodded areas in two days at the watering rates specified above. The ENGINEER will make periodic checks of the CONTRACTOR's watering equipment to determine its adequacy and operating condition.

All watering described shall be done with a spray application. An open-end hose will not be acceptable. The method of watering shall meet the approval of the ENGINEER.

252.09 Supplemental Watering. During periods exceeding 26° C (80° F) or subnormal rainfall, supplemental watering may be required after the initial and additional waterings and prior to acceptance of the work. Supplemental watering shall be performed when directed by the ENGINEER. Water shall be applied at the rate specified by the ENGINEER within 24 hours of notice."

Watering shall be included in the cost of SODDING, SPECIAL for which no additional compensation will be made. SUPPLEMENTAL WATERING will be paid for under the item SUPPLEMENTAL WATERING as directed by the Engineer.

Also, 50% of the value of the sodding cost will be held in retainage until after the first spring following the project's completion date and any sodding showing signs of failure at this time should be removed and replaced by the CONTRACTOR at no cost to the Village.

Method of Measurement and Basis of Payment. This work shall be measured in place and the area calculated in square yards and shall be paid for at the contract unit price per square yard for SODDING, SPECIAL which price shall be full compensation for all preparation, excavating, topsoil, fertilizer, watering, labor, equipment, and material to complete the work as specified in these special provisions.

PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL

Description. This work shall consist of placing Portland cement concrete sidewalk on a compacted subbase and shall be performed in accordance with Sections 311 and 424 of the Standard Specifications with the following alterations.

Construction Requirements. Sidewalks shall be placed on 4-inches of Subbase Granular Material, Type B for new sidewalks and 2 inches of Subbase Granular Material for replacing existing sidewalk. Expansion joints shall be placed at intervals of not more than 50 feet. All required excavation and/or embankment shall be included.

All framing shall be set to final grade of the pour. No angle irons will be allowed. No watering cans shall be allowed on site.

Any damage to the parkway, outside of what is necessary by the CONTRACTOR to set forms, shall be the CONTRACTOR's responsibility to repair at his/her cost. This includes, but is not limited to, skid steer tracks or tire tracks from the concrete truck.

Method of Measurement. Portland cement concrete sidewalk will be measured for payment in place, and the area computed in square feet.

Basis of Payment. This work will be paid for at the contract unit price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL, which price shall include all expansion joints, special texturing, compacted subbase granular material, pedestrian accessibility and required excavation.

STABILIZED CONSTRUCTION ENTRANCE

Description. This work shall consist of furnishing, installation, maintenance and removal of stabilized pad of aggregate underlain with filter fabric as shown on the plans or directed by the Engineer.

Materials. Materials shall conform to the following:

Aggregate size: IDOT Coarse Aggregate Graduation: CA-1, CA-2 CA-3, or CA-4.

Filter Fabric shall consist of synthetic polymers composed of at least 85 percent by weight polypropylene, polyesters, polyamides, polyethylene, polyolefins or polyvinylidene-chlorides. The geotextile shall be free of any chemical treatment or coating that significantly reduces its porosity. Fibers shall contain stabilizers and/or inhibitors to enhance resistance to ultraviolet lights.

Construction Requirements. The course aggregate shall be a thickness of 6 inches or more. The stone entrance should not be filled until the area has been inspected and approved by the Engineer.

The rock shall be dumped and spread into place in approximately horizontal layers not more than 3 feet in thickness. It shall be placed in a manner to produce a reasonable homogeneous stable fill that contains no segregated pockets or larger or small fragments or large unfilled space caused by bridging of larger fragments. No compaction will be required beyond that resulting from the placing and spreading operations.

The minimum width and length shall be 14 and 70 feet, respectively.

All surface water flowing or diverted toward the construction entrance shall be piped across the entrance. Any pipe used for this will be considered included in the cost of the STABILIZED CONSTRUCTION ENTRANCE.

The entrance shall remain in place and be maintained until the disturbed area is stabilized. Any sediment spilled onto public right-of-ways must be removed immediately.

Measurement and Payment. The work shall be paid for at the contract unit price per square yard for STABILIZED CONSTRUCTION ENTRANCE, which price shall be payment in full for all material, labor and any other items required to complete the work.

AS-BUILT DRAWINGS

Description. At the completion and acceptance of the Work, the CONTRACTOR shall perform a full topographic survey of the entire project area(s). The project area(s) will be defined as work completed under the **Armitage Creek Stream Restoration (Reaches 13 & 14) Project**. The CONTRACTOR shall be responsible for recording the exact locations (GPS coordinates) and elevations of features as outlined below.

Requirements. The as-built plans shall illustrate the horizontal and vertical location of all constructed, relocated, or otherwise altered water mains, storm sewer, sanitary sewer, and roadway elements.

The following is a list of items that are required to be shown for each system identified above (alignment, type, location, size and elevations):

- A. Water Main
 - 1. Pipe (Size, Material and Alignment)
 - 2. Valve (Structure Type, Size, Location)
 - 3. Fire Hydrants and Auxiliary Valves (Type and Location)
 - 4. Fitting (Type and Location)

5. B-Boxes (Locations and Service Size)

- B. Storm Sewer
 - 1. Pipe (Size, Material and Alignment)
 - 2. Structure (Structure Type, Size, Location)
 - 3. Rim and Invert (Elevations)
- C. Sanitary Sewer
 - 1. Pipe (Size, Material and Alignment)
 - 2. Structure (Size and Location)
 - 3. Rim and Invert (Elevations)
 - 4. Services (Locations and Size)
 - 5. Cleanouts (Locations)
- D. Roadway
 - 1. Roadway and Curb and Gutter (BOC – EOP – CL – EOP - BOC)
 - 2. Sidewalk (Locations)

In addition, all utility structures must be digitally logged using the ArcGIS Field Maps App (available as a free download) and the Asset Management Solution (provided by GIS Consortium, care of MGP Inc.). The Asset Management Solution shall be shared with the CONTRACTOR upon contract execution. The above specified data shall be delivered to the VILLAGE as an ESRI GIS shapefile or File Geodatabase version 10.3 or above. The file shall be transmitted to the Village on a portable USB flash drive. All data collected or adjusted for positional accuracy shall be snapped to adjacent features in accordance with the GIS Consortium Utility Model Standards. All questions concerning GIS file requirements shall be directed to the Village's GIS consultants, MGP, Inc. (leadershipteam@mgpinc.com). This work shall be included in the cost of this item.

The CONTRACTOR will also turn over 3 paper copies of a full size (22"x34") plan set. The minimum scale will be 1"=20'. An electronic copy (in Microstation and PDF format) of the as-built drawings shall also be provided to the Village. Drawings shall be affixed with the "As-Built" printed mark and must be signed by the CONTRACTOR and Village Resident Engineer.

As-built survey shall be complete and stamped by a Professional Engineer or Professional Land Surveyor (PLS).

Method of Measurement and Basis of Payment. This item will be paid for at the contract lump sum price for AS-BUILT DRAWINGS, which price shall be payment in full for all services, materials, labor, and other items to complete the Work.

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

Description. This work shall consist of the construction of new combination concrete curb and gutter including all necessary curb and gutter removal, pavement removal, excavation and embankment as shown in the detail on the plans and in accordance with Sections 606, 202 and 205 of the Standard Specifications and as specified herein.

Construction Requirements. In addition to the requirements of Article 606.06 of the Standard Specifications the Contractor shall excavate all material necessary to build the proposed curb and

gutter and proposed subbase in accordance with Section 202 of the Standard Specifications. Excavated material will not be permitted to be stockpiled behind the curb. Backfill behind the proposed back of curb shall be in accordance with Section 205 of the Standard Specifications.

Expansion joints shall be placed at a maximum spacing of 60 feet.

Contraction joints shall be placed at a maximum spacing of 20 feet.

All framing shall be set to final grade of the pour. No angle irons will be allowed. No watering cans shall be allowed on site.

If needed by the Contractor, at the temporary construction entrances on Glen Ellyn Road and Armitage Avenue, the existing curb head shall be horizontally sawcut and left in place for the duration of construction. Once access to the creek is no longer needed, the curb and gutter shall be removed and replaced in accordance with this provision.

Any pavement removed adjacent to the curb and gutter removal and replacement shall be replaced with CLASS D PATCHES, SPECIAL or PAVEMENT REMOVAL AND REPLACEMENT (COUNTY).

The following items are to be considered incidental to the curb and gutter removal and replacement as shown on the detail:

- Horizontal saw cut of existing curb head at temporary construction entrance.
- Excavation to 6" behind the proposed Back of Curb.
- Suitable backfill materials behind curb.
- Longitudinal bars, if encountered in the existing curb or curb and gutter, are not to be replaced. Cutting and removing longitudinal bars shall be included.
- Drill and grout 2 #6 epoxy coated dowel bars to the existing curb and gutter.
- Pavement removal adjacent to curb.

Method of Measurement and Basis of Payment. Combination concrete curb and gutter removal and replacement and all excavation, and backfill necessary to construct the work as shown on the plans and as specified herein shall be measured and paid for at the contract unit price per foot for COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.

CONSTRUCTION SIGN

Description: This work shall consist of furnishing, fabricating and installing a construction project sign in accordance with Section 720 of the Standard Specifications. The layout of the sign and the location of the sign shall be coordinated and approved by the VILLAGE prior to fabrication. Shop drawings of the sign and assembly shall be submitted to the ENGINEER for approval.

Materials: The sign shall be 3 feet high and 4 feet wide constructed from 0.125 in. thick aluminum sheeting. The minimum letter height shall be 2 inches. The sign shall be fabricated using Type AP white sheeting for the background with black vinyl or black opaque ink for the letters and symbols. The bottom of the sign shall be six feet above ground. The sign shall be mounted using two Type A

sign posts in accordance with Section 729 of the Standard Specifications. The sign shall include the following language:



The sign shall be erected for the duration of construction. Upon completion of the project, the sign and posts shall be removed and shall remain property of the Village.

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per each CONSTRUCTION SIGN which shall include excavation, posts, restoration and all material, equipment, and labor to complete the work as specified herein.

CONTROLLED LOW-STRENGTH MATERIAL

Description: This work shall consist of installing forming around the existing gabion basket that are protecting the existing sanitary sewer manhole and pouring controlled low-strength concrete to protect the structure from erosion.

The Contractor shall form the existing gabion baskets at the locations shown on the plans or as directed by the Engineer and pump controlled low-strength material (Section 593).

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per cubic yard for CONTROLLED LOW-STRENGTH MATERIAL which shall include all material, equipment, and labor to complete the work as specified herein.

CLASS D PATCHES, 10", SPECIAL

This work shall consist of removal and replacement of existing pavement at locations as directed by the Engineer. This work shall be done in accordance with Section 442 of the Standard Specifications except that the four types, namely Type I, Type II, Type III and Type IV have been combined under the pay item Class D Patches, Special. Pavement replacement shall consist of 8-inches of HMA Binder Course and 2-inches of HMA Surface Course.

The surface of the patch shall be flush with the existing surface upon completion of the patch. No patch shall be left open for more than 24 hours.

All holes, soft places and other defects in the subbase or subgrade shall be corrected by the Contractor by removing the unsuitable material, adding more bituminous mixture as specified herein in conformance with Section 406.

This work will be paid for at the contract unit price per square yard for CLASS D PATCHES, 10", SPECIAL which price shall include the removal of the existing pavement base and bituminous surface and sub-grade as directed by the engineer and the placement and compaction of the specified bituminous mixture up to the existing bituminous surface.

EDUCATIONAL SIGN

Description. This work shall consist of coordinating the design, fabrication, and installation (including foundation and posts) of two (2) color educational signs illustrating shoreline stabilization and riparian habitat restoration. Both signs shall be the same. The sign and installation shall be performed in accordance with the manufacturer's guidelines.

The sign is to be 24 inch by 36-inch by ½-inch thick exterior, weather resistant, panels. A sample of the sign has been included on the plans. The CONTRACTOR shall provide electronic sketches to the VILLAGE and ENGINEER for approval prior to fabrication. The ENGINEER will assist the CONTRACTOR and VILLAGE to have the final sign approved by the Illinois Environmental Protection Agency (IEPA).

Logos of the VILLAGE, DuPage County, US EPA, and IEPA are to be prominently displayed on the sign.

The signs are to be installed at prominently visible locations at the ENGINEER'S approval. Finished panels shall be installed on double post pedestals with mounting plates as shown on the plans. The sign shall be installed at a height of 28"-32" measured from the existing grade to the bottom edge of the sign. Adequate bracing as required and approved by the ENGINEER shall be installed.

This work will be paid for at the contract unit price each for EDUCATIONAL SIGN which price shall include all labor, excavation, materials, foundation, and equipment necessary to install and maintain the sign as specified herein.

FENCE REMOVAL

Description. This work shall consist of removing and disposing of the existing chain link fence at locations shown on the plans or as directed by the Engineer. Fence removal shall also include removal and disposal of the existing concrete foundations.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per FOOT for FENCE REMOVAL which shall include payment in full for all material, labor, and any other items required to complete the work.

FENCE REPLACEMENT

Description. This specification includes the furnishing of all labor, tools, material, equipment, and services necessary for, and reasonably incidental to, the construction of fencing, as indicated on drawings or specified herein.

Provide entire PVC coated system, black.

Shop Drawings. Submit Shop Drawings for approval, prior to manufacturing, describing and detailing typical line post, terminal post, gate, fabric, materials, hardware assemblies, and all proposed fence/gate alignment sections.

Materials.

Chain link Fence Fabric: Chain link fabric shall be constructed of woven 6-gauge fabric. All fabric shall be W & M steel wire, in a continuous 2-inch mesh. Mesh shall be with knuckled top and bottom selvage. Fabric shall not be hot-dipped galvanized after weaving, per ASTM A-392. The weight of the coating shall be 1.2oz. per square foot of actual surface. Coating shall be smooth, of uniform thickness, and free from dross, uncoated spots and adhered particles of foreign material. Height of fabric shall be 6'. The lower edge of fabric shall be no greater than 1-1/2" above finished grade.

All line posts, terminal post, top rails, bottom rails and fittings shall be PVC coated galvanized zinc steel, ASTM A120 or A123, with not less than 1.8 oz. zinc per square foot of surface area and 12 mils PVC thickness. All fittings and accessories shall be PVC coated galvanized, ASTM A153.

Line Posts shall be one of the following:

2-3/8" O.D. Schedule 40, ASTM A-120, 3.65 pound/LF.

S-40-ASTM A-569, 3.12 pounds/LF.

Standard C Section ASTM F-669, 2.28 pounds/LF.

H Section ASTM F-669, 3.26 pounds/LF.

End, corner and pull posts shall be one of the following:

2 7/8" O.D. Schedule 40, for 4', 6', 8' high fence.

SS-40, 4.64 pounds/LF.

Roll Formed Post, 4.85 pounds/LF.

All posts shall have PVC Coating after galvanizing.

Top and Bottom & Middle Rails shall be: Longest lengths available, with expansion type couplings, approximately 6" long, for each joint. Provide with means for attaching securely to each post other than line posts. Provide and install posts as required. Shall be one of the following:

1-5/8" O.D. Schedule 40, 2.27 pounds/LF.

S-40, 1.84 pounds/LF.

Roll Formed Rail, 1.37 pounds/LF with PVC Coating after galvanizing.

Hog rings, nuts and bolts: These components shall be coated with .007 mils film thickness of Phenolic baked phosphate enamel capable of 250 hours salt spray test.

Post brace assembly: Adjustable brace at end and gate posts and at both sides of corner and pull posts, with horizontal brace located at mid-height of fabric. Use same material as top rail for brace and truss to line posts with 0.0375" diameter rod and adjustable tightened.

Caps bands and Connectors: All caps, bands, and connectors used in construction of PVC coated chain link fence shall be galvanized pressed steel, malleable or cast steel, or aluminum alloy. PVC coating shall be bonded and applied as stated in 2.03. Provide a weathertight closure cap designed to receive top rail.

All chain link posts shall be set in concrete foundations in the ground. Concrete shall conform to the Standard ASTM C-94, 3000 PSI @ 28 days. The diameter of the foundation to be a minimum of twelve (12") inches except for terminal posts on which the minimum diameter shall be three times the outside diameter of the post. All foundations shall slope away from the post to ensure proper drainage or as detailed in the drawings.

All posts shall be of sufficient length to provide forty-two (42) inch setting in concrete footings.

Excavation: drill or hand excavating (using post hole digger) holes for posts to diameters and spacing indicated, in firm, undisturbed or compacted soil. All excavated material is to be removed from the post location and dumped in a Village approved location on site project site or removed from site and disposed of properly.

Excavate holes for each post to minimum diameter recommended by fence manufacturer, but not less than 4 times largest cross-section of post. Excavate hole depths approximately 3" lower than post bottom; with bottom of posts set not less than 36" below finish grade surface

Setting Posts: Center and align posts in holes 3" above bottom of excavation.

Place concrete around posts and vibrate or tamp for consolidation. Check each post for vertical and top alignment and hold in position during placement and finishing operations. Extend concrete footings 2" above grade and trowel to a crown to shed water. Allow concrete to attain at least 75% of its minimum 28-day compressive strength, but in no case sooner than 7 days after placement, before rails, tension wires, or fabric is installed. Do not stretch and tension fabric and wires, and do not hang gates until the concrete has attained its full design strength. Restore grade around posts once setting is complete.

Top Rails: Run rail continuously through post caps. Provide expansion couplings as recommended by fencing manufacturer.

Spacing: Maximum spacing between fence posts shall be 8'-0".

Fabric: Pull fabric taut and tie to posts and rails. Install fabric on interior or playing side of fences and anchor to framework so that the fabric remains in tension after pulling force is released. Lower edge of fabric shall be set level with finished grades (1-1/2" above grade typ.) except as specified on plans and details.

Tension Bars: Fabric shall be attached to the terminal posts by means of single piece tension bars. Thread through fabric and secure to posts with metal bands spaced not over 12 inches O.C. (typ.).

Welding: All field welds shall be fully filled, ground flush and smooth, and cold galvanized by brushing on "Galvicon", or approved paint for vinyl fencing. Use silver paint (two coats required).

Cleanup. The job site shall be cleared of all excess material (concrete, wire, rails, pipe, etc.). All areas impacted by construction shall be leveled with topsoil, graded flush with surrounding grade and free of all debris and rocks and restored to as good as or better than original condition, as approved by the Engineer.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per foot for FENCE REPLACEMENT which price shall include all labor, material, and equipment necessary for fabrication, attachment, and installation and all incidental work herein specified.

ITEMS AS ORDERED BY ENGINEER

Description. This work shall consist of any work that may be discovered during construction that is deemed necessary by the ENGINEER and/or VILLAGE within the project limits to complete the work described in the contract. The CONTRACTOR will be required to provide backup documentation to the ENGINEER for this work. Any dollars not used will not be paid to the CONTRACTOR at final payout.

Construction Requirements. All work shall conform to the appropriate Articles of the Standard Specifications, Village ordinances, Village details and specifications that are considered industry standards or standards set forth by a governing body for the furnishing, fabrication, installation or removal of the included items.

Disposal of Material and Safety. All materials resulting from this extra work shall be disposed of at the Contractor's expense, outside the limits of the job, at locations acceptable to the Engineer and in accordance with Section 107.01 of the Standard Specifications, as amended by Public Act 90-671.

Method of Measurement. This work will be measured for payment in the appropriate dimensions for the work performed.

Basis of Payment. The Contractor will include in his bid a sum of 30,000 units at \$1 per unit for a total of \$30,000 for miscellaneous additions to the project at the Village's discretion. Only additional work, not covered by existing Pay Items, indicated on the Drawings or in the Project Specifications will be eligible for payment under this allowance.

LIGHT POLE FOUNDATION (SPECIAL)

Description. This work shall consist of furnishing and installing a metal helix foundation for a light pole as shown on the plans or as directed by the Engineer. All work related to the installation of the foundation shall be included (excavation, reinforcement, concrete, anchor bolts, backfilling, and disposal of surplus excavated material, etc.).

Materials. All materials shall be in accordance with the contract plan drawings and Sections 1020 and 1070.

Construction Requirements. All work shall be installed as shown on the contract plan drawings and in accordance with Section 836 of the Standard Specifications.

The Contractor shall be responsible for coordinating all work.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per EACH for LIGHT POLE FOUNDATION (SPECIAL) which shall include payment in full for all material, labor, and any other items required to complete the work.

LIGHTING UNIT, COMPLETE

Description. This item shall consist of furnishing and installing a new site lighting assembly complete at the location shown on the contract drawings.

Construction Requirements. All work shall be installed in accordance with Sections 821 and 830 of the Standard Specifications, contract plan drawings, NEC, and local ordinances.

Materials. The Contractor shall furnish and install the new light pole (complete including all hardware and accessories), pole, full base cover, and luminaire(s) as shown on the drawings.

All materials shall be in accordance with the contract plan drawings.

Method of Measurement and Basis of Payment. This work will be measured and paid for at the contract unit price per EACH for LIGHTING UNIT, COMPLETE which shall include payment in full for all material, labor, and any other items required to complete the work.

MAINTENANCE AND MONITORING PLAN

Description and Performance Standards. This work consists of the completion of site maintenance and monitoring necessary to meet the inspection, maintenance, reporting requirements, and vegetative performance standards listed in the following document:

- Armitage Creek Stream Restoration Project (Reaches 13 and 14) (Plan), prepared by Christopher B. Burke Engineering for the Village of Glendale Heights.

The CONTRACTOR shall complete five (5) growing seasons of maintenance and monitoring. By the end of the 5th growing season, the CONTRACTOR shall be required to have met the 5th year

standards of the Plan. The growing season contract dates are defined below in the Maintenance Project Plan Contract Dates section.

The Contract will have two phases:

- Phase 1 is the major construction/infrastructure work, major vegetation management activities, and stabilization.
- Phase 2 will be performance of 5 growing seasons of the required Maintenance Plan requirements and tasks.

Maintenance Project Plan Contract Dates. Native seed will be installed within the dates listed in the IDOT Standard Specifications; excerpt below:

“In Districts 1 through 6, the planting times shall be April 1 to June 15 and August 1 to November 1.”

Contract Dates for the Phase 2 execution of the Maintenance Plan by the CONTRACTOR will be as specified below.

- Seed installed will be inspected by the CONTRACTOR and ENGINEER in Fall of 2026 to verify Substantial Completion has been met.
 - The five (5) year Contractor requirement to achieve the standards of the Maintenance Plan will begin on January 1, 2027 if the first-year vegetative performance standards have been met.
 - The expected Contract Completion date will be December 31, 2031.

Annual Report. The Contractor shall prepare and submit an Annual Report. Annual reports shall be prepared by the Contractor and/or PM to meet the following requirements:

1. Annual reports will be provided to the Village by January 31st following each year of management.
2. Annual reports shall be a single document with a cover page including the title, project name, preparer of the document, and the latest revision date. Also include an introduction that provides a brief project description, project location and goals.
3. The report will include the approved landscaping plan, representative photographs, summary of maintenance activities performed, tabular statistics of the vegetative surveys, and progress towards meeting the annual performance standards.
4. If performance standards are not met in a given year, a detailed explanation and proposed corrective measures shall be provided.

Method of Measurement: This work shall be measured for payment on an annual basis, in units of YEAR. Each year the CONTRACTOR shall submit to the VILLAGE the required annual report prepared in accordance with the requirements of the Operations and Maintenance Plan.

Basis of Payment: This work will be paid at the contract price per YEAR for execution of the MAINTENANCE AND MONITORING PLAN.

PAVEMENT REMOVAL AND REPLACEMENT (COUNTY)

Description. This work shall consist of pavement removal and replacement within Glen Ellyn Road (DuPage County right-of-way). This work includes pavement removal, hot-mix asphalt surface course, Portland cement concrete base course, and aggregate base course of the areas specified in the plans. All work shall be in accordance with the applicable portions of Sections 351, 353, 406 and 440.

Construction Requirements. The CONTRACTOR shall sawcut the limit of pavement removal. The sawcut machine shall meet the equipment requirements of Section 1101.05 of the Standard Specifications.

The depth of existing pavement to be removed shall be considered to be 19 inches. All material that is more than 19 inches below the existing pavement that is to be removed shall not be paid for separately but shall be included in the unit price for PAVEMENT REMOVAL AND REPLACEMENT (COUNTY). The pavement shall be removed and hauled off-site. The pavement replacement shall include Aggregate Base Course (4-inches), Portland Cement Concrete Base Course 12" and Hot-Mix Asphalt Surface Course, Mix "D", IL-19.0, N70 (3 inches).

The Portland Cement Concrete Base Course shall be tied into the existing concrete base adjacent to the patch. Tie bars shall be installed per IDOT Highway Standard 353001.

The use of steel plates in open lanes of traffic is strictly prohibited on DuPage County routes November 15th through May 15th.

Method of Measurement and Basis of Payment. This work will be paid for at the contract unit price per square yard for PAVEMENT REMOVAL AND REPLACEMENT (COUNTY) which price shall be payment in full for pavement removal, Portland cement concrete base course, tie bars, hot-mix asphalt surface course, aggregate base course, sawcutting and disposal of material as herein specified.

PRESCRIBED BURN

Description. This task consists of implementing prescribed burns, to remove dead herbaceous vegetation, minimize the regeneration of invasive species in Years 3 (~2029) and 5 (~2031) of the Operations and Maintenance Program.

Complete prescribed burns in accordance the Conservation Management Guidelines for the Rusty Patched Bumble Bee.

The Contractor shall provide the ENGINEER a burn plan at least 2 weeks prior to completion of the burn. The plan shall be prepared in accordance with the procedures outlined in the Chicago Wilderness 2001 *Midwest Ecological Prescription Burn Crew Member Training Manual*, Appendices 1 – 9, or equal, as approved by ENGINEER.

Requirements. Prescribed burning shall occur in all native vegetation restoration areas, in order to remove dead herbaceous materials to facilitate better seed to soil contact and native seedling establishment and to prohibit the regeneration of invasive species.

Burn coverage is to be at least 80 percent (80%) of areas designated for prescribed burn. Burn coverage shall be considered complete removal of detritus down to the soil within burn areas or as approved by the ENGINEER. If less than 80 percent (80%) of the remaining detritus has not been removed by the prescribed burn, the ENGINEER may order special measures including but not limited to reigniting unburned areas, or full re-burn of certain areas, possibly on different days, to achieve the specified removal goal.

Method of Measurement and Basis of Payment. The work will be paid for at the contract unit price per each for PRESCRIBED BURN of the entire restoration area which price shall include all labor, equipment and materials necessary to complete the work as specified.

PRESEED HERBICIDE

Description. This work consists of applying herbicide to pretreat designated site areas of dense non-native herbaceous vegetation prior to seeding.

Scheduling. This phase shall be completed in sufficient time to allow evidence of an adequate kill to be present prior to seed installation and shall be timed so that non-native, lawn, and weedy plants do not have excess time to reemerge prior to completion of planting of the specific phase. If the CONTRACTOR does not achieve a 90% kill or reemerge of non-native, lawn, and weedy plant species occurs prior to installation of seed, the CONTRACTOR shall repeat the prescribed activities as necessary to meet performance standards, at no additional cost. The re-treatment(s) shall occur within a time period agreeable to the ENGINEER, using methods and materials agreeable to the ENGINEER.

Construction Requirements. Aquatic Glyphosate shall be used to perform pretreatment of areas that presently exhibit many non-native and weedy species. Weed control must achieve ninety five percent (95%) kill of all targeted invasive species within the planting zones prior to any seeding or tree and shrub planting.

The CONTRACTOR shall apply an aquatic glyphosate herbicide to the areas of invasive species within the planting areas. Certain invasive species may require additional applications or other herbicide types to achieve adequate kill. All herbicide types shall be approved by the ENGINEER prior to application. The CONTRACTOR must supply all materials, equipment and labor necessary to perform the plant control as specified and directed by the ENGINEER. Herbicide shall be applied by State Licensed Operator or Applicator. A copy of valid State of Illinois Department of Agriculture Pesticide Applicator and Operator for all persons applying herbicide shall be provided to the Engineer. All work shall be completed by staff experienced in completing weed eradication within local natural areas.

Low ground pressure terrestrial equipment (e.g. agricultural boom sprayer, ATV boom and pistol sprayer, tractor boom and pistol sprayer, etc.) may be used to apply herbicide.

Application Area. The CONTRACTOR shall be responsible for determining the acreage to which Preseed Herbicide shall be applied.

Method of Measurement and Basis of Payment. The work will be paid for at the contract unit price per acre for PRESEED HERBICIDE which price shall include all labor, equipment and materials necessary to complete the work as specified.

REMOVE EXISTING FLARED END SECTIONS

Description. This work shall consist of removing and disposing of existing flared end sections (various sizes) in accordance with Section 605 of the Standard Specifications.

Method of Measurement and Basis of Payment. This work shall be measured and paid for at the contract unit price per each for REMOVE EXISTING FLARED END SECTIONS.

SEEDING

Description. This work consists of preparing the seed bed, furnishing, transporting and placing the seed, of the various mixes on predetermined areas. All work, materials, equipment and incidentals shall conform to Section 250 and 1081 of the Standard Specifications except as modified herein and as directed by the ENGINEER.

Seed Specifications. The seed mix shall be supplied in pounds of Pure Live Seed. Only local genotypes shall be used; that is, seed shall be harvested from plants whose origin is within 150 miles of the site. If the seed listed is not available within 150 miles the ENGINEER may allow seed sourced from locations no more than 300 miles. The seed mix shall be supplied with appropriate inoculants. Fertilizer is not required.

Species Substitutions or Quantity Deviations. Prior to installation, the ENGINEER will review any species substitutions or quantity deviations submitted by the CONTRACTOR and reserves the authority to deny use of any species, if deemed unacceptable for the site and evaluate requested deviations in the listed quantities. The ENGINEER may consult with the VILLAGE regarding the suitability of the requested substitution.

All seed materials shall conform to the following requirements:

1. All supplied seed shall meet the requirements of Article 1081.04 of the Standard Specifications
2. Any seed received that does not meet these Specifications will be rejected by the ENGINEER and returned at the CONTRACTOR's expense.
3. All seed furnished by the CONTRACTOR shall be true to species name and variety for each seed mix tabulated in the plans.
4. All seed shall be guaranteed by the CONTRACTOR to be in a vigorous growing condition through three growing cycles (including three summer and two winter seasons). The guarantee period shall begin at time of final acceptance.

5. The original (wild) source of seed shall be guaranteed within a 150-mile radius of DuPage County, Illinois. If the seed listed is not available within 150 miles the ENGINEER may allow seed sourced from locations no more than 300 miles. Any seed that is not shall be specified by geographic location and distance from DuPage County, Illinois, by the Vendor. Preference will be given to seed that originates within 150 miles of DuPage County, Illinois.
 - a. All species with dispersal appendages (e.g. Asclepias, Aster, Liatris, Solidago, etc.) are being requested on a “de-fluffed” (DF) basis. Vendor must indicate if their seed is not available on a de-fluffed basis. Preference will be given to de-fluffed seed rather than bulk seed.
 - b. All “hulled” species (e.g. Desmodium, Lespedeza, Petalostemum, etc.) are being requested on a de-hulled (DH) basis. Vendor must indicate if their seed is not available on a de-hulled basis. Preference will be given to de-hulled seed rather than bulk seed.
6. Packaging for all species shall be clearly labeled on the outside with the following information:
 - a. Scientific name of species;
 - b. PLS value, PLS weight, and bulk weight;
 - c. Pure weight and bulk weight if seed is not available as PLS;
 - d. Seed tests must be attached to the packaging for all species at time of delivery;
 - e. Year of seed production and date of seed tests.
7. The Vendor shall provide (upon request) to the ENGINEER, a written description of the seed materials provided by the Vendor. This description shall include any or all the following:
 - a. Provenance of the various species of seed;
 - b. Name and location of seed supplier, if not from Vendor’s nursery;
 - c. Certificate of compliance from appropriate regulatory agencies indicating approval of seeds.
8. All legume species shall have the appropriate inoculants supplied with them.
9. The CONTRACTOR shall provide proof of acquisition of seed and associated seed tests as outlined above no later than **June 30, 2026**. There shall be no seed delivered to the project site or received by the ENGINEER on Fridays or holidays without prior approval.
10. All deliveries of seeds shall be packaged and delivered to ensure the viability of the seed material upon delivery. All seed shall be packed and covered in such a manner as to insure adequate protection against leakage, damage and to maintain dormancy while in transit.
11. Any delivery/shipping costs shall be integrated into the seed price per oz./lb. and the itemized cost. Do not give both a seed cost and a separate shipping/delivery cost.
12. Invoices shall directly reflect the quantities, price per unit, and itemized cost submitted to the Vendor in the form of Purchase Order and/or Attachment.

Mycorrhizal Inoculum: All native seed mixes shall be combined with an appropriate endomycorrhizal inoculant, such as AM 120 Mycorrhizal Inoculum (or comparable). The inoculants shall contain a diverse mixture of glomales fungal species (*Glomus* spp.) in pelletized form.

Application rate shall be in accordance with the selected manufacturers recommendations. All seed shall be mixed with a granular form of endomycorrhizal inoculant prior to installation.

Seeding Method. The primary method for seeding is broadcasting with carrier agent via a mechanical spreader. Hydroseeding can be used for areas with erosion issues, or other hard to access areas, as allowed by the ENGINEER. Other methods may be presented to ENGINEER for consideration. The ENGINEER will have final approval of the installation method.

Areas to be seeded shall be firm but not compacted and shall be fine graded to a smooth and natural contour prior to seeding. All rocks, sticks, roots, clods, and debris greater than one inch in diameter shall be removed and disposed on site in locations approved by the ENGINEER.

Immediately after rolling seeded area, place erosion control blanket on all slopes steeper than 3 feet horizontal to 1 foot vertical on the bottom of all ditches and adjacent to all trail and pavement edges. See Typical Section for type.

Schedule. Seeding is to be performed between April 1 and June 15 or August 1 and November 1 when it may be broadcast on top of the ground using traditional broadcast seeding equipment that has been cleaned to prevent the spread of weed seed from another site.

Dormant seeding may be allowed following consultation and approval by the Engineer.

Coverage shall mean a uniform coverage of vegetation at least 2 inches tall from the grade planted for any square yard planted. If the CONTRACTOR does not meet the above performance standard by the end of two growing seasons, the CONTRACTOR must complete appropriate tasks (additional seeding, prescribed burns, mowing, and/or selective herbicide application) to comply with the performance criteria. No payment will be made until performance is met.

Method of Measurement. SEEDING, NATIVE SEEDING shall be measured in acres of surface area seeded.

Basis of Payment. The work will be paid for at the contract unit price per acre of SEEDING, NATIVE SEEDING which prices shall include all labor, equipment and materials necessary to complete the work as specified.

SITE DEWATERING

Description. This work shall consist of dewatering (regardless of the water source) all work areas to install streambank stabilization and storm sewer, etc. to relatively dry conditions to maintain suitable working conditions and sediment control.

Prior to implementation of dewatering operations, a meeting shall be scheduled with the Village to discuss and coordinate the release of stormwater from an upstream golf course to prevent unanticipated flow through the creek channel.

Products. CONTRACTOR shall be responsible for the choice of the product(s) and equipment as well as “means and methods” for the Site Dewatering Work to be performed subject to the review of the ENGINEER. All products and “means and methods” selected shall be adequate for the intended

use/application. ENGINEER's review does not relieve the CONTRACTOR from compliance with the requirements of the Standard Specifications and the requirements of this special provision.

Submittals. CONTRACTOR shall submit to the ENGINEER for review a description of dewatering techniques and equipment to be used, together with detail drawings showing lengths of discharge piping and point(s) of discharge including sediment and erosion control procedures using Best Management Practices.

Best Management Practices are anticipated (but not limited to) to include:

Sump Pit

Pumps, Hoses, Etc.

Sediment Filter Bags

Removal and proper disposal of all BMP's and sediment associated with dewatering

Additional erosion and sediment control BMP's as per ENGINEER's direction

Responsibility. The CONTRACTOR shall be solely responsible for the choice of product(s) and equipment; for the design, installation, and operation; as well as "means and methods" of performing the Work; and subsequent removal of dewatering systems and their safety and conformity with local codes, regulations and these Specifications. All product(s), equipment and "means and methods" selected shall be adequate for the intended use/application. Review by ENGINEER does not relieve CONTRACTOR from compliance with the requirements specified herein.

The CONTRACTOR is cautioned that the existing creek operates for the area and its function and capacity may not be impaired during construction. The CONTRACTOR may be granted an extension of time commensurate with the period in which the creek is functioning during a rainfall event, but such extension of time shall in no case be greater than 48 hours after the end of a given rainfall event.

General Requirements. The CONTRACTOR shall select the pumps he/she desires to use and the rate at which the pumps discharge, but adequate protection at the pump discharge shall be provided by the CONTRACTOR, subject to review by the ENGINEER. The CONTRACTOR shall ensure that downstream water quality shall not be impaired.

At all times during the excavation period and until completion and acceptance of the Work at Final Inspection, ample means and equipment shall be provided with which to remove promptly and dispose of properly all water (including ground water, ditch water, storm sewer water, storm runoff, and water generated from CONTRACTOR's activities) entering any excavation or any other parts of the Work.

The CONTRACTOR will be responsible for furnishing the necessary labor and supervision to set up and operate the diversion pumping system. The CONTRACTOR shall provide sufficient inspection personnel to ensure that surcharging and backups do not occur on public or private property while pumping or plugging operations are being conducted. If bypass pumping is required on a 24-hour basis, the pumping equipment shall be equipped with mufflers to minimize noise to a level of 75 decibels or less (at 30 feet). The CONTRACTOR shall be required to obtain permission from private property owners if it is necessary to string pipes or hoses on said property.

When flow in a sewer line is plugged, blocked, or diverted, the CONTRACTOR shall take sufficient precautions to protect the sewer lines from damage that might result from sewer surcharging, and to insure that sewer flow control operations do not cause flooding or damage to the public or private property being served by the sewer involved.

Water pumped or drained from the work required for this Contract shall be disposed of in a safe and suitable manner without damage to adjacent waterways, adjacent property or streets or to other work under construction. Water shall be discharged with adequate erosion and sediment control protection of the surface at the point of discharge. No water shall be discharged into sanitary sewers. Any and all damages caused by dewatering the work shall be promptly repaired by the CONTRACTOR. The CONTRACTOR is responsible for providing any and all labor, materials and equipment needed for the DEWATERING in order to meet the scheduled completion of the project.

Bypass Pumping. Bypass pumping to keep the work areas relatively dry, shall meet the above requirements. The cost of this work is included in the cost of DEWATERING.

Requirements – Sediment Filter Bags.

- A. Sediment filter bags to be sized based on volume of water being pumped and quantity and type of sediment.
- B. Multiple discharges into a single bag are not permitted.
- C. Sediment filter bag shall be oriented to direct flow away from construction area and discharge filtered water into approved manhole or other receiving area.
- D. Sediment filter bag shall be replaced when it becomes ½ full of sediment or when the sediment has reduced discharge flow rate below the design requirements.
- E. Place straps, cross chains, pallets or other lifting device under the sediment filter bag for ease of replacement.

Materials – Sediment Filter Bags. The filter bags shall be made from a nonwoven, needle punched, polypropylene geotextile that meets the following values:

Weight - Typical	ASTM D-5261	8 oz/sy
Tensile Strength	ASTM D-4632	205 lbs
Elongation @ Break	ASTM D-4632	50%
Mullen Burst*	ASTM D-3786	350 psi
Puncture Strength*	ASTM D-4833	120 lbs
CBR Puncture	ASTM D-6241	535 lbs
Trapezoidal Tear	ASTM D-4533	85 lbs
Apparent Opening Size	ASTM D-4751	80 US Sieve
Permittivity	ASTM D-4491	1.35 Sec-1
Water Flow Rate	ASTM D-4491	90 g/min/sf
UV Resistance @ 500 Hours	ASTM D-4355	70%

Method of Measurement. This work will be measured for payment per calendar month or fraction thereof.

Basis of Payment. This work will be measured and paid for at the contract unit price per calendar month or fraction thereof for SITE DEWATERING, regardless of the number of areas that require

dewatering. Payment includes construction of the sump pit(s), dewatering filter bag, as detailed on the plans.

STREAMBANK STABILIZATION (COMPLETE)

Description. This work shall consist of grading and removing excess material from Reaches 13 and 14 of Armitage Creek, clearing the adjacent area to meet the proposed lines and grades shown on the plans, installation of various shoreline stabilization techniques, erosion control blanket, riprap, straw wattle, brush clearing, bank shaping, streambank grading, and all other streambank features included in the Plans. The excess material shall be disposed of as specified herein.

General Requirements. All trucks used to haul wet material removed from Reaches 13 and 14 of Armitage Creek channel shall be equipped with tailgate locks and tailgate seals (sludge locks) to prevent material spillage or leakage. CONTRACTOR will be responsible for immediate cleanup of any material that is spilled or leaked on the property and pavement adjacent to the project site.

The CONTRACTOR will be responsible for stabilizing the streambanks in accordance with the construction details included in the plans. This contract item includes various methods of streambank restoration. The lump sum contract item includes all necessary excavation, removal and disposal of excavated material that cannot be re-used onsite, stone riprap (various gradations), straw wattle, and seed mix (+/- 6 feet along banks).

It shall be noted that the intent of the project is to re-use on-site as much of the material, as possible, that does not meet the requirements for CCDD disposal. Any double handling of material to keep it onsite will not be paid for.

Method of Measurement and Basis of Payment. This work will be paid for at the contract lump sum price for STREAMBANK STABILIZATION (COMPLETE) which shall include all material, equipment and labor to complete the work.

TEMPORARY CONSTRUCTION HAUL ROAD MATTING

Description: This work shall consist of furnishing all labor, materials, equipment, and incidentals required to perform all operations in connection with the installation of construction or crane mats to allow excavation of creek channel and installation of the permanent streambank stabilization in accordance with the lines, grades, design and dimensions shown on the Plans, or as directed by the ENGINEER. The temporary construction haul road shall be Terralam 300 CLT Access Mat or an approved equal.

Submittals:

- A. The CONTRACTOR shall submit to the ENGINEER all manufacturer's performance research results and calculations in support of the construction mat system proposed for use. CONTRACTOR to verify the strength of the ground and proposed loading so the mats are designed accordingly.

- B. The CONTRACTOR shall submit a formal matting plan to be approved by the ENGINEER. The matting plan shown in the plans should only be used as a guide.

Beneath the matting shall be a woven geotextile fabric to provide additional stabilization and prevent the mats from sinking. Fabric shall meet specifications for AASHTO M288. Fabric shall be TerraTex GS manufactured by Hanes Geo Components or an approved equal.

The CONTRACTOR shall:

- Install matting one in front of another and remove matting in reverse order. No access may occur adjacent to the mats within the wetland boundary of the channel.
- Minimize the length and area of the matting to the extent possible.
- Determine the type and depth of soil to ensure proper design and construction.
- Provide adequate cross-drainage.
- CONTRACTOR shall install enough mats to have the driving surface above water level.
- The CONTRACTOR is responsible for restoration of any vegetation or soil damaged by the placement, use or removal of the mats.

Quantity for 200 square yards of TEMPORARY CONSTRUCTION HAUL ROAD MATTING has been included in the contract. Any additional quantity (including temporary stream crossing) used by the CONTRACTOR shall be at no additional cost to the VILLAGE.

Method of Measurement and Basis of Payment: The work shall be measured and paid for at the contract unit price per square yard for TEMPORARY CONSTRUCTION HAUL ROAD MATTING, which price shall constitute payment in full for all labor, materials, equipment, and incidentals necessary to complete the work as specified herein.

GENERAL REQUIREMENTS FOR WEED CONTROL

Qualifications.

1. Field Crew Chief must have a minimum of three (3) years of experience in invasive vegetation control and herbicide applications in natural areas to be qualified to work on this project.
2. All field crew members applying herbicide are required to have a current State of Illinois Pesticide Operator's or Applicator's License.

Goals/Performance. The goal of this project is to achieve a ninety-five percent (95%) or greater reduction of target species at the end of the growing season through foliar application of herbicide within the Work Site.

For the purposes of this project, the CONTRACTOR shall apply as many applications of herbicide as necessary to attain at least ninety-five (95%) kill rate for each species. The CONTRACTOR shall make the initial herbicide treatment, and make follow-up visits within 14-21 days depending on the chemicals to be used. It is the CONTRACTOR's responsibility to schedule the first follow-up visit in a timely manner and should not rely on the confirmation from the ENGINEER. If ninety-five (95%)

kill for each species is not achieved by the follow-up application, additional applications may be required.

Work shall be completed in a diligent, efficient, and timely manner. The ENGINEER will conduct un-announced site inspections to assess the efficiency of the field crew. If at any time, the ENGINEER observes work that is unacceptable, whether in application or in efficiency, the CONTRACTOR shall be required to replace the field crew member in question with another qualified crew member.

Equipment. The equipment used shall consist of a vehicle mounted tank, pump, hand gun and sponge type applicator, plus any other accessories needed to complete the specified work. Equipment used by the CONTRACTOR shall not cause rutting within the native restoration area.

Prior to beginning work, the CONTRACTOR shall obtain approval from the ENGINEER for the application equipment proposed for completing this work. The proposed equipment shall be in operational condition and available for inspection by the ENGINEER at least two (2) weeks prior to the proposed starting time. If requested by the ENGINEER, the CONTRACTOR shall demonstrate the calibration of the equipment.

The equipment must provide consistently uniform coverage and keep the herbicide mixture sufficiently agitated or the work will be suspended until the equipment is repaired or replaced.

Application methods shall follow product label specifications. Care shall be taken not to damage any non-target species.

The CONTRACTOR shall be responsible for positively identifying all target species before they are treated with herbicide. Care should be taken to prevent non-target species impacts from excessive herbicide drift. Damage to large areas of non-target species shall require the CONTRACTOR to restore these areas to the pre-damage conditions at the CONTRACTOR's expense.

During and after each herbicide application, the area shall be posted with signs stating that herbicide has been applied in the area. Signs shall be posted prior to herbicide application and shall remain in place for at least 24 hours after treatment. The CONTRACTOR shall supply the signs.

The ENGINEER reserves the right to cease herbicide applications if proper precautions are not followed, or if weather conditions prohibit proper application.

Weather Conditions. The CONTRACTOR shall adhere to the following protocol when determining whether conditions are appropriate for chemical application:

- A. Wind speeds within the label specifications at the project site.
- B. If the chance of precipitation is 40% or greater, the CONTRACTOR shall call the ENGINEER 24 hours in advance of the predicted weather to discuss work for the day in question.
- C. The CONTRACTOR shall not apply herbicide if the likelihood of precipitation is greater than 50% within the next 12 hours, unless otherwise authorized by the ENGINEER.

- D. If weather conditions are questionable, the decision to proceed shall be left to the discretion of the ENGINEER.

General Herbicide Application. A NPDES permit determination and EcoCat consultation shall be completed by the CONTRACTOR for all herbicide applications. All herbicides shall be applied according to the manufacturer's label specifications. All herbicides shall be applied with a non-ionic surfactant. Extreme caution shall be used to prevent over-application of herbicides and non-target kill in the Work Site. Aquatic approved herbicides shall be used where applicable according to label specifications.

Before proceeding, the CONTRACTOR shall provide the ENGINEER with a list of herbicides, surfactants, water conditioners, dyes, pH balancers, and other chemicals and adjuvants to be used for implementation of this project.

The CONTRACTOR shall not apply herbicide if precipitation is expected within the window of time that the herbicide mix is considered rainfast (consult herbicide and surfactant labels and recommendations) or if heavy precipitation has resulted in an extremely wet soil surface (i.e. snow, standing water or puddles on the soil surface). Application shall be postponed until the next period of time when conditions are appropriate for herbicide application. If snow amounts cover the cut stump no herbicide application shall occur unless the snow is removed down to the ground surface. If weather conditions are questionable, the decision to proceed shall be left to the discretion of the ENGINEER.

Herbicides shall be applied by a State of Illinois licensed applicator or licensed operator working under the direct (on site) supervision of a licensed applicator. It is required for all applicators and operators working for the CONTRACTOR to have on file with the ENGINEER a copy of their herbicide licenses. The CONTRACTOR shall have on site at all times the appropriate material safety data sheets (MSDS) for all substances utilized in the fulfillment of this Contract. No herbicides shall be mixed or loaded on the Project Area. A supply of chemical absorbent shall be maintained at the Project Area. Any chemical spills shall be cleaned up and immediately reported to the ENGINEER and VILLAGE.

For all target woody species, herbicides shall be applied to the freshly cut surface and down to the root collar, or to growing leaves for foliar application, as per label specifications.

Herbicide Application Areas. This work includes treating areas of various widths and gradients. Herbicide areas may require usage of a wick or sponge type applicator.

Exclusion of Treatment Areas. Areas where weed control application is inappropriate or detrimental to the environment, desirable plantings or private property shall be excluded from the treatment area. Areas to be excluded from clearing and treatment, prairie remnants, areas occupied by threatened or endangered species and other high quality natural areas as determined by the ENGINEER, shall be identified prior to the start of the work.

Herbicide treatments will not be permitted where the chemical label prohibits application.

The CONTRACTOR shall exclude application in the vicinity of desirable woody or perennial plants within the treatment area at the ENGINEER's discretion.

Responsibility for Prevention of Damage to Private Property. The CONTRACTOR shall, at all times, exercise extreme caution to prevent damage to residential plantings, flower or vegetable gardens, farm crops or desirable plants.

The Contractor will be allowed to skip areas which he/she determines cannot be successfully treat without the possibility of damaging vegetation or other private property in the vicinity of the application work. Prior to skipping an area, the Contractor shall obtain the Engineer's approval and agree to a proposed reduction or substitution of the treatment area.

Complaint Resolution. If the Contractor or Engineer receives a complaint, the Contractor shall contact a complainant within ten (10) days after receiving a claim for damages, either in person or by letter. The Contractor, or his authorized representative, shall make a personal contact with complainant within twenty (20) days. The Engineer shall also be notified by the Contractor of all claims for damages he received and shall keep the Engineer informed as to the progress in arriving at a settlement for such claims.

Communication with the Engineer. The Contractor is required to communicate with the Engineer to receive all required approvals in a timely way and to assure that the Engineer can accurately document the work performed.

It shall be the Contractor's responsibility to assure that all chemical containers are opened and added to the herbicide mixture in the presence of the Engineer. The Contractor shall obtain approval from the Engineer to proceed with treating at each location 24 hours prior to the proposed herbicide operations so that the Engineer may be present.

Record Keeping. An Herbicide Record Sheet for each application shall be kept and a final report submitted to the Engineer. This record of application shall document, at the time of each herbicide application, temperature range, percent humidity, wind speed and direction, last precipitation event and amount, type of herbicide used, amount of herbicide used, and number of hours worked during each application.

The staging area does not have electricity or water. Mixing, loading and rinsing of equipment and herbicide containers shall take place off-site.

Control Method and Schedule.

Initial Cut Stump

For cut stumps of all species excluding Honeysuckles (*Lonicera spp.*) the Contractor shall use a 25% solution of Triclopyr herbicide (e.g., Garlon 4) in basal oil, as per label specification. Black locust, if encountered shall be treated with Transline or equivalent herbicide in accordance with manufacturer's recommendations. Diesel fuel, fuel oils, and kerosene shall not be used as carriers for cut stump herbicide treatments. Herbicide shall be applied to the cambium adjacent to the outer bark on freshly cut stumps. Stumps shall be treated immediately (within 30 minutes) after cutting. The herbicide application used on cut stumps shall be a wick or sponge application.

For cut stumps of Honeysuckles (*Lonicera spp.*) the Contractor shall use a 50% to 100% solution of a Glyphosate active ingredient herbicide i.e. Round-Up, Ranger Pro, Aquamaster etc. Herbicide shall be applied to the cambium adjacent to the outer bark on freshly cut stumps. Stumps shall be treated immediately (within 30 minutes) after cutting. The herbicide application used on cut stumps shall be a wick or sponge application.

All girdled trees shall have herbicide applied to the inside of the girdle ring. The Contractor shall use a 25% solution of Triclopyr herbicide (e.g., Garlon 4) in basal oil, as per label specification to girdled trees.

If precipitation is expected within the next 12 hours or heavy rains have resulted in an extremely wet soil surface (i.e., standing water or puddles on the soil surface) herbicide application shall be postponed to the next dry 12-hour period. If weather conditions are questionable, the decision to proceed shall be at the discretion of the Engineer.

Herbicide Control of Exotic and Invasive Woody Species

The following lists the main species of concern, however it is the intent to remove non-native species from the site. It is expected that the Contractor will endeavor to cut and treat non-native and select invasive species for overall project goals to be met.

Botanical Name	Common Name	Control Techniques
<i>Rhamnus spp.</i>	Buckthorn	Cut and apply Garlon 3A to stumps of larger specimen throughout the year (except spring). For saplings or resprouts, apply Garlon 3A to basal bark in fall. If growing in water, use Rodeo instead of Garlon 3A. For honeysuckles (<i>Lonicera</i> spp.) the Contractor shall use a 50% to 100% solution of a Glyphosate.
<i>Lonicera x bella</i>	Honey Suckle	
<i>Cornus racemosa</i>	Gray dogwood	
<i>Populus deltoids</i>	Cottonwood	
<i>Lythrum salicaria</i>	Purple loosestrife	Herbicide application with RoundUp or Rodeo (if growing in or near water) while flowering in preferably in June or July
<i>Phalaris arundinacea</i>	Reed Canary grass	Herbicide application with Garlon 3A, RoundUp or Rodeo (or mow and remove clippings). Regrow to 12", herbicide again
<i>Pragmites australis</i>	Common reed	Late summer herbicide (RoundUp or Rodeo) treatment burning in mid to late fall, and herbicide again.
<i>Typha latifolia, angustifolia and x glauca</i>	Common cattail	Herbicide with Rodeo preferably in June or July and burn to remove dead stems. Retreat as necessary.
<i>Dipsacus sylvestris and lanciniatus</i>	Teasel	Application of triclopyr (Garlon 3A) to basal rosettes during the growing season before the plants bolt.
<i>Cirsium arvense</i>	Field Thistle	Herbicide application with RoundUp while flowering, preferably in June or July.
<i>Ambrosia trifida</i>	Giant Ragweed	Herbicide application with RoundUp while flowering, preferably in July or August.
<i>Polygonum cuspidatum</i>	Japanese Knotweed	Herbicide application with RoundUp while flowering, preferably in August or September.

Melilotus sp.	Sweet Clover	Herbicide application with RoundUp while flowering, preferably in June or July.
Allairia petiolata	Garlic Mustard	Hand pulling and discard offsite.

The restoration area shall have less than (\leq) 20% cumulative average cover by exotic and invasive species including but not limited to the following species:

American Silver-Berry	(Elaeagnus commutata)
Ash-Leaf Maple	(Acer negundo)
Asian Bittersweet	(Celastrus orbiculatus)
Black Swallow-Wort	(Vincetoxicum nigrum)
Garden Bird's-Foot-Trefoil	(Lotus corniculatus)
Black Locust	(Robinia pseudoacacia)
Bradford Pear	(Pyrus calleryana)
Brittle Waternymph	(Najas minor)
Bull Thistle	(Cirsium vulgare)
Lesser Burdock	(Arctium minus)
Canadian Goldenrod	(Solidago canadensis)
Canadian Thistle	(Cirsium arvense)
Chinese Yam	(Discorea oppositifolia)
Chinese Silver Grass	(Miscanthus sinensis)
Common Reed	(Phragmites australis)
Common Water-Hyacinth	(Eichhornia crassipes)
Crack Willow	(Salix fragilis)
Creeping-Jenny	(Lysimachia nummularia)
Crownvetch	(Securigera varia)
Curly Pondweed	(Potamogeton crispus)
Eurasian-Buttercup	(Ficaria verna)
Eurasian Water-Milfoil	(Myriophyllum spicatum)
European Barberry	(Berberis vulgaris)
European Buckthorn	(Rhamnus cathartica)
Garlic-Mustard	(Alliaria petiolata)
Giant Hogweed	(Heracleum mantegazzianum)
Glossy False Buckthorn	(Frangula alnus)
Greater Flowering-Rush	(Butomus umbellatus)
Hedge-Parsley	(Torilis spp.)
Japanese Barberry	(Berberis thunbergii)
Japanese Bristle Grass	(Setaria faberi)
Japanese Honeysuckle	(Lonicera japonica)
Japanese Hop	(Humulus japonica)
Japanese-Knotweed	(Reynoutria japonica)
Japanese Stilt Grass	(Microstegium vimineum)

Jetbead	(Rhodotypos scandens)
Kudzu	(Puereria montana)
Leafy Spurge	(Euphorbia esula)
Littleleaf Linden	(Tilia cordata)
Morrow's Honeysuckle	(Lonicera morrowii)
Mother-of-the-Evening	(Hesperis matronalis)
Nodding Plumeless-Thistle	(Carduus nutans)
Privet	(Ligustrum spp.)
Purple Loosestrife	(Lythrum salicaria)
Ragweed	(Ambrosia spp.)
Rambler Rose	(Rosa multiflora)
Reed Canary Grass	(Phalaris arundinacea)
Reed Manna Grass	(Glyceria maxima)
Russian Olive	(Elaeagnus angustifolia)
Sandbar Willow	(Salix interior)
Seaside Goldenrod	(Solidago sempevirens)
Showy Fly-Honeysuckle	(Lonicera x bella)
Spotted knapweed	(Centaurea stoebe subsp. micranthos)
Tall Goldenrod	(Solidago altissima)
Teasel	(Dipsacus spp.)
Tree-of-Heaven	(Ailanthus altissima)
Twinsisters	(Lonicera tatarica)
Watercress	(Nasturtium officinale)
Water-lettuce	(Pistia stratiotes)
Wild Parsnip	(Pastinaca sativa)
Winged Spindletree	(Euonymus alatus)
Yellow Sweet-Clover	(Melilotus officinalis)

In addition to herbicide applications, the Contractor is responsible for stopping seed reproduction in herbaceous target species by a supplemental cutting of seed heads prior to seed set, if applicable. This work will be included in the cost of the application of herbicide.

Growing Season Herbicide Application

There shall be a follow-up application of herbicide to any resprouts/regrowth of the target species during the summer of the same year after the initial cutting and stump herbicide application. For all follow-up treatments, herbicide shall be applied to growing leaves using a wick applicator. Caution must be taken to avoid over-application and runoff.

The herbicide application used on re-sprouts of all species shall be a foliar wick application of 25-30% solution of Triclopyr, Garlon 3A (or approved equivalent), in water, as per label specifications. For all follow-up treatments herbicide shall be applied to growing leaves, stems, and base of resprouts utilizing a wick applicator. Caution must be taken to avoid over-application and runoff.

The Contractor shall initiate follow-up foliar application when resprout growth has reached a height of 3 inches to 6 inches (3" to 6") and enough leaf tissue is present to apply herbicide. It is crucial that the Contractor treat resprouts when they are in the 3" to 6" height range. Herbicide applications made

after this state become more difficult, utilize more herbicide, and are much more likely to impact non-target species.

The Contractor shall initiate small stem foliar application when plant growth has resulted in enough leaf tissue to effectively apply the herbicide.

If the specified percent removal for each target woody species is effectively killed after the initial resprout treatment, the Engineer will approve successful completion of the Contract after inspection. If less than the specified percent removal is achieved, an additional re-sprout / small stem treatment(s) shall occur.

WEED CONTROL NON-SELECTIVE AND NON-RESIDUAL

Description. This work consists of furnishing, transporting and storing, and applying a non-selective and nonresidual herbicide (Roundup Pro or equal) for control of invasive species in upland areas in accordance with the special provision for GENERAL REQUIREMENTS FOR WEED CONTROL.

Materials. The non-selective and non-residual herbicide (Roundup Pro or equal) shall have the following formulation:

Active Ingredient

Glyphosate*, N-(phosphonomethyl) glycine,	53.8%
isopropylamine salt	
Inert Ingredients	<u>46.2%</u>
Total	100.00%

*Contains 5.4 pounds per gallon glyphosate, isopropylamine salt
(4 pounds per gallon glyphosate acid)

The CONTRACTOR shall submit a certificate, including the following, prior to starting work:

1. The chemical names of the compound and the percentage by weight of the ingredients which must match the above specified formulation.
2. A statement that the material is in a solution which will form a satisfactory emulsion for use when diluted with water for normal herbicide application conditions.
3. A statement that Roundup Pro or equal, when mixed with water, will be completely soluble and dispersible and remain in suspension with continuous agitation.
4. A statement describing the products proposed for use when the manufacturer of Roundup Pro or equal requires that surfactants, drift control agents, or other additives be used with this product. These tank mix additives shall be used as specified by the manufacturer. Required additives will not be paid for separately.

All material shall be brought to the herbicide application area in the original, unopened containers supplied by the manufacturer.

Application Rate. The Roundup Pro or equal non-selective and non-residual herbicide shall be applied at the rate specified on the label. Roundup Pro or equal formulation shall be diluted at the rate specified on the label and applied as a mixture. Water for dilution of the mixture will not be paid for

separately. For the purposes of this project, the CONTRACTOR shall apply as many applications of herbicide as necessary to attain at least 95% kill rate for identified species.

Method of Measurement: This work will not be measured for payment.

Basis of Payment: The cost of WEED CONTROL NON-SELECTIVE AND NON-RESIDUAL will not be paid for directly but shall be considered as included in the price for MAINTENANCE AND MONITORING PLAN.

WEED CONTROL SELECTIVE (WOODY PLANTS AND BROADLEAF)

Description. This work consists of furnishing, transporting and storing, and applying selective and non-residual herbicide on woody plants and teasel. For the purposes of this project, the CONTRACTOR shall apply as many applications of herbicide as necessary to attain a 100% kill rate for identified species in accordance with the special provision for GENERAL REQUIREMENTS FOR WEED CONTROL.

Materials. The selective and non-residual herbicide (Garlon 3A or equal) for control of woody plants and broadleaf weeds shall have the following formulation:

Active Ingredient

Triclopyr*: 3,5,6,- Trichloro-2-Pyridinyloxyacetic Acid,	
Triethylamine salt	44.4%
Inert Ingredients	<u>56.6%</u>
Total	100.00%

*Acid Equivalent: Triclopyr- 31.8%- 3 lbs./Gallon

The CONTRACTOR shall submit a certificate, including the following, prior to starting work:

1. The chemical names of the compound and the percentage by weight of the ingredients which must match the above specified formulation.
2. A statement that the material is in a solution which will form a satisfactory emulsion for use when diluted with water for normal herbicide application conditions.
3. A statement that Garlon 3A or equal, when mixed with water, will be completely soluble and dispersible and remain in suspension with continuous agitation.
4. A statement describing the products proposed for use when the manufacturer of Garlon 3A or equal requires that surfactants, drift control agents, or other additives be used with this product. These tank mix additives shall be used as specified by the manufacturer. Required additives will not be paid for separately.

The Garlon 3A shall be applied on cut stumps in fall or dormant season. This method can be applied between September 1 and February 28. Stumps shall be treated the same day they were cut. If the shrubs are growing in water, stumps will be treated on the same day they were cut using Rodeo at the manufacturer's recommended concentration for target species. All applications of herbicide shall be done by wick or sponge-type applicators in the wetland areas. The face and two inches (2") down the cut stump shall be treated. All material shall be brought to the herbicide application area in the original, unopened containers supplied by the manufacturer.

Application Rate. The Garlon 3A, or equal selective and non-residual herbicide shall be applied at the rate specified on the label.

Garlon 3A or equal formulation shall be diluted at the rate specified on the label and applied as a mixture. Water for dilution of the mixture will not be paid for separately.

Method of Measurement: This work will not be measured for payment.

Basis of Payment: The cost of WEED CONTROL SELECTIVE (WOODY PLANTS AND BROADLEAF) will not be paid for directly but shall be considered as included in the price for MAINTENANCE AND MONITORING PLAN.

PROGRESS SCHEDULES

Progress schedules will be required to be provided by the CONTRACTOR:

Initial Project Overview

At the preconstruction meeting, the CONTRACTOR shall submit to the ENGINEER for his acceptance, a detailed program indicating the breakdown of activities, order, and time scale allocated to complete the works on a **week by week basis**, in accordance with applicable portions of Sections 108 of the Standard Specifications.

The CONTRACTOR is advised that this program must accurately represent the sequencing, methods, activities and timing of the proposed works, and must contain sufficient detail to inform the ENGINEER how and when these works are proposed to be undertaken.

Please note the CONTRACTOR's responsibility to provide construction notifications and ensure that adequate notice is provided for within the progress schedule.

Start of Construction through Project Completion

From commencement on site, the CONTRACTOR shall submit a revised program (Actual Program) for each two-week period to accurately reflect what proposed work is to be undertaken. Each Actual Program will be submitted at the weekly progress meeting.

The Actual Program shall be a detailed program indicating the breakdown of activities, order, and time scale allocated to complete the works on a **day by day basis** for the approval of the ENGINEER, in accordance with applicable portions of Sections 108 of the Standard Specifications. This Program shall include the Critical Path items for all three project locations.

In the event that this program is delayed, interrupted, or abandoned in any event including that of inclement weather, the CONTRACTOR will submit immediately, a revised program indicating the works to be carried out for the remaining days of the two-week period.

Please note the CONTRACTOR's responsibility to provide construction notifications and ensure that adequate notice is provided for within the progress schedule.

For this project, weekly progress meetings will be scheduled to discuss schedules and construction related issues. These meetings must be attended by the Project Superintendent.

CONSTRUCTION DEBRIS

EFFECTIVE OCTOBER 18, 1999

Add the following to the third paragraph of Article 202.03 of the Standard Specifications:

“The CONTRACTOR shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, owner, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the CONTRACTOR for 3 years.

Tab 2

CONSTRUCTION FORMS

CONFORMITY WITH CONTRACT

The Contractor (and his/her subcontractors) shall be responsible for reviewing the Standard Specifications, Plans, and Special Provisions prior to beginning work on any pay item. The Contractor shall pay special attention to Article 105.03 of the IDOT Standard Specifications and this special provision.

Work completed on any pay item which does not conform to the specifications shall be rejected and payment withheld until the item has been corrected or replaced to the satisfaction of the Owner/Engineer.

Non-conformity shall include but not be limited to use of non-approved suppliers and/or materials, defaced concrete work, improper installation of plant materials, not saw cutting prior to removing items, and unloading excess concrete/asphalt in the curb line or parkway.

Non-conformance shall also include work incidental to each pay item including replacement of sprinklers and re-setting mailboxes and street signs.

All work found to be in non-conformance shall be replaced at the Contractor's expense and no time extensions shall be allowed to correct the work. All non-conforming work will require the "Notice-Compliance" form to be filled out and signed by the Contractor and Engineer.

VILLAGE OF GLENDALE HEIGHTS
NOTICE OF NON-COMPLIANCE

Project: _____

General Contractor: _____

Sub Contractor: _____

Date: _____

Pay Item No. _____

Pay Item _____

Location (Street): _____

Station: _____

Description of Non-Compliance: _____

Direction of Engineer: _____

Contractor Explanation: _____

Printed Name of Contractor's Foreman: _____

Signature: _____

Printed Name of Engineer: _____

Signature: _____



NPDES Site Observation Report for ILR10 (Developer Inspection)

General Information		
Project Name	Approximate Acreage:	
Operator		
Project Location		
Date of Site Visit	NPDES Permit No. ILR10	
Observer's Name(s) & Title(s)		
Construction phase(s) at time of visit	<input type="checkbox"/> Pre-Construction <input type="checkbox"/> Land Development <input type="checkbox"/> Vertical Construction <input type="checkbox"/> Roadway Construction <input type="checkbox"/> Post Construction <input type="checkbox"/> Other:	
Type of Site Visit:		
<input type="checkbox"/> Routine <input type="checkbox"/> Post-Storm Event <input type="checkbox"/> Other:		
Weather Information		
Estimated end date of most recent $\geq 0.5"$ rain event (or equivalent snowfall):		
Site Observations – Describe Location and Recommend Corrective Measures on Back Page		

No.	BMP/Activity	Implemented & Maintained
1	Are discharge points and receiving waters free of sediment deposits and other pollutants?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
2	Have BMPs specified in the SWPPP been installed and maintained?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
3	Has the SWPPP been updated to reflect the current conditions on site?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
4	Are outlets protected/stabilized?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
5	Have stormwater management systems been constructed, stabilized, and verified to be functioning appropriately?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
6	Are Special Management Areas (e.g., creeks, wetlands, buffers, etc.) adequately protected?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
7	Are storm drain inlets adequately protected?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
8	Have all idle, disturbed areas been stabilized within 14 days of cessation of construction activities in that area (or more restrictive time period per local ordinance requirement)?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
9	Are erodible stockpiles (e.g., topsoil) properly located and adequately protected?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
10	Are washout facilities (e.g., concrete washouts, etc.) available and maintained?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
11	Is waste, including building materials and construction debris, collected and placed in approved receptacles?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
12	Are non-stormwater discharges (e.g., dewatering) properly controlled?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
13	Are vehicle and equipment fueling, cleaning, and maintenance areas free of spills, leaks, or any other potential pollutants?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
14	Are portable toilets, material storage areas, and materials that are potential stormwater contaminants managed appropriately?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
15	Are stabilized entrances installed and are adjacent roads clear of sediment?	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A
16	Other, based on site conditions:	<input type="checkbox"/> Yes <input type="checkbox"/> Action Item <input type="checkbox"/> N/A



Overweight Permits Guide for Village Contractors

The Glendale Heights Police department CMV Safety and Enforcement unit strictly enforces overweight, over dimension, and truck safety violations. This quick guide was created to assist village contractors with obtaining overweight permits to comply with State law and village ordinances. Companies contracting with the Village of Glendale Heights have the permit fee's waived. Our third party permitting system, "OxCart" does charge a small fee for permit processing which the village is unable to waive.

Two types of permits may need to be obtained for your work. Either a 5 Ton Weight restricted street permit or an overweight/ over dimension permit. The two types of permits have been listed in detail below.

5 Ton Weight Restricted streets

1. Overweight permits are needed for all vehicles and combination of vehicles (I.E a truck and trailer) exceeding 10,000 lbs GVWR, registered weight, or Actual Weight on any posted village residential streets. There will be a "no truck" or "Weight Limit 5 Tons" posted upon entering the area.

To determine maximum weight of the towing vehicle and trailer for the total combined combination weight. Example: A Pickup registered with a "D" license plate plus a "TE" trailer plate. "D" plate is 12,000 lbs plus the 14,000 lbs for the "TE" plates would be 26,000 max registered weight.

2. Delivery and pickup of product of material to the worksite does not required permits as long as the vehicle is in compliance with all state weight regulations. (*Example – concrete, hot asphalt, spent asphalt*). Construction equipment is NOT considered a local delivery.

3. Parking of vehicles exceeding the 5 Ton weight limit is prohibited on restricted streets unless a permit has been obtained.

Movements of Overweight / Over dimension Vehicles in excess of state law

State, County, and Glendale Heights overweight permits are required for any vehicles exceeding weights or dimensions authorized by Illinois Compiled statutes 625 ILCS 5/15-102 (width), 625 ILCS 5/15-103 (height), 625 ILCS 5/15-107 (length), 625 ILCS 5/15-111 (weight).

In summary, the normal weight allowances are as follows (Exceptions apply)

1. 20,000 lbs on a single axle
2. 34,000 lbs on a tandem of axles
3. 80,000 maximum gross weight allowed
4. Federal / State Bridging formula applies.

In summary the normal width, height, and length limits are as follows:

1. 13 feet 6 inches in width
2. 13 feet 6 inches in height
3. 55 – 60 feet maximum length.

Permits are obtained online at www.oxcartpermits.com

1. Sign up for an account
2. Selected Glendale Heights as the agency
3. Select 5 Ton Weight restricted streets only for permits on 5 Ton streets
4. Select Overweight/over dimension for any move exceeding state limits.
5. In the notes sections list "Village contract work"
6. A fee will show up and a credit card will be requested.
7. Before approval, the CMV Officer will change the permit fee to zero.
8. You will receive an approval and need to go back into oxcart and pay the OxCart service fee (3rd party service). The initial permit fee will show as zero.
9. Permit requests for the same day of issuance will incur a \$50 rush fee which is not waived. Please apply for the permits at least 1 day before the movement.

Our village ordinances regarding overweight / oversize vehicles can be reviewed online at:

<https://www.glendaleheights.org/police/oversizepermit.asp>

If you have any questions, please contact our Commercial Vehicle Safety and Enforcement unit at 630-260-6070. You can also reach them by email at Zachary_pugh@glendaleheights.org or Jorge_munoz@glendaleheights.org.



Community Development Department

300 Civic Center Plaza, Glendale Heights, Illinois 60139

Main: 630-260-6030, FAX: 630-260-1317

Email: permits@glendaleheights.org

CONTRACTOR REGISTRATION APPLICATION

REGISTRATION INFORMATION

REGISTRATION TYPE:

☐ NEW REGISTRATION

☐ RENEW REGISTRATION

TRADE(S):

- ☐ ASPHALT ☐ CARPENTRY ☐ CONCRETE ☐ ELECTRIC ☐ FENCE
☐ FIRE PROTECTION ☐ GENERAL CONTRACTOR ☐ HVAC / MECHANICAL
☐ LANDSCAPE ☐ PLUMBING ☐ ROOFING ☐ SIGN ☐ SOLAR ☐ UTILITY
☐ WINDOW ☐ OTHER / SPECIALTY _____

COMPANY AND APPLICANT INFORMATION

COMPANY NAME: _____

COMPANY ADDRESS: _____

APPLICANT NAME: _____

PHONE: _____

APPLICANT ROLE:

☐ OWNER

☐ EMPLOYEE

☐ AGENT

EMAIL: _____

ADDITIONAL APPLICATION REQUIREMENTS

1. Provide a \$20,000 surety bond for every contractor registration application. *Plumbing exempt.
2. Payment of fee. Contractors = \$75.
3. For Plumbers, Roofers and Fire Protection contractors, provide a copy of active and up-to-date State of Illinois license. For Electricians, provide a copy of active and up-to-date license issued by approved municipal corporation.
4. The above listed contractors shall have registration fee waived.


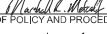
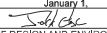
I do hereby attest that the information provided is true and accurate to the best of my knowledge.

APPLICANT SIGNATURE: _____

DATE: _____

Tab 3

ABV	ABOVE	CU YD	CUBIC YARD	HATCH	HATCHING	PM	PAVEMENT MARKING	STD	STANDARD
A/C	ACCESS CONTROL	CULV	CULVERT	HD	HEAD	PED	PEDESTAL	SBI	STATE BOND ISSUE
AC	ACRE	C&G	CURB & GUTTER	HDW	HEADWALL	PNT	POINT	SR	STATE ROUTE
ADJ	ADJUST	D	DEGREE OF CURVE	HDUTY	HEAVY DUTY	PC	POINT OF CURVATURE	STA	STATION
AS	AERIAL SURVEYS	DC	DEPRESSED CURVE	ha	HECTARE	PI	POINT OF INTERSECTION OF HORIZONTAL CURVE	SPBGR	STEEL PLATE BEAM GUARDRAIL
AGG	AGGREGATE	DET	DETECTOR	HMA	HOT MIX ASPHALT			SS	STORM SEWER
AH	AHEAD	DIA	DIAMETER	HWY	HIGHWAY	PRC	POINT OF REVERSE CURVE	STY	STORY
APT	APARTMENT	DIST	DISTRICT	HORIZ	HORIZONTAL	PT	POINT OF TANGENCY	ST	STREET
ASPH	ASPHALT	DOM	DOMESTIC	HSE	HOUSE	POT	POINT ON TANGENT	STR	STRUCTURE
AUX	AUXILIARY	DBL	DOUBLE	IL	ILLINOIS	POLYETH	POLYETHYLENE	e	SUPERELEVATION RATE
AGS	AUXILIARY GAS VALVE (SERVICE)	DSEL	DOWNSTREAM ELEVATION	IMP	IMPROVEMENT	PCC	PORTLAND CEMENT CONCRETE	S.E. RUN.	SUPERELEVATION RUNOFF LENGTH
AVE	AVENUE	DSFL	DOWNSTREAM FLOWLINE	IN DIA	INCH DIAMETER	PP	POWER POLE OR PRINCIPAL POINT	SURF	SURFACE
AX	AXIS OF ROTATION	DR	DRAINAGE OR DRIVE	INL	INLET	PRM	PRIME	SMK	SURFACE MARKER
BK	BACK	DI	DRAINAGE INLET OR DROP INLET	INST	INSTALLATION	PE	PRIVATE ENTRANCE	T	TANGENT DISTANCE
B-B	BACK TO BACK	DRV	DRIVEWAY	IDS	INTERSECTION DESIGN STUDY	PROF	PROFILE	T.R.	TANGENT RUNOUT DISTANCE
BKPL	BACKPLATE	DCT	DUCT	INV	INVERT	PGL	PROFILE GRADELINE	TEL	TELEPHONE
B	BARN	EA	EACH	IP	IRON PIPE	PROJ	PROJECT	TB	TELEPHONE BOX
BARR	BARRICADE	EB	EASTBOUND	IR	IRON ROD	P.C.	PROPERTY CORNER	TP	TELEPHONE POLE
BL	BASELINE	EOP	EDGE OF PAVEMENT	JT	JOINT	PL	PROPERTY LINE	TEMP	TEMPORARY
BGN	BEGIN	E-CL	EDGE TO CENTERLINE	kg	KILOGRAM	PR	PROPOSED	TBM	TEMPORARY BENCH MARK
BM	BENCHMARK	E-E	EDGE TO EDGE	km	KILOMETER	R	RADIUS or RESIDENTIAL	TD	TILE DRAIN
BIND	BINDER	ELEC	ELECTRICAL	LS	LANDSCAPING	RR	RAILROAD	TBE	TO BE EXTENDED
BIT	BITUMINOUS	EL	ELEVATION	LN	LANE	RRS	RAILROAD SPIKE	TBR	TO BE REMOVED
BTM	BOTTOM	ENTR	ENTRANCE	LT	LEFT	RPS	REFERENCE POINT STAKE	TBS	TO BE SAVED
BLVD	BOULEVARD	EXC	EXCAVATION	LIDAR	LIGHT DETECTION AND RANGING	REF	REFLECTIVE	TWP	TOWNSHIP
BRK	BRICK	EX	EXISTING	LP	LIGHT POLE	RCCP	REINFORCED CONCRETE CULVERT PIPE	TR	TOWNSHIP ROAD
BBOX	BUFFALO BOX	EXPWAY	EXPRESSWAY	LGT	LIGHTING	REINF	REINFORCEMENT	TS	TRAFFIC SIGNAL
BLDG	BUILDING	E	EXTERNAL DISTANCE OF HORIZONTAL CURVE	LF	LINEAL FEET OR LINEAR FEET	REM	REMOVAL	TSCB	TRAFFIC SIGNAL CONTROL BOX
CATV	CABLE	E	OFFSET DISTANCE TO VERTICAL CURVE	L	LITER OR CURVE LENGTH	RC	REMOVE CROWN	TSC	TRAFFIC SYSTEMS CENTER
CIP	CAST IRON PIPE	F-F	FACE TO FACE	LC	LONG CHORD	REP	REPLACEMENT	TRVS	TRANSVERSE
CB	CATCH BASIN	FA	FEDERAL AID	LNG	LONGITUDINAL	REST	RESTAURANT	TRVL	TRAVEL
C-C	CENTER TO CENTER	FAI	FEDERAL AID INTERSTATE	L SUM	LUMP SUM	RESURF	RESURFACING	TRN	TURN
CL	CENTERLINE OR CLEARANCE	FAP	FEDERAL AID PRIMARY	MACH	MACHINE	RET	RETAINING	TY	TYPE
CL-E	CENTERLINE TO EDGE	FAS	FEDERAL AID SECONDARY	MB	MAIL BOX	RT	RIGHT	T-A	TYPE A
CL-F	CENTERLINE TO FACE	FAUS	FEDERAL AID URBAN SECONDARY	MH	MANHOLE	ROW	RIGHT-OF-WAY	TYP	TYPICAL
CTS	CENTERS	FP	FENCE POST	MATL	MATERIAL	RD	ROAD	UNDGND	UNDERGROUND
CERT	CERTIFIED	OPT	FIBER OPTIC	MED	MEDIAN	RDWY	ROADWAY	USGS	U.S. GEOLOGICAL SURVEY
CHSLD	CHISELED	FE	FIELD ENTRANCE	m	METER	RTE	ROUTE	USEL	UPSTREAM ELEVATION
CS	CITY STREET	FH	FIRE HYDRANT	METH	METHOD	SAN	SANITARY	USFL	UPSTREAM FLOWLINE
CP	CLAY PIPE	FL	FLOW LINE	M	MID-ORDINATE	SANS	SANITARY SEWER	UTIL	UTILITY
CLSD	CLOSED	FB	FOOT BRIDGE	mm	MILLIMETER	SEC	SECTION	VBOX	VALVE BOX
CLID	CLOSED LID	FDN	FOUNDATION	mm DIA	MILLIMETER DIAMETER	SEED	SEEDING	VV	VALVE VAULT
CT	COAT OR COURT	FR	FRAME	MIX	MIXTURE	SHAP	SHAPING	VLT	VAULT
COMB	COMBINATION	F&G	FRAME & GRATE	MBH	MOBILE HOME	S	SHED	VEH	VEHICLE
C	COMMERCIAL BUILDING	FRWAY	FREEWAY	MOD	MODIFIED	SH	SHEET	VP	VENT PIPE
CE	COMMERCIAL ENTRANCE	GAL	GALLON	MFT	MOTOR FUEL TAX	SHLD	SHOULDER	VERT	VERTICAL
CONC	CONCRETE	GALV	GALVANIZED	N & BC	NAIL & BOTTLE CAP	SW	SIDEWALK OR SOUTHWEST	VC	VERTICAL CURVE
CONST	CONSTRUCT	G	GARAGE	N & C	NAIL & CAP	SIG	SIGNAL	VPC	VERTICAL POINT OF CURVATURE
CONTD	CONTINUED	GM	GAS METER	N & W	NAIL & WASHER	SOD	SODDING	VPI	VERTICAL POINT OF INTERSECTION
CONT	CONTINUOUS	GV	GAS VALVE	NC	NORMAL CROWN	SM	SOLID MEDIAN	VPT	VERTICAL POINT OF TANGENCY
COR	CORNER	GIS	GEOGRAPHICAL INFORMATION SYSTEM	NB	NORTHBOUND	SB	SOUTHBOUND	WM	WATER METER
CORR	CORRUGATED	GRAN	GRANULAR	NE	NORTHEAST	SE	SOUTHEAST	WV	WATER VALVE
CMP	CORRUGATED METAL PIPE	GR	GRATE	NW	NORTHWEST	SPL	SPECIAL	WMAN	WATER MAIN
CNTY	COUNTY	GRVL	GRAVEL	O/S	OFFSET	SD	SPECIAL DITCH	WB	WESTBOUND
CH	COUNTY HIGHWAY	GND	GROUND	O&C	OIL AND CHIP	SQ FT	SQUARE FEET	WILDFL	WILD FLOWERS
CSE	COURSE	GUT	GUTTER	OLID	OPEN LID	m ²	SQUARE METER	W	WITH
XSECT	CROSS SECTION	GP	GUY POLE	PAT	PATTERN	mm ²	SQUARE MILLIMETER	WO	WITHOUT
m ³	CUBIC METER	GW	GUY WIRE	PVD	PAVED	SQ YD	SQUARE YARD		
mm ³	CUBIC MILLIMETER	HH	HANDHOLE	PVMT	PAVEMENT	STB	STABILIZED		

 Illinois Department of Transportation	
APPROVED <u>January 1, 2026</u>  ENGINEER OF POLICY AND PROCEDURES	ISSUED 1-14-27
APPROVED <u>January 1, 2026</u>  ENGINEER OF DESIGN AND ENVIRONMENT	

DATE	REVISIONS	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS (Sheet 1 of 9)
1-1-26	Updated bike lane symbol, bike	
	shared roadway symbol, and	
	signing items.	
1-1-21	Updated fonts, abbreviations, and symbols.	STANDARD 000001-09

ADJUSTMENT ITEMS		EX	PR
Structure To Be Adjusted			
Structure To Be Cleaned			
Main Structure To Be Filled			
Structure To Be Filled			
Structure To Be Filled Special			
Structure To Be Removed			
Structure To Be Reconstructed			
Structure To Be Reconstructed Special			
Frame and Grate To Be Adjusted			
Frame and Lid To Be Adjusted			
Domestic Service Box To Be Adjusted			
Valve Vault To Be Adjusted			
Special Adjustment			
Item To Be Abandoned			
Item To Be Moved			
Item To Be Relocated			
Pavement Removal and Replacement			

ALIGNMENT ITEMS		EX	PR
Baseline			
Centerline			
Centerline Break Circle			
Baseline Symbol			
Centerline Symbol			
PI Indicator			
Point Indicator			
Horizontal Curve Data (Half Size)	<div>EX, CURVE P.I. STA= Δ= D= R= T= L= E= e= T.R.= S.E. RUN= P.C. STA= P.T. STA=</div>	<div>CURVE P.I. STA= Δ= D= R= T= L= E= e= T.R.= S.E. RUN= P.C. STA= P.T. STA=</div>	

BOUNDARIES ITEMS		EX	PR
Dashed Property Line			
Solid Property/Lot Line			
Section/Grant Line			
Quarter Section Line			
Quarter/Quarter Section Line			
County/Township Line			
State Line			
Chiseled Square Found			
Iron Pipe Found			
Iron Pipe Set			
Survey Marker			
Property Line Symbol			
Same Ownership Symbol (Half Size)			
Northwest Quarter Corner (Half Size)			
Section Corner (Half Size)			
Southeast Quarter Corner (Half Size)			

DRAINAGE ITEMS		EX	PR
Channel or Stream Line			
Culvert Line			
Grading & Shaping Ditches			
Drainage Boundary Line			
Paved Ditch			
Aggregate Ditch			
Pipe Underdrain			
Storm Sewer			
Flowline			
Ditch Check			
Headwall			
Inlet			
Manhole			
Summit			
Roadway Ditch Flow			
Swale			
Catch Basin			
Culvert End Section			
Water Surface Indicator			
Riprap			

HYDRAULICS ITEMS		EX	PR
Overflow			
Sheet Flow			
Hydrant Outlet			

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APPROVED January 1, 2026
ENGINEER OF DESIGN AND ENVIRONMENT

























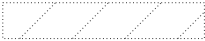
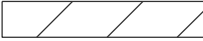
























ISSUED 1-1-27

STANDARD SYMBOLS,
ABBREVIATIONS,
AND PATTERNS

(Sheet 2 of 9)

STANDARD 000001-09

<u>EROSION & SEDIMENT CONTROL ITEMS</u>		<u>EX</u>	<u>PR</u>
Cleaning & Grading Limits			
Dike			
Erosion Control Fence			
Perimeter Erosion Barrier			
Temporary Fence			
Ditch Check Temporary			
Ditch Check Permanent			
Inlet & Pipe Protection			
Sediment Basin			
Erosion Control Blanket			
Fabric Formed Concrete Revetment Mat			
Turf Reinforcement Mat			
Mulch Temporary			
Mulch Method 1			
Mulch Method 2 Stabilized			
Mulch Method 3 Hydraulic			
<u>CONTOUR ITEMS</u>		<u>EX</u>	<u>PR</u>
Approx. Index Line			
Approx. Intermediate Line			
Index Contour			
Intermediate Contour			
<div> Illinois Department of Transportation APPROVED January 1, 2026 ENGINEER OF POLICY AND PROCEDURES APPROVED January 1, 2026 ENGINEER OF DESIGN AND ENVIRONMENT ISSUED 1-1-24 </div>			
<u>NON-HIGHWAY IMPROVEMENT ITEMS</u>		<u>EX</u>	<u>PR</u>
Noise Attn./Levee			
Field Line			
Fence			
Base of Levee			
Mailbox			
Multiple Mailboxes			
Pay Telephone			
Advertising Sign			
*ITS Camera			
Wind Turbine			
Cellular Tower			
*Intelligent Transportation Systems			
<u>LANDSCAPING ITEMS</u>		<u>EX</u>	<u>PR</u>
Contour Mounding Line			
Fence			
Fence Post			
Shrubs			
Mowline			
Perennial Plants			
Seeding Class 2			
Seeding Class 2A			
Seeding Class 4			
Seeding Class 4 & 5 Combined			
<u>EXISTING LANDSCAPING ITEMS (contd.)</u>		<u>EX</u>	<u>PR</u>
Seeding Class 5			
Seeding Class 7			
Seedlings Type 1			
Seedlings Type 2			
Sodding			
Mowstake w/Sign			
Tree Trunk Protection			
Evergreen Tree			
Shade Tree			
<u>LIGHTING</u>		<u>EX</u>	<u>PR</u>
Duct			
Conduit			
Electrical Aerial Cable			
Electrical Buried Cable			
Controller			
Underpass Luminaire			
Power Pole			
<div> STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS (Sheet 3 of 9) </div>			
STANDARD 000001-09			

<u>LIGHTING</u> <u>(contd.)</u>			<u>PAVEMENT MARKINGS</u>		
	<u>EX</u>	<u>PR</u>		<u>EX</u>	<u>PR</u>
Pull Point			Handicap Symbol		
Handhole			RR Crossing		
Heavy Duty Handhole			Raised Marker Amber 1 Way		
Junction Box			Raised Marker Amber 2 Way		
Light Unit Comb.			Raised Marker Crystal 1 Way		
Electrical Ground			Two Way Turn Left		
Traffic Flow Arrow			Shoulder Diag. Pattern		
High Mast Pole (Half Size)			Skip-Dash White		
Light Unit-1			Skip-Dash Yellow		
<u>PAVEMENT (MISC.)</u>			Stop Line		
Keyed Long. Joint			Solid Line		
Keyed Long. Joint w/Tie Bars			Double Centerline		
Sawed Long. Joint w/Tie Bars			Dotted Lines		
Bituminous Shoulder					
Bituminous Taper					
Stabilized Driveway					
Widening					
<div>  Illinois Department of Transportation </div> <div> APPROVED <u>January 1</u> 2026 <i>Markell L. Wood</i> ENGINEER OF POLICY AND PROCEDURES APPROVED <u>January 1</u> 2026 <i>John C. ...</i> ENGINEER OF DESIGN AND ENVIRONMENT </div> <div> ISSUED 1-1-87 </div>			<div> STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS (Sheet 4 of 9) </div> <div> STANDARD 000001-09 </div>		

PAVEMENT MARKINGS (contd.)

EX

PR

CL 2Ln 2Way
RRPM 12.2 m (40') o.c.



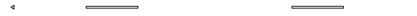
CL 2Ln 2Way
RRPM 80' (24.4 m) o.c.



CL Multilane Div.
RRPM 40' (12.2 m) o.c.



CL Multilane Div.
RRPM 80' (24.4 m) o.c.



CL Multilane Div. Dbl.
RRPM 80' (24.4 m) o.c.



CL Multilane Undiv.



Two Way Turn Left Line



Urban Combination Left



Urban Combination Right



Urban Left Turn Arrow



Urban Right Turn Arrow



Urban Left Turn Only



ONLY



Urban Right Turn Only



ONLY



Urban Thru Only



ONLY



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Urban LT & RT Turn Arrow



Urban Thru Arrow

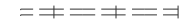


RAILROAD ITEMS

EX

PR

Abandoned Railroad



Railroad



Railroad Point



Control Box



Crossing Gate



Flashing Signal



Railroad Cant. Mast Arm



Crossbuck



REMOVAL ITEMS

EX

PR

Removal Tic



Bituminous Removal



Hatch Pattern



Tree Removal Single



RIGHT OF WAY ITEMS

EX

PR

Future ROW Corner Monument



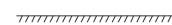
ROW Marker



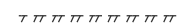
ROW Line



Easement



Temporary Easement



**STANDARD SYMBOLS,
ABBREVIATIONS,
AND PATTERNS**

(Sheet 5 of 9)

STANDARD 000001-09

PAVEMENT MARKINGS
(contd.)

EX

PR

Urban U-Turn



Urban Combined U-Turn



Rural Combination Left



Rural Combination Right



Rural Left Turn Arrow



Rural Right Turn Arrow



Rural Left Turn Only



ONLY ONLY ONLY

Rural Right Turn Only



Rural Thru Only



Rural Thru Arrow



Rural Lt & Rt Turn Arrow



Bike Lane Symbol



Bike Lane Text



Bike Path Shared



Bike Shared Roadway



Lane Drop Symbol



Wrong Way Arrow



Illinois Department of Transportation	
APPROVED <u>Markell M. Webb</u> January 1, 2026 ENGINEER OF POLICY AND PROCEDURES	ISSUED 1-1-07
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**STANDARD SYMBOLS,
ABBREVIATIONS,
AND PATTERNS**

(Sheet 6 of 9)

STANDARD 000001-09

RIGHT OF WAY ITEMS (contd.)

	EX	PR
Access Control Line		
Access Control Line & ROW		
Access Control Line & ROW with Fence		
Excess ROW Line		

ROADWAY PLAN ITEMS

	EX	PR
Cable Barrier		
Concrete Barrier		
Edge of Pavement		
Bit Shoulders, Medians and C&G Line		
Aggregate Shoulder		
Sidewalks, Driveways		
Guardrail		
Guardrail Post		
Traffic Sign		
Corrugated Median		
Impact Attenuator		
North Arrow with District Office (Half Size)		
Match Line		
Slope Limit Line		
Typical Cross-Section Line		

ROADWAY PROFILES

	EX	PR
P.I. Indicator		
Point Indicator		
Earthworks Balance Point		
Begin Point		
Vert. Curve Data		
Ditch Profile Left Side		
Ditch Profile Right Side		
Roadway Profile Line		
Storm Sewer Profile Left Side		
Storm Sewer Profile Right Side		

SIGNING ITEMS

	EX	PR
Cone, Drum or Barricade		
Barricade Type II		
Barricade Type III		
Barricade With Edge Line		
Flashing Light Sign		
Vertical Panels		
Direction of Traffic		
Sign Flag (Half Size)		
Reverse Left W1-4L (Half Size)		
Reverse Right W1-4R (Half Size)		

SIGNING ITEMS (contd.)

	EX	PR
Two Way Traffic Sign W6-3 (Half Size)		
Detour Ahead W20-2(O) (Half Size)		
Left Lane Closed Ahead W20-5L(O) (Half Size)		
Right Lane Closed Ahead W20-5R(O) (Half Size)		
Road Closed Ahead W20-3(O) (Half Size)		
Road Construction Ahead W20-1103(O) (Half Size)		
One Lane Road Ahead W20-4(O) (Half Size)		
Lane Ends W4-2R(O) (Half Size)		
Lane Ends W4-2L(O) (Half Size)		
One Way Arrow Lrg. W1-6-(O) (Half Size)		
Two Way Arrow Large W1-7-(O) (Half Size)		

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

(Sheet 7 of 9)

STANDARD 000001-09

SIGNING ITEMS (contd.)		EX	PR
Detour M4-10L-(O) (Half Size)			
Detour M4-10R-(O) (Half Size)			
One Way Left R6-1L (Half Size)			
One Way Right R6-1R (Half Size)			
Left Turn Lane R3-I100L (Half Size)			
Keep Right R4-7			
Keep Right R4-7AR (Half Size)			
Keep Left R4-8			
Keep Left R4-8AL (Half Size)			
Stop Here On Red R10-6-AL (Half Size)			
Stop Here On Red R10-6-AR (Half Size)			
No Left Turn R3-2 (Half Size)			
No Right Turn R3-1 (Half Size)			
Road Closed R11-2 (Half Size)			
Road Closed Thru Traffic R11-4 (Half Size)			

STRUCTURES ITEMS		EX	PR
Box Culvert Barrel	-----		
Box Culvert Headwall	-----		
Bridge Pier	-----		
Bridge	-----		
Retaining Wall	-----		
Temporary Sheet Piling	~~~~~		

TRAFFIC SHEET ITEMS		EX	PR
Cable Number			
Left Turn Green			
Left Turn Yellow			
Signal Backplate			
Signal Section 8" (200 mm)			
Signal Section 12" (300 mm)			
Walk/Don't Walk Letters			
Walk/Don't Walk Symbols			

TRAFFIC SIGNAL ITEMS		EX	PR
Galv. Steel Conduit	=====		
Underground Cable	-----		
Detector Loop Line		
Detector Loop Large			
Detector Loop Small			
Detector Loop Quadrapole			
Detector Raceway			
Aluminum Mast Arm			
Steel Mast Arm			
Veh. Detector Magnetic			
Conduit Splice			

TRAFFIC SIGNAL ITEMS (contd.)		EX	PR
Controller			
Gulftbox Junction			
Wood Pole			
Temp. Signal Head			
Handhole			
Double Handhole			
Heavy Duty Handhole			
Junction Box			
Ped. Pushbutton Detector			
Ped. Signal Head			
Power Pole Service			
Priority Veh. Detector			
Signal Head			
Signal Head w/Backplate			
Signal Post			
Closed Circuit TV			
Video Detector System			

UNDERGROUND UTILITY ITEMS		EX	PR	ABANDONED
Cable TV	TV ----- CTV ----- CTV ----- CTV ----- CTV -----			- CTV ----- CTV ----- CTV -----
Electric Cable	----- E ----- E ----- E ----- E -----			/ E ----- E -----
Fiber Optic	----- FO ----- FO ----- FO ----- FO ----- F -----			/ FO ----- FO -----
Gas Pipe	----- G ----- G ----- G ----- G -----			/ G ----- G -----
Oil Pipe	----- O ----- O ----- O ----- O -----			/ O ----- O -----
Sanitary Sewer	----- S ----- S ----- S ----- S -----			/ S ----- S -----
Telephone Cable	----- T ----- T ----- T ----- T ----- T -----			- T ----- T ----- T -----
Water Pipe	----- W ----- W ----- W ----- W -----			/ W ----- W -----

Illinois Department of Transportation

APPROVED January 1, 2026
Michael L. Meacham
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2026
Jeffrey C. Choe
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-87

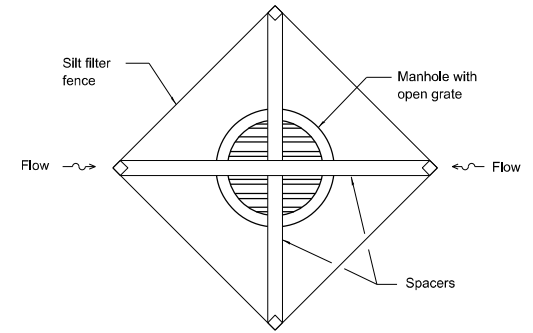
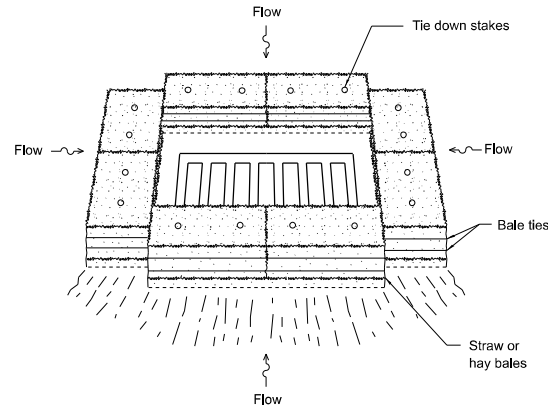
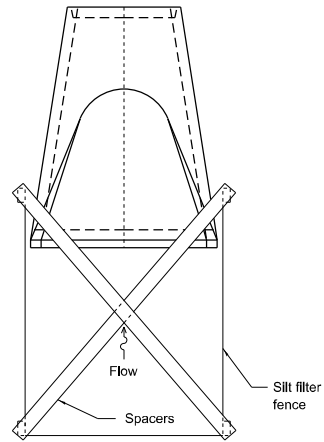
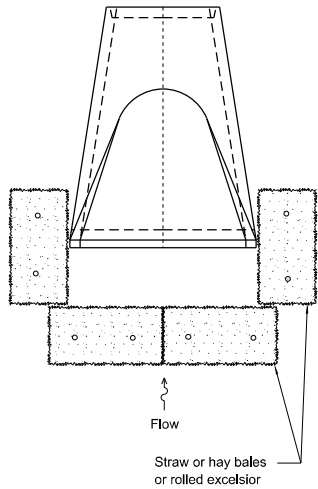
STANDARD SYMBOLS,
ABBREVIATIONS,
AND PATTERNS

(Sheet 8 of 9)

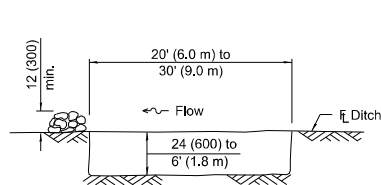
STANDARD 000001-09

UTILITIES ITEMS			VEGETATION ITEMS		
	EX	PR		EX	PR
Controller			Deciduous Tree		
Double Handhole			Bush or Shrub		
Fire Hydrant			Evergreen Tree		
GuyWire or Deadman Anchor			Stump		
Handhole			Orchard/Nursery Line		
Heavy Duty Handhole			Vegetation Line		
Junction Box			Woods & Bush Line		
Light Pole			WATER FEATURE ITEMS		
Manhole				EX	PR
Monitoring Well (Gasoline)			Stream or Drainage Ditch		
Pipeline Warning Sign			Waters Edge		
Power Pole			Water Surface Indicator		
Power Pole with Light			Water Point		
Sanitary Sewer Cleanout			Disappearing Ditch		
Splice Box Above Ground			Marsh		
Telephone Splice Box Above Ground			Marsh/Swamp Boundary		
Telephone Pole					
Traffic Signal					
Traffic Signal Control Box					
Water Meter					
Water Meter Valve Box					
Profile Line					
Aerial Power Line					
<div><div> Illinois Department of Transportation</div><div>APPROVED January 1, 2026 ENGINEER OF POLICY AND PROCEDURES</div><div>APPROVED January 1, 2026 ENGINEER OF DESIGN AND ENVIRONMENT</div></div>			<div><div>STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS</div><div>(Sheet 9 of 9)</div><div>STANDARD 000001-09</div></div>		

DATE	REVISIONS
1-1-13	Corrected notation for flowline (ft) on SEDIMENT BASIN ELEVATION
1-1-12	Omitted hay/straw perimeter barrier Added SLICE METHOD to SECTION A-A

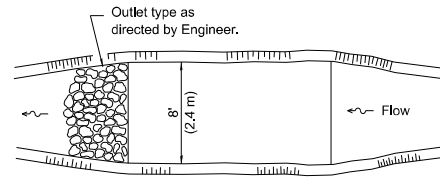


INLET AND PIPE PROTECTION



The performance of the basin will improve if put into a series.

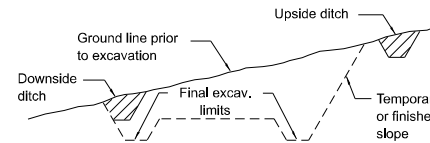
ELEVATION



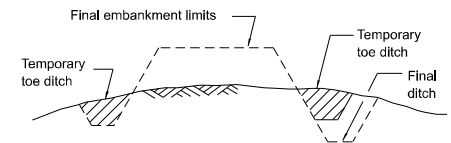
The long dimension should be parallel with the direction of the flow. Accumulated silt shall be removed anytime the basins become 75% filled.

PLAN

SEDIMENT BASIN



TYPICAL CUT CROSS-SECTION



TYPICAL FILL CROSS-SECTION

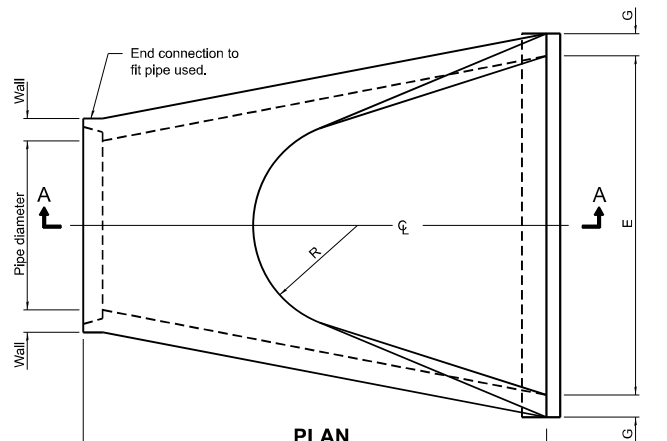
TEMPORARY DITCHES FOR CUT & FILL SECTIONS

TEMPORARY EROSION CONTROL SYSTEMS

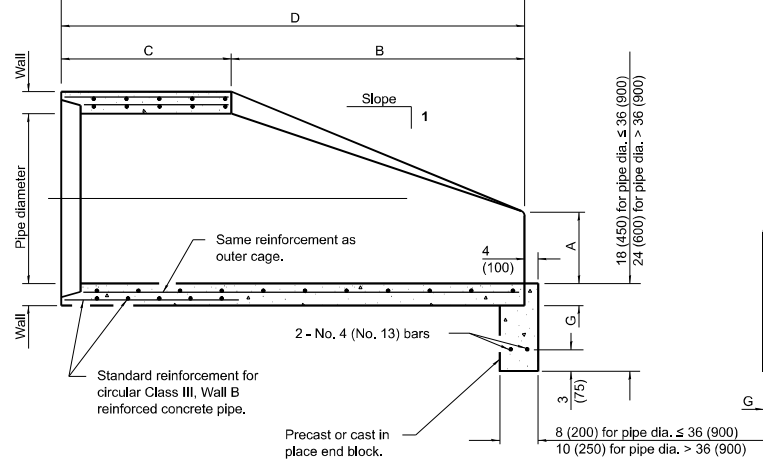
(Sheet 2 of 2)

STANDARD 280001-07

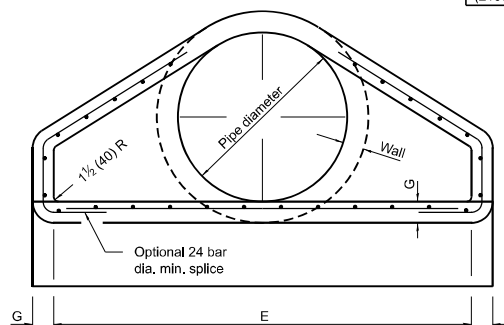
Illinois Department of Transportation	
APPROVED <i>Michael Beard</i> January 1, 2013 ENGINEER OF POLICY AND PROCEDURES	ISSUED 1-14-17
APPROVED <i>[Signature]</i> January 1, 2013 ENGINEER OF DESIGN AND ENVIRONMENT	



PLAN



SECTION A-A



END VIEW

PIPE DIA.	APPROX. QTY. lbs. (kg)	WALL	A	B	C	D	E	G	R	APPROX. SLOPE
12 (300)	530 (240)	2 (51)	4 (102)	24 (610)	4'-0 7/8" (1.241 m)	6'-0 7/8" (1.851 m)	24 (610)	2 (51)	9 (229)	1:2.4
15 (375)	740 (335)	2 1/4 (57)	6 (152)	27 (686)	3'-10" (1.168 m)	6'-1" (1.854 m)	30 (762)	2 1/2 (57)	11 (280)	1:2.4
18 (450)	990 (450)	2 1/2 (64)	9 (229)	27 (686)	3'-10" (1.168 m)	6'-1" (1.854 m)	36 (914)	2 1/2 (64)	12 (305)	1:2.4
21 (525)	1280 (580)	2 3/4 (70)	9 (229)	35 (889)	3'-10" (1.168 m)	6'-1" (1.854 m)	36 (914)	2 3/4 (70)	13 (330)	1:2.4
24 (600)	1520 (690)	3 (76)	9 1/2 (241)	3'-7 1/2" (1.105 m)	30 (762)	6'-1 1/2" (1.867 m)	4'-0" (1.219 m)	3 (76)	14 (356)	1:2.5
27 (675)	1930 (875)	3 1/4 (83)	10 1/2 (267)	4'-0" (1.219 m)	25 1/2 (648)	6'-1 1/2" (1.867 m)	4'-6" (1.372 m)	3 1/4 (83)	14 1/2 (368)	1:2.4
30 (750)	2190 (995)	3 1/2 (89)	12 (305)	4'-6" (1.375 m)	19 3/4 (502)	6'-1 3/4" (1.874 m)	5'-0" (1.524 m)	3 1/2 (89)	15 (381)	1:2.5
33 (825)	3200 (1450)	3 3/4 (95)	13 1/2 (343)	4'-10 1/2" (1.486 m)	39 3/4 (997)	8'-1 3/4" (2.483 m)	5'-6" (1.676 m)	3 3/4 (95)	17 1/2 (445)	1:2.5
36 (900)	4100 (1860)	4 (102)	15 (381)	5'-3" (1.6 m)	34 3/4 (883)	8'-1 3/4" (2.483 m)	6'-0" (1.829 m)	4 (102)	20 (508)	1:2.5
42 (1050)	5380 (2440)	4 1/2 (114)	21 (533)	5'-3" (1.6 m)	35 (889)	8'-2" (2.489 m)	6'-6" (1.981 m)	4 1/2 (114)	22 (559)	1:2.5
48 (1200)	6550 (2970)	5 (127)	24 (610)	6'-0" (1.829 m)	26 (660)	8'-2" (2.489 m)	7'-0" (2.134 m)	5 (127)	22 (559)	1:2.5
54 (1350)	8240 (3740)	5 1/2 (140)	27 (686)	5'-5" (1.651 m)	35 (889)	8'-4" (2.54 m)	7'-6" (2.286 m)	5 1/2 (140)	24 (610)	1:2.0
60 (1500)	8730 (3960)	6 (152)	35 (889)	5'-0" (1.524 m)	39 (991)	8'-3" (2.515 m)	8'-0" (2.438 m)	5 (127)	*	1:1.9
66 (1650)	10710 (4860)	6 1/2 (165)	30 (762)	6'-0" (1.829 m)	27 (686)	8'-3" (2.515 m)	8'-6" (2.591 m)	5 1/2 (140)	*	1:1.7
72 (1800)	12520 (5680)	7 (178)	36 (914)	6'-6" (1.981 m)	21 (533)	8'-3" (2.514 m)	9'-0" (2.743 m)	6 (152)	*	1:1.8
78 (1950)	14770 (6700)	7 1/2 (191)	36 (914)	7'-6" (2.286 m)	21 (533)	9'-3" (2.819 m)	9'-6" (2.896 m)	6 1/2 (165)	*	1:1.8
84 (2100)	18160 (8240)	8 (203)	36 (914)	7'-6 1/2" (2.299 m)	21 (533)	9'-3 1/2" (2.832 m)	10'-0" (3.048 m)	6 1/2 (165)	*	1:1.6

* Radius as furnished by manufacturer

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-11	Clarified ref. to pipe dia. on Section A-A. Changed 'inner' to 'outer' cage. ref.
1-1-09	Switched units to English (metric).

PRECAST REINFORCED CONCRETE FLARED END SECTION

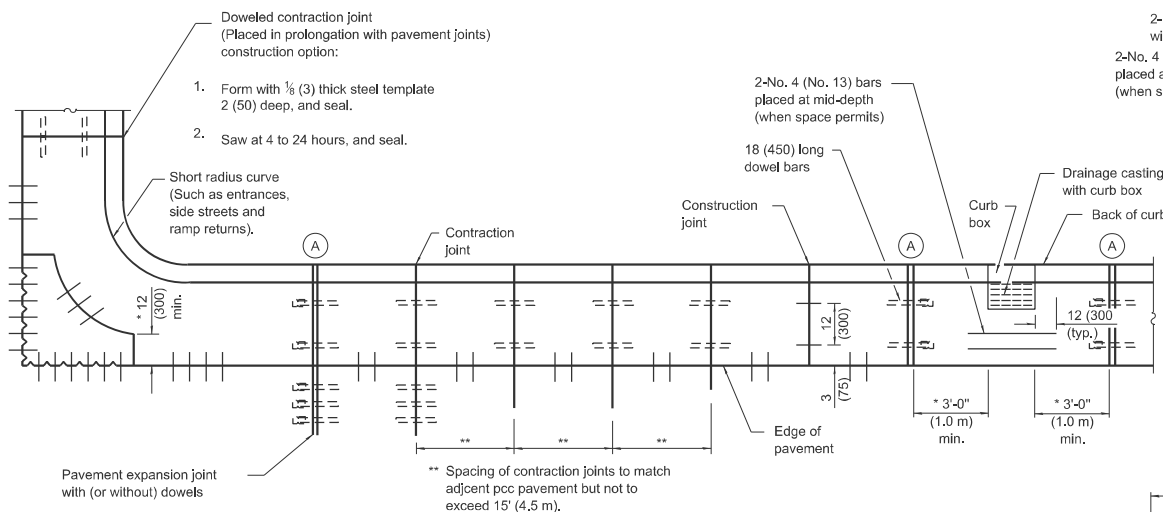
STANDARD 542301-03

Illinois Department of Transportation

APPROVED January 1, 2011
Ralph E. Anderson
 ENGINEER OF BRIDGES AND STRUCTURES

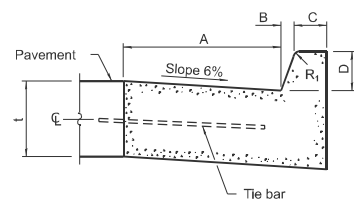
APPROVED January 1, 2011
Scott S. Smith
 ENGINEER OF DESIGN AND ENVIRONMENT

1/1-1-11 CENIS

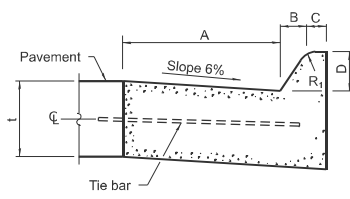


PLAN

ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE



BARRIER CURB



MOUNTABLE CURB

TYPE	A	B	C	D	R ₁
B-6.06 *	6	1	6	6	1
(B-15.15)	(150)	(25)	(150)	(150)	(25)
B-6.12	12	1	6	6	1
(B-15.3)	(300)	(25)	(150)	(150)	(25)
B-6.18	18	1	6	6	1
(B-15.45)	(450)	(25)	(150)	(150)	(25)
B-6.24	24	1	6	6	1
(B-15.60)	(600)	(25)	(150)	(150)	(25)
B-9.12	12	2	5	9	1
(B-22.30)	(300)	(50)	(125)	(225)	(25)
B-9.18	18	2	5	9	1
(B-22.45)	(450)	(50)	(125)	(225)	(25)
B-9.24	24	2	5	9	1
(B-22.60)	(600)	(50)	(125)	(225)	(25)

* For corner islands only.

TYPE	A	B	C	D	R ₁	R ₂
M-2.06	6	2	4	2	3	2
(M-5.15)	(150)	(50)	(100)	(50)	(75)	(50)
M-2.12	12	2	4	2	3	2
(M-5.30)	(300)	(50)	(100)	(50)	(75)	(50)
M-2.24	24	2	4	2	3	2
(M-5.60)	(600)	(50)	(100)	(50)	(75)	(50)
M-4.06	6	4	3	4	3	NA
(M-10.15)	(150)	(100)	(75)	(100)	(75)	NA
M-4.12	12	4	3	4	3	NA
(M-10.30)	(300)	(100)	(75)	(100)	(75)	NA
M-4.18	18	4	3	4	3	NA
(M-10.45)	(450)	(100)	(75)	(100)	(75)	NA
M-4.24	24	4	3	4	3	NA
(M-10.60)	(600)	(100)	(75)	(100)	(75)	NA
M-6.06	6	6	2	6	2	NA
(M-15.15)	(150)	(150)	(50)	(150)	(50)	NA
M-6.12	12	6	2	6	2	NA
(M-15.30)	(300)	(150)	(50)	(150)	(50)	NA
M-6.18	18	6	2	6	2	NA
(M-15.45)	(450)	(150)	(50)	(150)	(50)	NA
M-6.24	24	6	2	6	2	NA
(M-15.60)	(600)	(150)	(50)	(150)	(50)	NA

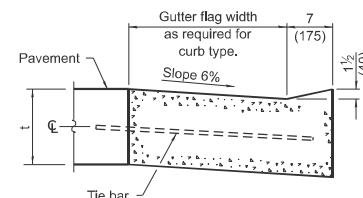
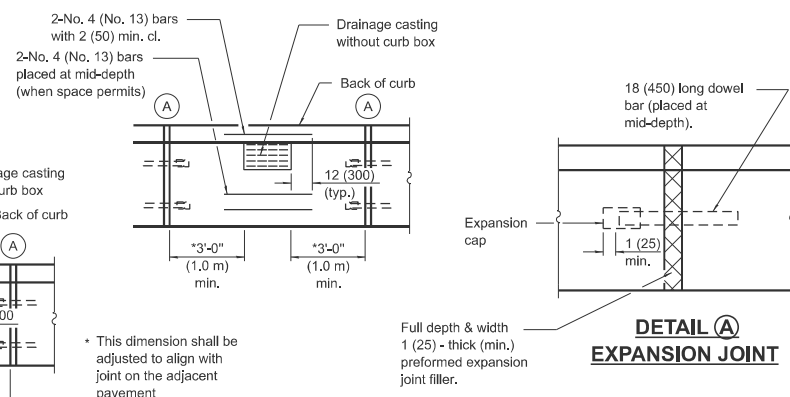
Illinois Department of Transportation

APPROVED January 1, 2026

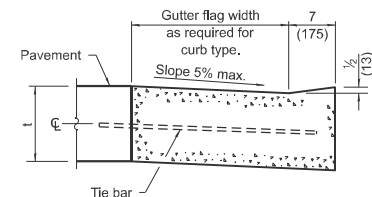
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2026

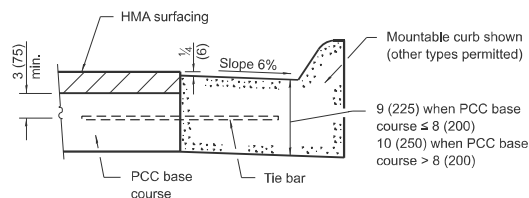
ENGINEER OF DESIGN AND ENVIRONMENT



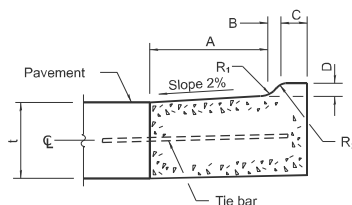
DEPRESSED CURB (TYPICAL)



DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING



M-2.06 (M-5.15), M-2.12 (M-5.30), and M-2.24 (M-5.60)

DATE	REVISIONS
1-1-26	Added M-2.24 (M-5.60) to Mountable Curb Table
1-1-22	Revised contract joint spacing adjacent to pcc pavement.

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.

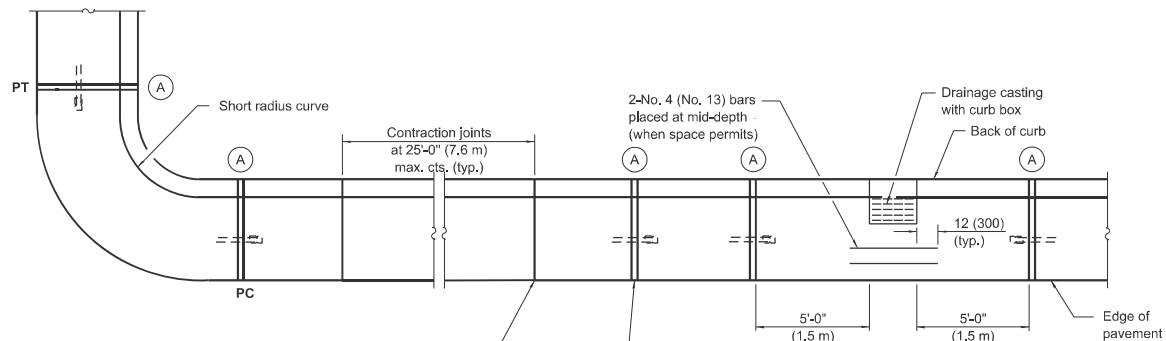
See Standard 606301 for details of corner islands.

All dimensions are in inches (millimeters) unless otherwise shown.

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 1 of 2)

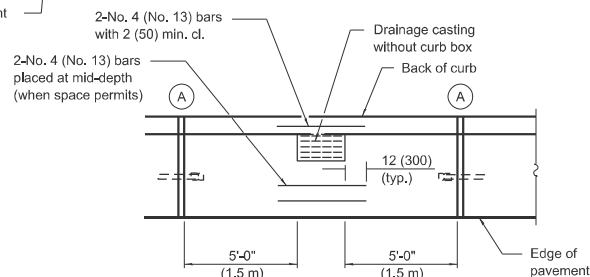
STANDARD 606001-09



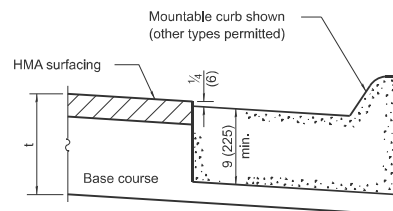
Undoweled contraction joint (typ.) construction options:

1. Form with $\frac{1}{8}$ (3) thick steel template 2 (50) deep, and seal.
2. Saw 2 (50) deep at 4 to 24 hours, and seal.
3. Insert $\frac{3}{4}$ (20) thick preformed joint filler full depth and width.

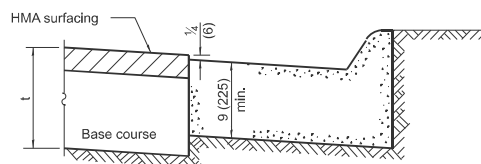
Construction joint



PLAN

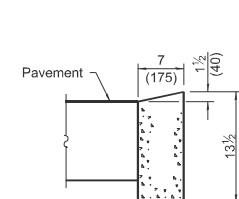


ON DISTURBED SUBGRADE

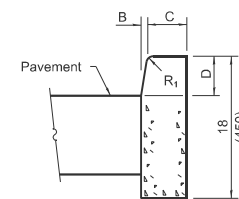


ON UNDISTURBED SUBGRADE

ADJACENT TO FLEXIBLE PAVEMENT

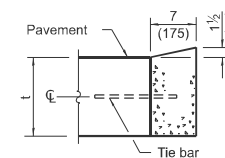


DEPRESSED CURB

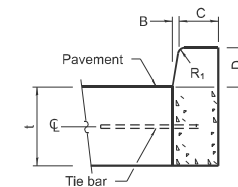


BARRIER CURB

ADJACENT TO FLEXIBLE PAVEMENT



DEPRESSED CURB



BARRIER CURB

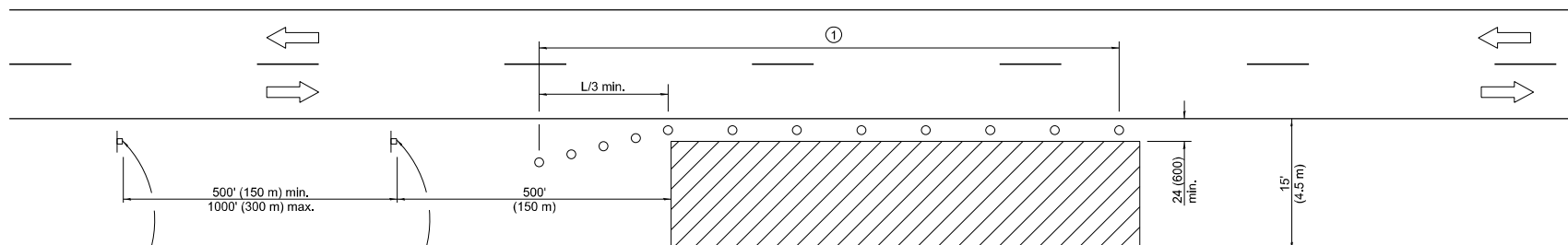
ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

**CONCRETE CURB TYPE B
AND COMBINATION
CONCRETE CURB AND GUTTER**
(Sheet 2 of 2)

STANDARD 606001-09

Illinois Department of Transportation	
APPROVED <i>Markell M. Smith</i> ENGINEER OF POLICY AND PROCEDURES APPROVED <i>John C. Smith</i> ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED 1-14-17 2/14-17



For contract
construction
projects

W20-1103(0)-48

For maintenance
and utility
projects

W20-1(0)-48

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).

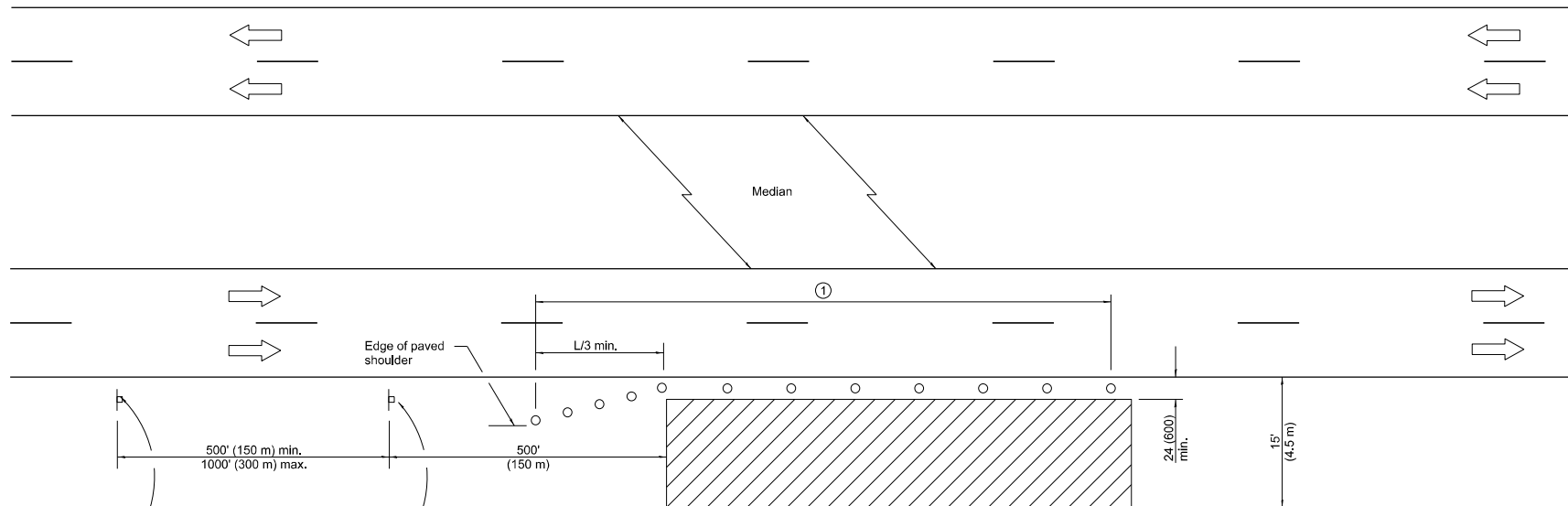
All dimensions are in inches (millimeters)
unless otherwise shown.

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

Illinois Department of Transportation	
APPROVED _____ January 1, 2014 ENGINEER OF SAFETY ENGINEERING	ISSUED 1-14
APPROVED _____ January 1, 2014 ENGINEER OF DESIGN AND ENVIRONMENT	



For contract
construction
projects



W20-1103(0)-48



W21-1(0)-48

For maintenance
and utility
projects



W20-1(0)-48

TYPICAL APPLICATIONS

Utility operations
Culvert extensions
Side slope changes
Guardrail installation and maintenance
Delineator installation
Landscaping operations
Shoulder repair
Sign installation and maintenance

- 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.

SYMBOLS

- Work area
 Sign
 Cone, drum or barricade

GENERAL NOTES

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FORMULAS

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$L = \frac{WS^2}{60}$

$L = \frac{WS^2}{150}$

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).

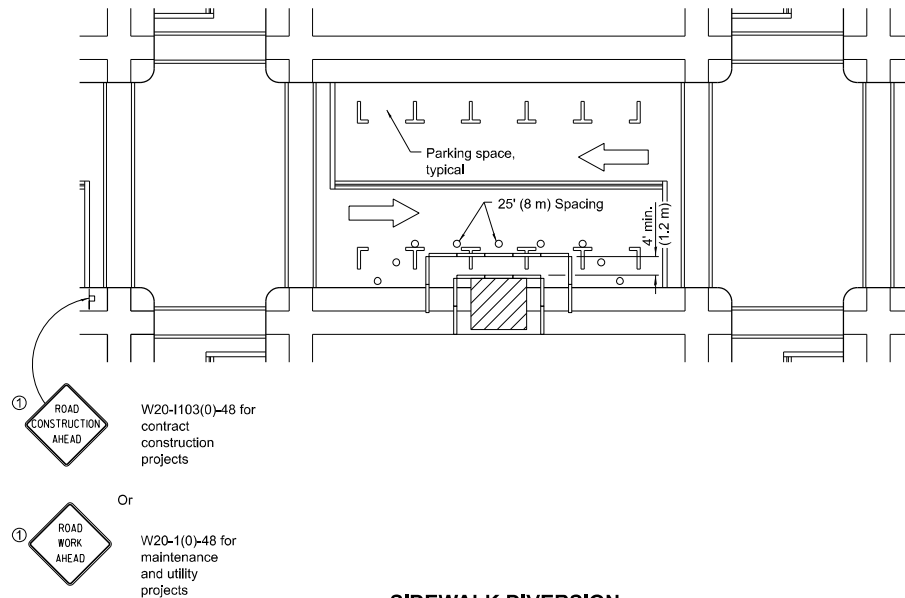
All dimensions are in inches (millimeters)
unless otherwise shown.

DATE	REVISIONS
4-1-16	Corrected typo in title.
1-1-14	Revised workers sign number to agree with current MUTCD.

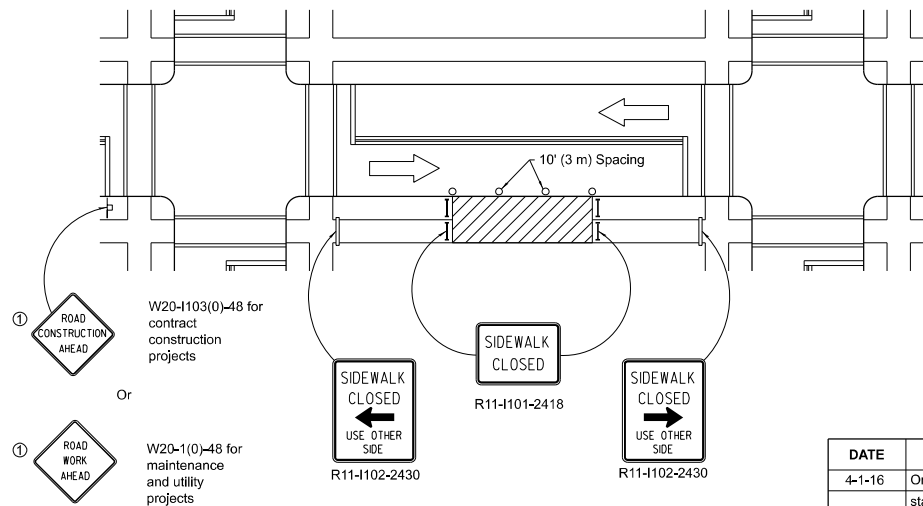
**OFF-ROAD OPERATIONS, MULTILANE,
15' (4.5 m) TO 24" (600 mm)
FROM PAVEMENT EDGE**

STANDARD 701101-05

Illinois Department of Transportation	
APPROVED January 1, 2016 ENGINEER OF SAFETY ENGINEERING	ISSUED 1-14-16
APPROVED January 1, 2016 ENGINEER OF DESIGN AND ENVIRONMENT	



SIDEWALK DIVERSION



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.

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade

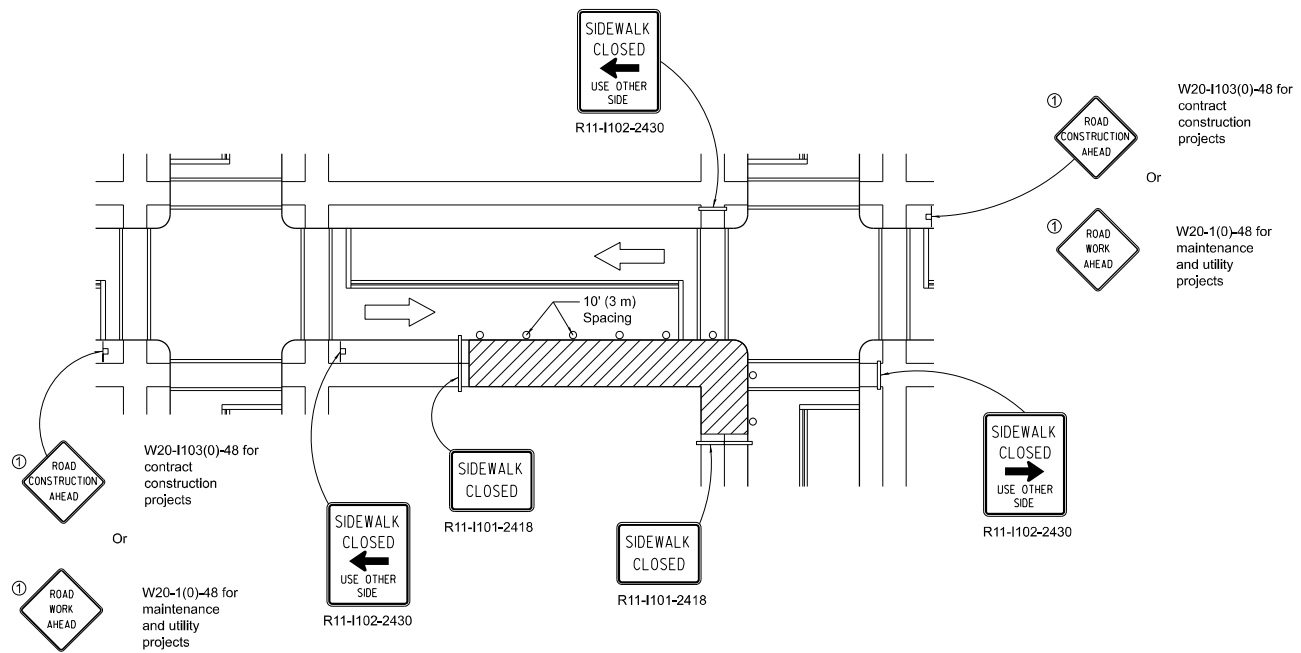
Illinois Department of Transportation	
APPROVED January 1, 2016 ENGINEER OF SAFETY ENGINEERING	ISSUED 1-1-16
APPROVED January 1, 2016 ENGINEER OF DESIGN AND ENVIRONMENT	

DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the standard spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of plan views.
	Renamed Standard.

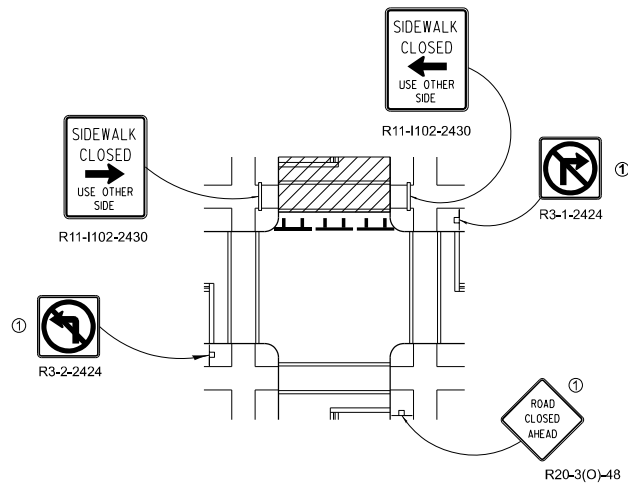
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06



CORNER CLOSURE



CROSSWALK CLOSURE

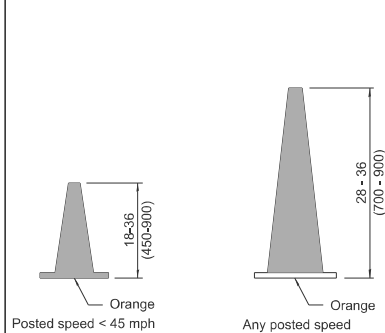
Illinois Department of Transportation	
APPROVED	January 1, 2016
ENGINEER OF SAFETY ENGINEERING	
APPROVED	January 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT	

ISSUED 1-1-87

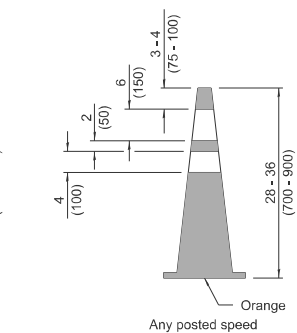
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

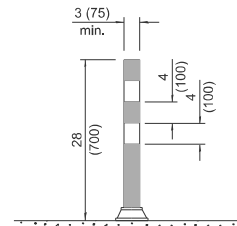
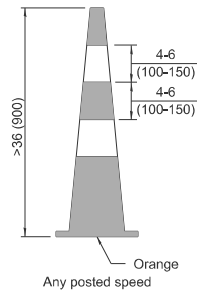
STANDARD 701801-06



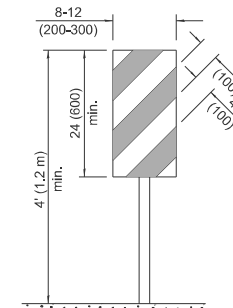
DAYTIME USE



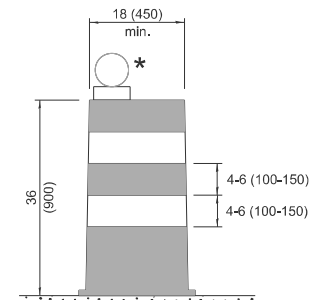
DAY OR NIGHTTIME USE



TUBULAR MARKER

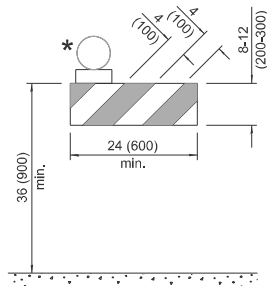


VERTICAL PANEL POST MOUNTED

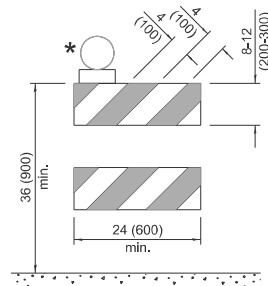


DRUM

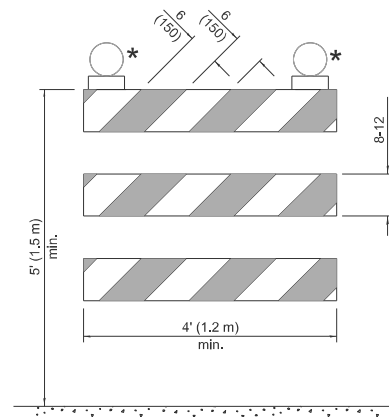
CONES



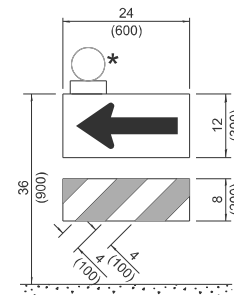
TYPE I BARRICADE



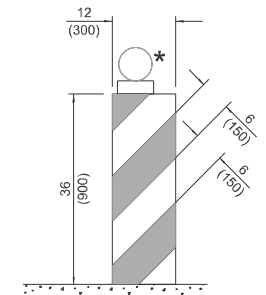
TYPE II BARRICADE



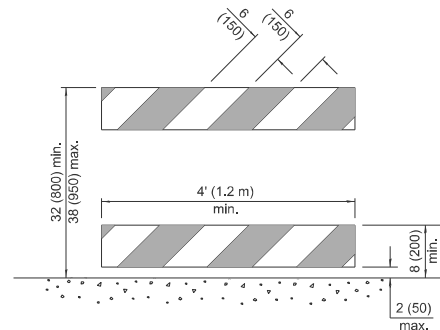
TYPE III BARRICADE



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.

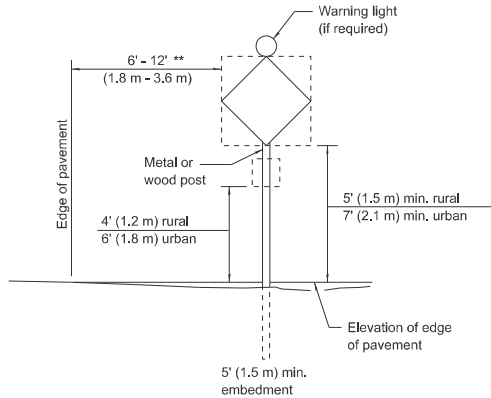
APPROVED	January 1, 2026
ENGINEER OF SAFETY PROG. AND ENGINEERING	
APPROVED	January 1, 2026
ENGINEER OF DESIGN AND ENVIRONMENT	

DATE	REVISIONS
1-1-26	Updated Detectable Pedstrian Channelizing Barricade (sht. 1) & Temporary Rumble Strips details (sht. 3)
1-1-25	Updated Temporary Rumble Strip Detail (sht. 3).

TRAFFIC CONTROL DEVICES

(Sheet 1 of 3)

STANDARD 701901-11



POST MOUNTED SIGNS

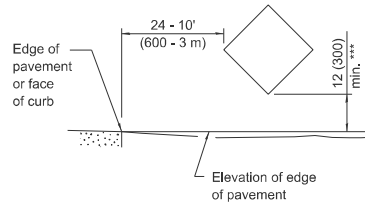
** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



W12-1103-4848

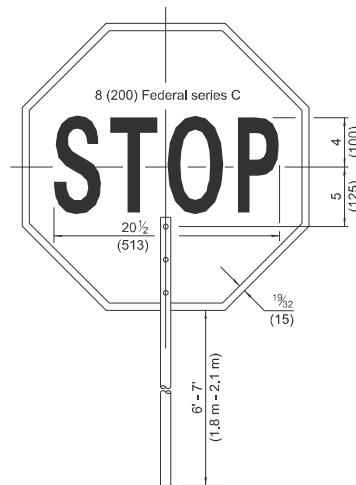
WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.

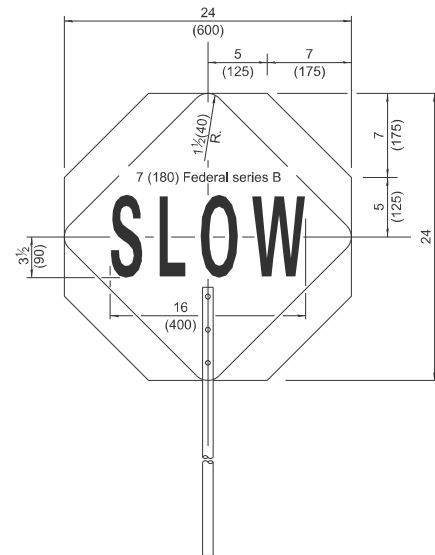


SIGNS ON TEMPORARY SUPPORTS

*** 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.

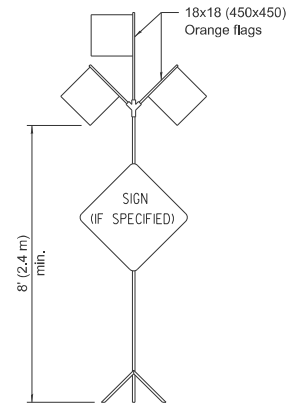


FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN



HIGH LEVEL WARNING DEVICE

ROAD
CONSTRUCTION
NEXT X MILES

END
CONSTRUCTION

G20-1104(0)-6036

G20-1105(0)-6024

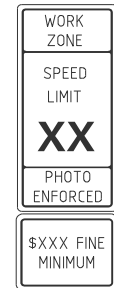
This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING



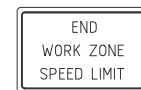
W21-III5(0)-3618

R2-1-3648

R10-1108p-3618 ****

R2-1106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.



G20-1103-6036

This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

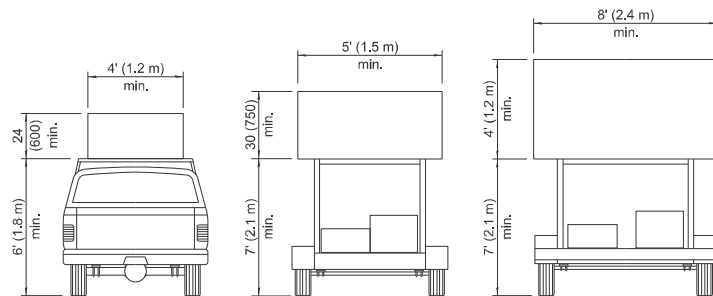
**** R10-1108p shall only be used along roadways under the jurisdiction of the State.

TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

STANDARD 701901-11

Illinois Department of Transportation	
APPROVED	January 1, 2026
ENGINEER OF SAFETY, PROGRAM, AND ENGINEERING	
APPROVED	January 1, 2026
ENGINEER OF DESIGN AND ENVIRONMENT	

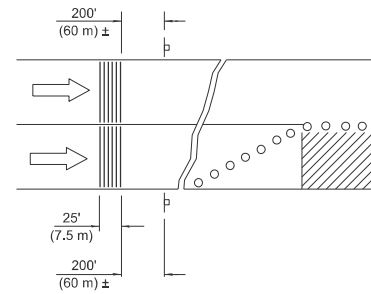


**TYPE A
ROOF
MOUNTED**

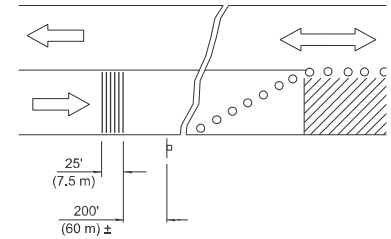
**TYPE B
ROOF OR TRAILER
MOUNTED**

**TYPE C
TRAILER
MOUNTED**

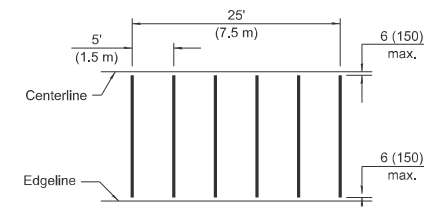
ARROW BOARDS



MULTI-LANE HIGHWAYS

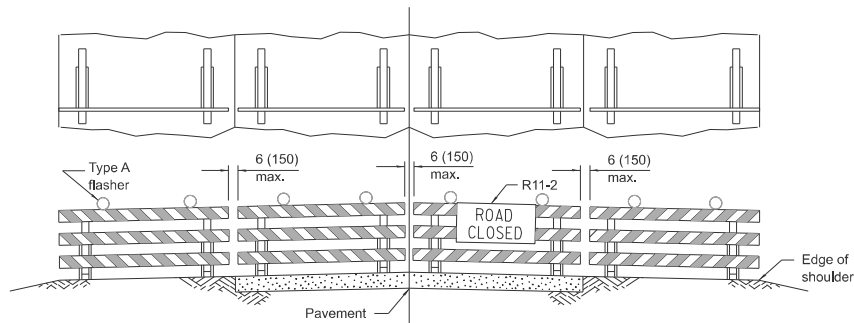


TWO-LANE HIGHWAYS



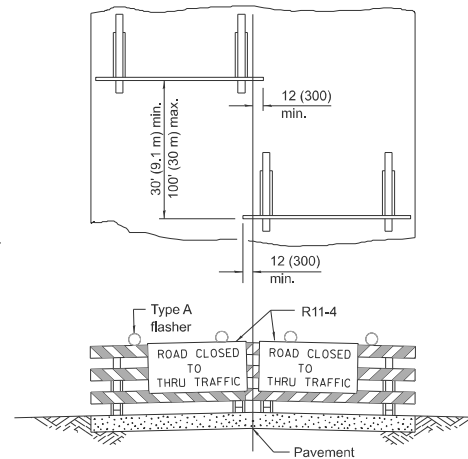
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades.

**TYPICAL APPLICATIONS OF
TYPE III BARRICADES CLOSING A ROAD**

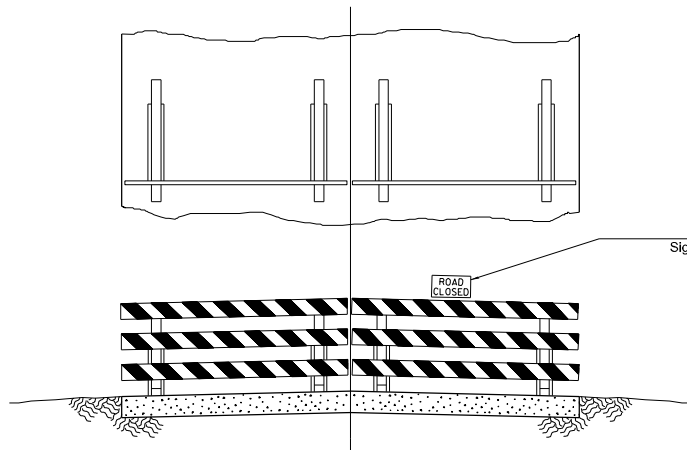
If a Type III barricade with an attached sign panel which meets NCHRP 350 or MASH is not available, the sign may be mounted on an NCHRP 350 or MASH temporary sign support directly in front of the barricade.

Illinois Department of Transportation	
APPROVED	January 1, 2026
ENGINEER OF SAFETY, PROGRAM, AND ENGINEERING	
APPROVED	January 1, 2026
ENGINEER OF DESIGN AND ENVIRONMENT	

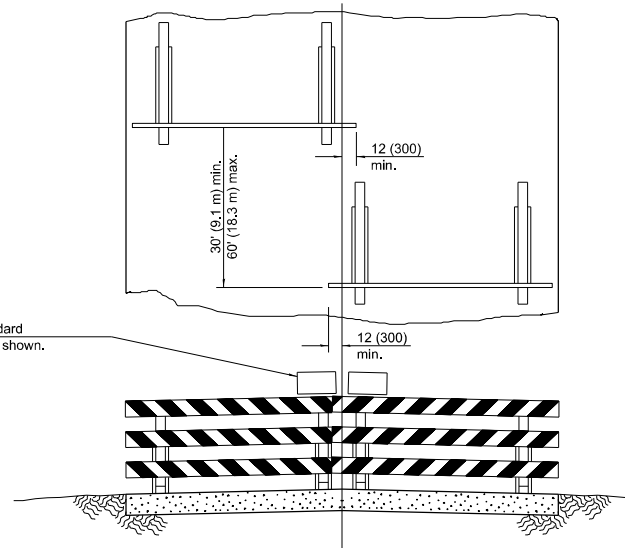
**TRAFFIC CONTROL
DEVICES**

(Sheet 3 of 3)

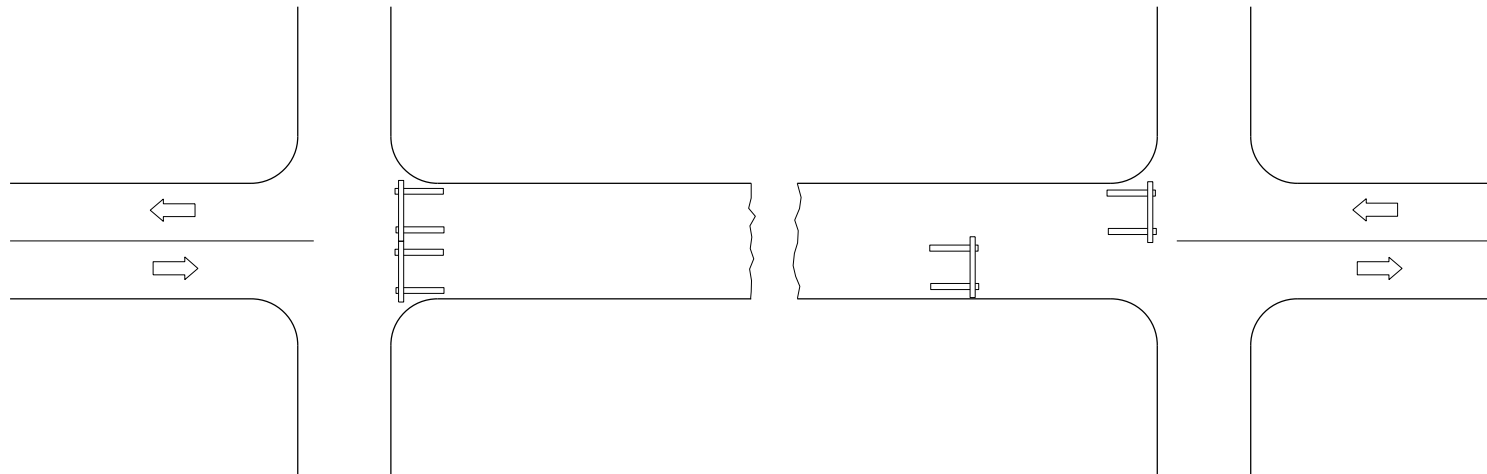
STANDARD 701901-11



Resident traffic and day labor force's equipment to use road shoulder for passing barricade.



Use when shoulders are too narrow for passage of traffic.



**TWO-LANE, TWO-WAY TRAFFIC,
RURAL OPERATIONS EXCEEDING
ONE DAYLIGHT PERIOD**

GENERAL NOTES

Type III barricades to be width of pavement only.

Reflectorized striping shall appear on both sides of barricades. Barricades shall be positioned so that stripes slope downward toward the side on which traffic is to pass.

Although not shown, advance warning signs with minimum dimensions of 36x36 (900x900) and black legends on orange reflectorized backgrounds shall be utilized where needed.

This case is for use on rural local roads where the local authority considers this protection to be appropriate for the specific job conditions.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation	
APPROVED <i>Charles J. Russell</i> ENGINEER OF LOCAL ROADS AND STREETS APPROVED <i>Ken E. Han</i> ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED 1-1-09

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-98	Rev. "R-11-1" to "R11-4", Rev. 4th General Note.

**TRAFFIC CONTROL DEVICES -
DAY LABOR CONSTRUCTION**

STANDARD B.L.R. 17-4

Tab 4

DOCUMENT PREPARED BY:

Peter A. Pacione
Storino, Ramello & Durkin
9501 Technology Boulevard
Suite 4200
Rosemont, Illinois 60018

AFTER RECORDING RETURN TO:

Jeff McCumber
Village of Glendale Heights
300 Civic Center Plaza
Glendale, Heights, Illinois 60139

This space reserved for Recorder's use only

TEMPORARY CONSTRUCTION EASEMENT AGREEMENT

This TEMPORARY CONSTRUCTION EASEMENT AGREEMENT (this "*Agreement*") is made and effective as of the 26th day of June, 2025, by and between BELMONT FUELS LLC, an Illinois limited liability company ("*Grantor*"), and the VILLAGE OF GLENDALE HEIGHTS, an Illinois municipal corporation ("*Grantee*").

RECITALS

WHEREAS, Grantor is the owner of that certain real property generally located East of Glen Ellyn Road and North of Armitage Avenue, and generally depicted in Exhibit A, attached hereto and made a part hereof (the "*Grantor's Property*"); and

WHEREAS, Grantee, in furtherance of the Armitage Creek, Reaches 13 and 14, Stream Restoration Project ("Project") desires to use a portion of Grantor's Property for access to the Project site and to stage material and equipment for completion of the Project; and

WHEREAS, Grantee desires to obtain from Grantor, and Grantor desires to grant to Grantee, a recordable temporary construction easement to construct the Project for the purposes and on the terms and conditions set forth in this Agreement on that portion of Grantor's Property, described in Exhibit B and depicted in Exhibit A, attached hereto and made a part hereof (the "Temporary Construction Easement Area").

NOW, THEREFORE, in consideration of the above, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto hereby agree as follows:

1. Temporary Construction Easement. Subject to the terms of this Agreement, Grantor hereby grants to Grantee, its designees, contractors, agents and employees, and their successors and assigns, a temporary construction easement ("*Temporary Construction Easement*")

on, in, over, under and across the Temporary Construction Easement Area for the purposes of constructing the Project. All such construction will be without cost to Grantor, and Grantee hereby agrees to indemnify and save Grantor harmless from and against any and all costs, expenses, fees, losses, liabilities, damages, claims and penalties, including court costs and reasonable attorneys' fees, arising out of or in connection with the Temporary Construction Easement or construction of the Project, except to the extent that any such costs, expenses, fees, losses, liabilities, damages, claims and penalties arise from or are a result of the negligence or intentional acts of Grantor. Notwithstanding any other provision of this Agreement to the contrary, the Temporary Construction Easement shall terminate without further action of the parties no later than one (1) month after completion of construction of the Project.

2. Construction and Maintenance. Grantee shall construct and diligently pursue to completion the Project, in accordance with the approved plan and specifications. Grantee shall be responsible for compliance with all applicable laws, rules, and regulations effective as of the date hereof with respect to construction of the Project substantially pursuant to the plans and specifications. Grantee shall take all precautionary measures to protect the public from hazards related to its work. Upon completion of the Project, the Grantee shall restore the Temporary Construction Easement Area to the same condition, or better, that existed prior to construction of the Project.

3. Public Use. Notwithstanding anything herein to the contrary, this Agreement shall be considered only a grant of private easement and shall not create any rights in the general public, whatsoever, to enter upon and/or use the Temporary Construction Easement Area, and nothing contained herein shall constitute a dedication of the Temporary Construction Easement Area for public use. Grantee hereby agrees that the foregoing accurately sets forth its intent, understanding and agreement and that it will defend the Temporary Construction Easement Area against any claim to the contrary.

4. Reservation of Rights. Subject to the terms of this Agreement, Grantor hereby reserves the right to maintain and/or grant additional easements under the Temporary Construction Easement Area, so long as such rights do not unreasonably interfere with Grantee's use and enjoyment under this Agreement.

5. Indemnification. To the fullest extent permitted by law, Grantee will indemnify and hold Grantor harmless from and against any and all claims, litigation, liability, loss, injury, damage, cost, and/or expense on account of injury to or death of any person or persons whomsoever or on account of damage to any property in any way arising out of, caused by, connected with, or attributable to the construction, operation, maintenance, repair, replacement and/or use of the Temporary Construction Easement and/or this Agreement or the rights herein granted, or the performance or non-performance of Grantee's obligations hereunder, except to the extent that any such claims, litigation, liability, loss, injury, damage, cost, and/or expense on account of injury to or death of any person or persons whomsoever or on account of damage to any property arise from or are a result of the negligence or intentional acts of Grantor, its directors, officers, agents, employees, guests, invitees, patrons, customers, successors, and assigns. Grantee will defend by counsel satisfactory to the indemnified party any suit or action brought against such

party based on any alleged injury, death or damage and shall pay all damages, costs and expenses, including attorneys' fees, connected therewith or resulting therefrom.

6. Insurance. Grantee shall furnish, or cause its contractors to furnish, Grantor a certificate of insurance evidencing commercial general liability insurance with minimum limits of \$1,000,000.00 combined single limit per occurrence and \$2,000,000 general aggregate limits and otherwise reasonably satisfactory to Grantor. The insurance policy shall be expressly endorsed to include Grantor as an additional insured. Such certificate of insurance shall require the insurer(s) to provide not less than thirty (30) days advance written notice to the Grantor in the event of any cancellation, non-renewal or change in the policy limits, terms or conditions which would cause them to fail to meet the foregoing requirements,

7. Enforcement. This Agreement may be enforced either at law or in equity, with the non-breaching party entitled to injunctive relief and/or monetary damages. If any action for enforcement of this Agreement is brought, the non-prevailing party in such action shall reimburse the prevailing party for its attorneys' fees and related costs in such action.

8. Liens. Grantee covenants and agrees not to cause, suffer or permit any mechanics' liens to be recorded against title to the Grantor's Property. Grantee acknowledges that a breach by it of its obligations under this Section 8 would cause irreparable injury to the Grantor and, correspondingly, that Grantor (in addition to any other right or remedy available to it at law or in equity) shall be entitled to enforce its rights under this Section 8 by means of an injunction or similar type judicial order, and that, for such purposes, it shall not be necessary for Grantor to post a bond.

9. Transfer. Upon any transfer of this Agreement by Grantee or any successor or assign, the assigning Grantee shall be released from the rights, duties, obligations and liability under this Agreement and the successor Grantee shall be bound and deemed to have assumed the rights, duties, obligations, and liabilities of the assignor Grantee arising after the date of such transfer or conveyance.

10. Amendment. This Agreement may be modified or amended only by a written instrument executed by the parties, or their respective permitted successors or assigns.

11. Severability. If any clause, sentence or other portion of the terms, conditions, covenants and restrictions herein becomes illegal, null or void, for any reason, or is held by any court of competent jurisdiction to be so, the remaining portions of this Agreement shall remain in full force and effect.

12. Construction. The rule of strict construction does not apply to this Agreement. This Agreement shall be given a reasonable construction so that the intention of the parties to confer commercially usable right of enjoyment on the beneficiaries hereof is carried out.

13. Remedies. Except as otherwise provided in this Agreement, in the event any party shall be in default of any obligation or undertaking hereunder, said party shall be sent notice thereof and shall be given at least seven (7) days to cure in the event of a monetary default and at least

sixty (60) days to cure in the event of a non-monetary default before the non-defaulting party may seek, pursuant to any and all legal and equitable remedies, to enforce this Agreement, provided, however, the non-defaulting party may seek an immediate injunction, restraining order or other court order, with or without notice as the court shall allow, without having to wait for any grace period to expire.

14. Notices. All notices or other communications required or given under the terms of this Agreement shall be in writing and shall be delivered by: (i) receipted personal delivery; (ii) commercial overnight courier service; or (iii) certified mail, return receipt requested addressed to the parties as follows:

If to Grantee:	Village of Glendale Heights Attn: Village Administrator 300 Civic Center Plaza Glendale Heights, Illinois 60139
----------------	--

with a copy to:	Donald J. Storino Storino, Ramello & Durkin 9501 Technology Boulevard Suite 4200 Rosemont, Illinois 60018
-----------------	---

If to Grantor:	Belmont Fuels LLC 1415 Glen Ellyn Road Glendale Heights, Illinois 60139
----------------	---

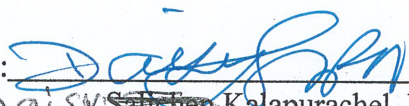
A notice shall be deemed to have been served: (i) upon the date of receipt if served by personal delivery or by commercial overnight courier service; or, (ii) upon the second (2nd) business day following deposit with the U.S. Post Office and served by certified mail. Any party may change the address to whom service of notices shall be affected by a notice in conformity with the provisions of this Paragraph 16.

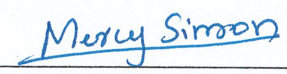
[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

15. Authority. Each of the parties hereto hereby represents and warrants to the other that the execution and delivery of this Agreement by the representing and warranting party has been duly authorized, that this Agreement has been validly executed and delivered by such party, and that this Agreement is binding upon such party in accordance with its terms.

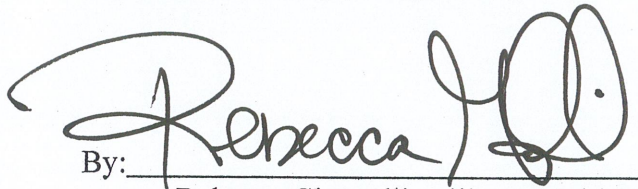
IN WITNESS WHEREOF, this Agreement is dated as of the day and year first above written.

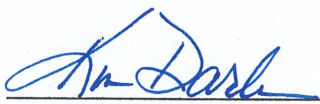
GRANTOR:
BELMONT FUELS LLC,
an Illinois limited liability company

By: 
Daisy Sankaran Kalapurachel, Manager

By: 
Mercy Simon, Manager

GRANTEE:
VILLAGE OF GLENDALE HEIGHTS,
an Illinois municipal corporation

By: 
Rebecca Giannelli, Village President

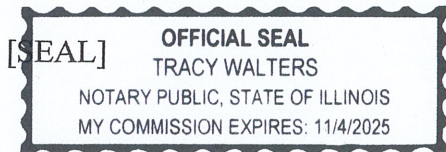
Attest: 
Kim Darlin, Village Clerk



STATE OF ILLINOIS)
) SS
COUNTY OF DUPAGE)

On this 26th day of June, 2025, before me, a Notary Public, personally appeared Rebecca Giannelli and Kim Darlin, to me personally known, who, being by me duly sworn, did say that they are the Village President and Clerk, respectfully, of the Village of Glendale Heights, and that this instrument was signed and sealed on behalf of such municipal corporation, and they acknowledged the execution of this instrument as their free act and deed and that of such municipal corporation.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.



Tracy Walters
Notary Public

STATE OF ILLINOIS)
) SS
COUNTY OF _____)

On this 29th day of May, 2025, before me, a Notary Public, personally appeared Salichen Kalapurachel and Mercy Simon, Managers of Belmont Fuels LLC, an Illinois limited liability company, and that this instrument was signed and sealed as such Managers, and they acknowledged the execution of this instrument as their free act and deed and as such Managers.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

[SEAL]

Carol Michalek
Notary Public

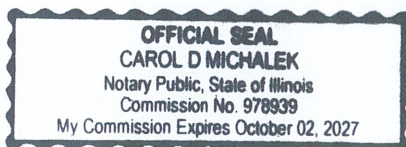


EXHIBIT B

TEMPORARY CONSTRUCTION EASEMENT AREA

LOT 93 AND THE NORTH 15.00 FEET OF LOT 92 IN SECTION 3 OF RESKIN'S 6TH ADDITION TO GLENDALE HEIGHTS SUBDIVISION, BEING A SUBDIVISION IN THE NORTH HALF OF SECTION 35, TOWNSHIP 40 NORTH, RANGE 10, EAST OF THE THIRD PRINCIPAL MERIDIAN ACCORDING TO THE PLAT THEREOF RECORDED JUNE 21, 1965 AS DOCUMENT NO. R65-021570 IN DUPAGE COUNTY, ILLINOIS, EXCEPTING THEREFROM THE NORTHEASTERLY 15.00 FEET OF SAID LOT 93.

Common Address: 1421 Glen Ellyn Road and 1429 Glen Ellyn Road, Glendale Heights, Illinois 60139

P.I.N.: 02-35-208-020 and 02-35-208-019



**DUPAGE
COUNTY**

Watershed
Management

Water
Quality

Floodplain
Mapping

Regulatory
Services

Flood Operations
& Maintenance



STORMWATER MANAGEMENT

630-407-6700
stormwatermgmt@dupageco.org

www.dupageco.org/swm

July 08, 2025

TO: Douglas Flint, Village of Glendale Heights, dflint@glendaleheights.org

RE: Authorization for Stormwater Management Certification No. [SM2025-0084](#)

Community Tracking No: 25-18-0001 Armitage Creek Restoration
Stormwater Certification

Waiver Community: Glendale Heights - Partial

LRC Number: 2025-071
and 2025-026

PPN: 0235208019, 0235404007

(NOTE: THIS IS NOT A PERMIT - A Building Permit must be picked up prior to any on site work.)

DuPage County Stormwater Management (DCSM) received the following stormwater application/submittal:

Applicant: Jedd Anderson, Christopher B. Burke Engineering, Ltd., jedd@cbbel.com

Owner: Village of Glendale Heights,

Project Location:
Armitage Road

Stormwater Certification:

Be advised that your community holds a partial waiver of enforcement status from the September 2022 DuPage County Countywide Stormwater and Floodplain Ordinance (CSFO). As such, your community is responsible to review and approve applications for stormwater management issues. Therefore, for the above referenced development project, our office has only reviewed and provided Authorization relating to the floodway, flood plain, wetland, or buffer. All approvals pertaining to the stormwater management facilities and post construction best management practices shall be done by your community, unless requested otherwise.

Staff has completed its review of this application and hereby authorizes the attached documents for compliance with the CSFO. Based upon our Authorization of the documents listed on the attachment, your community may issue a Stormwater Management Certification for the above referenced development, with the attached general and special conditions.

Respectfully,

Clayton Heffter

Clayton Heffter, Stormwater Permitting Manager 421 N. County Farm Road, Wheaton, IL 60187

cc.

Applicant: Jedd Anderson, Christopher B. Burke Engineering, Ltd., jedd@cbbel.com

Owner: Village of Glendale Heights,

Sophia Morgan, USACE, Sophia.R.Morgan@usace.army.mil

File: SM2025-0084 / 25-18-0001 Armitage Creek Restoration

DUPAGE COUNTY STORMWATER MANAGEMENT AUTHORIZATION LETTER ATTACHMENT

Stormwater Management Certification No: [SM2025-0084](#)

Armitage Creek Restoration

Waiver Community: Glendale Heights - Partial

Community Tracking Number: 25-18-0001 Armitage Creek Restoration

PPN: 0235208019, 0235404007

USACE LRC No: 2025-071 and 2025-026

Project Coordinator: David Winklebleck 630-407-6678

PROJECT DESCRIPTION :

Restoration of Armitage Creek Reaches 13 and 14

CERTIFIED DOCUMENTS:

1. Stormwater Management Certification Application, as assigned Tracking No. SM2025-0084/25-18-0001.
2. Stormwater report entitled "Tab 1, DuPage County Countywide Stormwater and Flood Plain Ordinance, Armitage Creek Restoration Project, Reaches 13 and 14, Overview," as prepared by Christopher B. Burke Engineering, Ltd., Project No. 040051.0D212A, dated January 15, 2025.
3. Plan set entitled "Village of Glendale Heights, Armitage Creek Stream Restoration Project, Reaches 13 and 14 (IEPA 319 and DuPage WQIP)," as prepared by Christopher B. Burke Engineering, Ltd., consisting of thirty-one (31) sheets, as identified below:
 - Cover sheet signed and sealed April 21, 2025; and,
 - Sheets 2-31 of 31, each dated April 21, 2025.

SPECIAL CONDITIONS OF PERMIT:

N/A

GENERAL CONDITIONS:

1. Per Section 15-58.B of the CSFO, temporary erosion and sediment control measures shall be functional and consistent with Article VII of the CSFO and the NPDES Stormwater Permit in effect prior to land disturbance activities. Therefore, the developer shall notify the Village of Glendale Heights and request/receive a site inspection of all required sediment and erosion control devices, prior to the commencement of construction activities.
2. Per Section 15-40.A of the CSFO, the requirement for Record Drawings (Section 15-47.B) applies to all developments that construct stormwater facilities, or include wetland, buffer or floodplain onsite. Therefore, upon construction of the development, as-built drawings of the site will be required to be submitted to Glendale Heights for review and approval. The as-built drawings must be prepared, signed and sealed by an Illinois registered land surveyor or professional engineer.

PERFORMANCE SECURITY: (N/A as a government project)

CC.

Applicant : Jedd Anderson, Christopher B. Burke Engineering, Ltd., jedd@cbbel.com

Owner : Village of Glendale Heights,

Sophia Morgan, USACE, Sophia.R.Morgan@usace.army.mil

File : SM2025-0084/ 25-18-0001 Armitage Creek Restoration



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, CHICAGO DISTRICT
231 SOUTH LA SALLE STREET, SUITE 1500
CHICAGO IL 60604-1437

August 6, 2025

Regulatory Branch (LRC-2025-00026)

SUBJECT: Nationwide Permit Authorization for the Stabilization of 963 Linear Feet of Reach 14 of Armitage Creek with New Riprap and +/- 2.7-acres of Surrounding Ecological Site Restoration/Enhancement in the Village of Glendale Heights, DuPage County, Illinois (Latitude 41.91085506, Longitude -88.05501225)

Jeff McCumber
Village of Glendale Heights
1615 Glen Ellyn Rd
Glendale Heights, Illinois 60139

Dear Mr. McCumber:

The U.S. Army Corps of Engineers, Chicago District, has completed its review of your pre-construction notification for the above referenced project, dated January 7, 2025, for authorization under the Nationwide Permit (NWP) Number 13 (Bank Stabilization), submitted on your behalf by Christopher B. Burke Engineering, Ltd.

This determination covers only your project as described above and as shown in the enclosed approved project plans titled, "Village of Glendale Heights; Armitage Creek Stream Restoration Project; Reaches 13 and 14 (IEPA 319 and DuPage WQIP)", received March 6, 2025, prepared by Christopher B. Burke Engineering, Ltd. Caution must be taken to prevent construction materials and activities from impacting waters of the United States beyond the scope of this authorization. If the design, location, or purpose of the project is changed, it is recommended that you contact this office to determine the need for further authorization.

The subject activity may be performed without further authorization from this office provided that the activity complies with the NWP terms and general conditions, the regional conditions for Illinois, the special conditions listed below, and the Section 401 Water Quality Certification ("WQC") conditions added by the Illinois Environmental Protection Agency ("IEPA"). The NWP Program terms, general conditions, and regional conditions are listed in the enclosed NWP Summary. The WQC conditions are listed in the enclosed Fact Sheet.

Specifically, we wish to draw your attention to: General Condition 21, which requires permittees to notify our office immediately in the event of discovery of previously unknown human remains, Native American cultural items, or archaeological artifacts; and a term of the NWP program, which states that NWPs do not obviate the need to obtain other federal, state, or local permits, approvals, or authorizations required by law.

In addition to the general, regional, and water quality conditions of this permit verification, the District Engineer has waived the 500-foot-length limit for this authorization, and has determined that the adverse environmental effects of this project are minimal, both individually and cumulatively, by requiring that the following special conditions also apply to this verification:

1. To avoid potential impacts to the northern long-eared bat (*Myotis septentrionalis*), tree clearing (trees 3" DBH or greater) shall only occur between October 1 and March 31 of any construction year.
2. This authorization is contingent upon implementing and maintaining soil erosion and sediment controls in a serviceable condition throughout the duration of the project. You shall comply with the Kane/DuPage Soil and Water Conservation District's (SWCD) written and verbal recommendations regarding the soil erosion and sediment control (SESC) plan and the installation and maintenance requirements of the SESC practices on-site.
 - a. You shall schedule a preconstruction meeting with SWCD to discuss the SESC plan and the installation and maintenance requirements of the SESC practices on the site. You shall contact the SWCD at least 10 calendar days prior to the preconstruction meeting so that a representative may attend.
 - b. You shall notify the SWCD of any changes or modifications to the approved plan set. Field conditions during project construction may require the implementation of additional SESC measures. If you fail to implement corrective measures, this office may require more frequent site inspections to ensure the installed SESC measures are acceptable.
 - c. Prior to commencement of any in-stream work, you shall submit construction plans and a detailed narrative to the SWCD that disclose the contractor's preferred method of cofferdam and dewatering method. Work in the waterway shall NOT commence until the SWCD notifies you, in writing, that the plans have been approved.
3. You shall fully implement the practices identified in the Best Management Practices (BMP) Maintenance and Monitoring (M&M) Plan titled, "Armitage Creek Restoration Project", dated February 13, 2025 (revised April 16, 2025), prepared by Christopher B. Burke Engineering, Ltd., within the first year of project construction. All BMP's shall meet performance criteria in accordance with the approved document. Your responsibility to complete the plan will not be considered fulfilled until you have demonstrated BMP success and have received written verification of that success from the U.S. Army Corps of Engineers.
4. Work in the waterway should be timed to take place during low or no-flow conditions. Low flow conditions are flow at or below the normal water elevation.
5. The plan must be designed to allow for the conveyance of the 2-year peak flow past the work area without overtopping the cofferdam. The Corps has the

discretion to reduce this requirement if documented by the applicant to be infeasible or unnecessary.

6. Water shall be isolated from the in-stream work area using a cofferdam constructed of non-erodible materials (steel sheets, aqua barriers, rip rap and geotextile liner, etc.). Earthen cofferdams are not permissible.

7. The cofferdam must be constructed from the upland area and no equipment may enter flowing water at any time. If the installation of the cofferdam cannot be completed from shore and access is needed to reach the area to be coffered, other measures, such as the construction of a causeway, will be necessary to ensure that equipment does not enter the water. Once the cofferdam is in place and the isolated area is dewatered, equipment may enter the coffered area to perform the required work.

8. If bypass pumping is necessary, the intake hose shall be placed on a stable surface or floated to prevent sediment from entering the hose. The bypass discharge shall be placed on a non-erodible, energy dissipating surface prior to rejoining the stream flow and shall not cause erosion. Filtering of bypass water is not necessary unless the bypass water has become sediment laden as a result of the current construction activities.

9. During dewatering of the coffered work area, all sediment-laden water must be filtered to remove sediment. Possible options for sediment removal include baffle systems, anionic polymers systems, dewatering bags, or other appropriate methods. Water shall have sediment removed prior to being re-introduced to the downstream waterway. A stabilized conveyance from the dewatering device to the waterway must be identified in the plan. Discharge water is considered clean if it does not result in a visually identifiable degradation of water clarity.

10. The portion of the side slope that is above the observed water elevation shall be stabilized as specified in the plans prior to accepting flows. The substrate and toe of slope that has been disturbed due to construction activities shall be restored to proposed or pre-construction conditions and fully stabilized prior to accepting flows.

Please note that IEPA has issued Section 401 Water Quality Certification for this NWP. The conditions of this WQC are automatically conditions of this NWP verification and are included in the enclosed Fact Sheet. If you have any questions regarding Section 401 certification, please contact IEPA's Division of Water Pollution Control, Permit Section #15, by telephone at (217) 785-6939.

This verification is valid until March 14, 2026, when NWP 13 is scheduled to be modified, reissued, or revoked. Furthermore, if you commence or are under contract to commence this activity before the date the NWP is modified, reissued, or revoked, you will have 12 months from the date of the modification, reissuance or revocation to

complete the activity under the present terms and conditions. Failure to comply with the general and regional conditions of this NWP, or any project-specific special conditions of this authorization, may result in the suspension or revocation of your authorization.

Once you have completed the authorized activity, please sign and return the enclosed compliance certification as required by General Condition 30. If you have any questions, please contact Ms. Sophia Morgan of this office by telephone at (312) 846-5542, or email at Sophia.R.Morgan@usace.army.mil.

Sincerely,

Teralyn R. Pompeii
Chief, Regulatory Branch

Enclosures

cc:

Christopher B. Burke Engineering, Ltd. (Jedd Anderson)
U.S. Fish and Wildlife Service (Shawn Cirton)
DuPage County Stormwater Management (Jenna Fahey)
Kane/DuPage SWCD (Tommy Purdom)



**PERMIT COMPLIANCE
CERTIFICATION**

Permit Number: LRC-2025-00026
Permittee: Jeff McCumber
Village of Glendale Heights
Date: August 6, 2025

I hereby certify that the work authorized by the above-referenced permit has been completed in accordance with the terms and conditions of said permit and if applicable, compensatory wetland mitigation was completed in accordance with the approved mitigation plan.¹

PERMITTEE

DATE

Within 30 days after completion of the activity authorized by this permit and any mitigation required by the permit, this certification must be signed and returned to the following address:

Email to: ChicagoRequests@usace.army.mil
Subject: Compliance Certification, LRC-2025-00026

Please note that your permitted activity is subject to compliance inspections by Corps of Engineers representatives. If you fail to comply with this permit, you may be subject to permit suspension, modification, or revocation.

¹ If compensatory mitigation was required as part of your authorization, you are certifying that the mitigation area has been graded and planted in accordance with the approved plan. You are acknowledging that the maintenance and monitoring period will begin after a site inspection by a Corps of Engineers representative or after thirty days of the Corps' receipt of this certification. You agree to comply with all permit terms and conditions, including additional reporting requirements, for the duration of the maintenance and monitoring period.



April 22nd, 2025

Jedd Anderson
Christopher B. Burke Engineering, Ltd.
9575 W Higgins Road, Suite 600
Rosemont, IL 60018

KDSWCD project number: 25e014
USACE project number: LRC-2025-071 (Reach 13) and LRC-2025-026 (Reach 14)
Date of Revised Plans: 4/10/2025
KDSWCD Approval Date: 4/22/2025

Dear Mr. Anderson,

KDSWCD received your revised soil erosion and sediment control plan submittal for the Armitage Creek Restoration 040051.D212A located in Glendale Heights, IL. **KDSWCD approval is contingent upon:**

1. The means, methods, and locations for any dewatering work should be coordinated with KDSWCD.
2. Backup BMPs shall be kept on-site in order to implement corrective actions following instances of noncompliance.
3. In-Stream means and methods should be communicated and confirmed at the preconstruction meeting (or additional meeting) prior to implementation.

This letter and a copy of the updated plans, kept in an accessible location on site, will serve to certify the erosion and sediment control plans meet technical standards. As a reminder, KDSWCD will visit the site several times during the course of the project to assess compliance with the specifications. Please note a pre-construction deposit is being held for this project and will be returned once notified, in writing, one week prior to the commencement of the project. We will be glad to address specific issues that may arise during the course of the project.

Sincerely,

Tommy Purdom, CPESC
Resource Conservationist

ECC:
Sophia Morgan | USACE
Jeff McCumber | Village of Glendale Heights
Isabella Borzeka, Emma Hunter | KDSWCD

Illinois EPA Grant Agreement 3192310

Armitage Creek Reaches 13 and 14 Restoration Project

(CBBEL Project No. 040051.D212A)

Revised December 29, 2025

Village of Glendale Heights

Jeff McCumber – Public Works Director

Village of Glendale Heights

Public Works Department

1615 Glen Ellyn Road

Glendale Heights, IL 60139

Phone: 630-260-6040

Email: jeff_mccumber@glendaleheights.org

10-Year Operations and Maintenance Plan (IEPA)

5-Year Maintenance and Monitoring Plan (USACE and DuPage County Requirements)



Introduction

The following Long-Term Management and Monitoring Plan guides execution of adaptive management of the restoration areas along and within the Armitage Creek project area. Goals and objectives of this 10-Year Operations and Maintenance Plan are to:

1. Control invasive plant species to promote and maintain higher quality native dominated plant communities.
2. Monitor, prevent, and direct remediation of soil erosion and sedimentation.
3. Maintain and protect the storm water management functions.
4. Preserve and encourage wildlife usage of the project site.

Performance Standards and Specifications

The Village of Glendale Heights will be responsible for funding and implementing a ten-year monitoring and management plan for the native vegetation restoration areas. **This plan covers the restoration identified on Engineering Plans.** This plan does not cover areas identified as lawn, existing or proposed. Please see the Engineering Plans for the specific areas of native seeding and planting that will be covered by this plan.

- **This plan services several agencies. DuPage County and the US Army Corps of Engineers require a 5-year program. Under the IEPA Grant a 10-year program is required.**

General Landscape Requirements

1. All plants and seed specified, except temporary cover crop, shall be native to the North Central Region of the United States.
2. Cover Crop: *Avena sativa* (Oats).
3. Native Seed Mixes: Nursery providing seed mix must be from within 150 miles of the project site.
4. No horticultural varieties shall be used. All native plant materials shall be straight species.

Installation Requirements

Areas to be planted with native species shall conform to the following requirements to insure establishment.

1. Planting areas shall have at least 6 inches of clean un-compacted topsoil. If determined to be necessary by the Engineer, soil shall be tilled to a depth of at least 6 inches to reduce compaction within the wetland and buffer restoration areas.
2. Cover crop may be planted immediately after grading or tilling to prevent erosion, if conditions are not conducive for native species seeding. Permanent native species shall be planted during the first available growing season at the appropriate time and conditions for such plantings.

Compliance & Final Acceptance of Planting

The maintenance and monitoring period for the Corps of Engineers and DuPage County will last for five (5) years or until acceptance of the native planting/seeding areas by the Corps of Engineers, DuPage County and the Village of Glendale Heights. If after five (5) years, the previously disturbed areas have not reached acceptance, meetings shall be held with DuPage County to determine the future course of action. The course of action can either be continued maintenance and monitoring of the area, or purchase of fee in lieu credit at the calculated deficit level.

- **An additional 5-years of Maintenance, Monitoring and Report will be completed to meet the requirements of the IEPA Section 319 Grant. The performance standards listed below for Year 5 shall apply to Year 10 for purposes of the IEPA Grant Compliance.**

Requirements

1. The Applicant shall notify the County upon completion of plantings.
2. The Village or their consultant shall inspect the plantings upon completion of all maintenance procedures and notify the County of the remedial actions taken.
3. Plantings shall meet the following minimum annual performance criteria. Areas which do not meet annual establishment standards as confirmed by the County shall be replanted and/or managed at developer's/owner's expense. Cover refers to uniform coverage within any square yard area.
 - a) First full growing season:
 - 90% cover of cover crop established.
 - No bare areas (<10 percent vegetative cover) greater than two (2) square feet.
 - At least 25% of vegetation cover/coverage shall be native, non-invasive species.
 - Invasive species control measures approved in the plan.
 - b) Second full growing season:
 - Full vegetative cover.
 - At least 50% of vegetation cover/coverage shall be native, non-invasive species.
 - Invasive species control measures approved in the plan.
 - There shall be no bare areas greater than 2 square feet.
 - c) Third through fifth full growing seasons:
 - At least 80% of vegetation cover/coverage per community (i.e., buffer, enhanced wetland) shall be native, non-invasive species.
 - None of the three most dominant species may be non-native or invasive.
 - Non-native species shall constitute no more than 25% relative aerial coverage (individually or cumulatively).
 - Invasive species control measures approved in the plan.
 - There shall be no bare areas greater than 2 square feet.
 - The native seeded and planted areas shall have a minimum native C-value of 3.5 and a minimum native FQI value of 20.0.
 - There shall be no more than 10 percent cover by non-native woody vegetation.
 - At least 100% of installed woody plants shall be alive, healthy, and representative of the species.
 - d) Invasive and non-native species, and non-native woody plant species not specified as part of the planting plan, shall be controlled by appropriate management practices. Invasive species for the purposes of this document shall include, but not be limited to, the following:

American Silver-Berry	(<i>Elaeagnus commutata</i>)
Ash-Leaf Maple	(<i>Acer negundo</i>)
Asian Bittersweet	(<i>Celastrus orbiculatus</i>)
Black Swallow-Wort	(<i>Vincetoxicum nigrum</i>)
Garden Bird's-Foot-Trefoil	(<i>Lotus corniculatus</i>)
Black Locust	(<i>Robinia pseudoacacia</i>)
Bradford Pear	(<i>Pyrus calleryana</i>)
Brittle Waternymph	(<i>Najas minor</i>)
Bull Thistle	(<i>Cirsium vulgare</i>)

Lesser Burdock	(<i>Arctium minus</i>)
Canadian Goldenrod	(<i>Solidago canadensis</i>)
Canadian Thistle	(<i>Cirsium arvense</i>)
Cattail species	(<i>Typha</i> spp.)
Chinese Yam	(<i>Discorea oppositifolia</i>)
Chinese Silver Grass	(<i>Miscanthus sinensis</i>)
Common Reed	(<i>Phragmites australis</i>)
Common Water-Hyacinth	(<i>Eichhornia crassipes</i>)
Crack Willow	(<i>Salix fragilis</i>)
Creeping-Jenny	(<i>Lysimachia nummularia</i>)
Crownvetch	(<i>Securigera varia</i>)
Curly Pondweed	(<i>Potamogeton crispus</i>)
Eurasian-Buttercup	(<i>Ficaria verna</i>)
Eurasian Water-Milfoil	(<i>Myriophyllum spicatum</i>)
European Barberry	(<i>Berberis vulgaris</i>)
European Buckthorn	(<i>Rhamnus cathartica</i>)
Garlic-Mustard	(<i>Alliaria petiolata</i>)
Giant Hogweed	(<i>Heracleum mantegazzianum</i>)
Glossy False Buckthorn	(<i>Frangula alnus</i>)
Greater Flowering-Rush	(<i>Butomus umbellatus</i>)
Hedge-Parsley	(<i>Torilis</i> spp.)
Japanese Barberry	(<i>Berberis thunbergii</i>)
Japanese Bristle Grass	(<i>Setaria faberi</i>)
Japanese Honeysuckle	(<i>Lonicera japonica</i>)
Japanese Hop	(<i>Humulus japonica</i>)
Japanese-Knotweed	(<i>Reynoutria japonica</i>)
Japanese Stilt Grass	(<i>Microstegium vimineum</i>)
Jetbead	(<i>Rhodotypos scandens</i>)
Kentucky Blue Grass	(<i>Poa pratensis</i>)
Kudzu	(<i>Puereria montana</i>)
Leafy Spurge	(<i>Euphorbia esula</i>)
Littleleaf Linden	(<i>Tilia cordata</i>)
Morrow's Honeysuckle	(<i>Lonicera morrowii</i>)
Mother-of-the-Evening	(<i>Hesperis matronalis</i>)
Nodding Plumeless-Thistle	(<i>Carduus nutans</i>)
Privet	(<i>Ligustrum</i> spp.)
Purple Loosestrife	(<i>Lythrum salicaria</i>)
Ragweed	(<i>Ambrosia</i> spp.)
Rambler Rose	(<i>Rosa multiflora</i>)
Reed Canary Grass	(<i>Phalaris arundinacea</i>)
Reed Manna Grass	(<i>Glyceria maxima</i>)
Russian Olive	(<i>Elaeagnus angustifolia</i>)
Sandbar Willow	(<i>Salix interior</i>)
Seaside Goldenrod	(<i>Solidago sempevirens</i>)
Showy Fly-Honeysuckle	(<i>Lonicera x bella</i>)
Spotted knapweed	(<i>Centaurea stoebe</i> subsp. <i>micranthos</i>)
Tall Goldenrod	(<i>Solidago altissima</i>)
Teasel	(<i>Dipsacus</i> spp.)

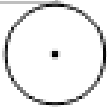
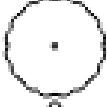
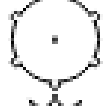


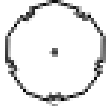
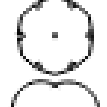


Tree-of-Heaven	(<i>Ailanthus altissima</i>)
Twinsisters	(<i>Lonicera tatarica</i>)
Watercress	(<i>Nasturtium officinale</i>)
Water-lettuce	(<i>Pistia stratiotes</i>)
Wild Parsnip	(<i>Pastinaca sativa</i>)
Winged Spindletree	(<i>Euonymus alatus</i>)
Yellow Sweet-Clover	(<i>Melilotus officinalis</i>)

4. Woody vegetation installed as part of this project shall have achieved at least 95% survival at the end of the **5-year management and monitoring period for the USACE and DuPage County, and 10-years for the IEPA Section 319 Grant.**

Planting and Seeding Lists

Trees and Shrubs

PLANT SCHEDULE 2

<u>SYMBOL</u>	<u>CODE</u>	<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>	<u>CONTAINER</u>	<u>QTY</u>
TREES					
	CAR OVA	Carya ovata / Shagbark Hickory	2.5" Cal.	B&B	3
	JUG NIG	Juglans nigra / Black Walnut	2.5" Cal.	B&B	4
	PT	Populus tremuloides / Quaking Aspen	2.5" Cal.	B&B	28
	QUE ALB	Quercus alba / White Oak	2.5" Cal.	B&B	9
	QUE RUB	Quercus rubra / Northern Red Oak	2.5" Cal.	B&B	10
ORNAMENTAL TREES					
	AME HVV	Amelanchier canadensis / Shadblow Serviceberry	5 gal.	Container	25
	CRA MOL	Crataegus mollis / Downy Hawthorne	6" Ht.	B&B	28
	MAL IAS	Malus ioensis / Prairie Crabapple	2.5" Cal.	B&B	16
	VIB LEN	Viburnum lentago / Nannyberry	5 gal.	Container	42

Low Profile Native Prairie Mix

Scientific Name	Common Name	Oz/Acre
Bouteloua curtipendula	Side-Oats Grama	10
Carex spp.	Prairie Sedge Mix	4
Elymus canadensis	Canada Wild Rye	32
Koeleria pyramidata	June Grass	1
Panicum virgatum	Switch Grass	1
Schizachyrium scoparium	Little Bluestem	32
Total Oz./Acre		80
Temporary Cover		Oz/Acre
Avena sativa	Common Oat	360
Lolium multiflorum	Annual Rye	100
Total Oz./Acre		460
Forbs		Oz/Acre
Anemone cylindrica	Thimbleweed	0.5
Asclepias tuberosa	Butterfly Weed	2
Aster ericoides	Heath Aster	0.25
Aster laevis	Smooth Blue Aster	0.75
Aster novae-angliae	New England Aster	0.25
Baptisia lactea	White Wild Indigo	
Chamaecrista fasciculata	Partridge Pea	15
Coreopsis lanceolata	Sand Coreopsis	5
Coreopsis palmata	Prairie Coreopsis	1
Dalea candida	White Prairie Clover	1.5
Dalea purpurea	Purple Prairie Clover	1.5
Echinacea purpurea	Broad-Leaved Purple Coneflower	7
Eryngium yuccifolium	Rattlesnake Master	2.5
Lespedeza capitata	Round-Headed Bush Clover	2
Liatris aspera	Rough Blazing Star	0.5
Monarda fistulosa	Wild Bergamot	0.75
Parthenium integrifolium	Wild Quinine	1
Penstemon digitalis	Foxglove Beard Tongue	0.5
Pycnanthemum virginianum	Common Mountain Mint	1
Ratibida pinnata	Yellow Coneflower	4
Rudbeckia hirta	Black-Eyed Susan	5
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	1
Silphium integrifolium	Rosin Weed	3
Silphium terebinthinaceum	Prairie Dock	0.5

Solidago nemoralis	Old-Field Goldenrod	0.5
Solidago rigida	Stiff Goldenrod	1
Tradescantia ohiensis	Common Spiderwort	1.75
Vernonia spp.	Ironweed Mix	1.75
Veronicastrum virginicum	Culver's Root	0.25
Total Oz./Acre		63.75

Wet Prairie Mix

All native seed mixes shall be installed with a granular form of endomycorrhizal inoculant at the rate specified per acre by the manufacturer.

Botanical Name	Common Name	Oz./Acre
Grasses/ Sedges / Rushes		
Carex cristatella	Crested Oval Sedge	2.00
Carex lurida	Bottlebrush Sedge	4.00
Carex vulpinoidea	Brown Fox Sedge	6.00
Elymus virginicus	Virginia Wild Rye	48.00
Glyceria striata	Fowl Manna Grass	24.00
Juncus effusus	Common Rush	1.00
Juncus torreyi	Torrey's Rush	1.00
Leersia oryzoides	Rice Cut Grass	48.00
Panicum virgatum	Switch Grass	48.00
Scirpus atrovirens	Dark Green Rush	1.00
Scirpus cyperinus	Wool Grass	0.50
Scirpus fluviatilis	River Bulrush	0.50
Scirpus validus	Great Bulrush	6.00
	Total Oz./Acre	190.00
Forbs		
Alisma spp.	Water Plantain Mix	2.00
Asclepias incarnata	Swamp Milkweed	3.00
Bidens spp.	Bidens Mix	3.00
Helenium autumnale	Sneezeweed	3.00
Lycopus americanus	Water Horehound	1.00
Mimulus ringens	Monkey Flower	1.00
Penthorum sedoides	Ditch Stonecrop	1.00
Polygonum pensy.	Pinkweed	4.00
Rudbeckia sub.	Black-Eyed Susan	6.00

Sagittaria latifolia	Common arrowhead	1.00
Senna hebecarpa	Wild Senna	1.00
Thalictrum das.	Purple Meadow Rue	3.00
	Total Oz./Acre	29.00
Temporary Cover		
Avena sativa	Common Oat	960.00

Woodland Planting Areas

Seed		
Scientific Name	Common Name	Oz/100 SqFt
Anemone cylindrica	Thimbleweed	0.25
Asarum canadense	Wild Ginger	1.6
Desmodium illinoense	Illinois Tick Trefoil	1.3
Dodecatheon meadia (Primula m)	Shooting Star	0.1
Sanguinaria canadensis	Bloodroot	2
Trillium grandiflorum	Large Flowered Trillium	2
Seed Oats	Seed Oats	1
Live Plants - Installed on 2 foot centers		
Scientific Name	Common Name	Qty/100 SqFt
Asarum canadense	Wild Ginger	8
Erythronium albidum	Trout Lily	8
Podophyllum peltatum	Mayapple	8
Spiranthes ovalis	Ladies Tresses	8
Trillium spp.	Trillium	8
Plants per Woodland Planting Area (5 locations/plots)		
Scientific Name	Common Name	Qty/Plot
Cypripedium pubescens	Yellow Lady's Slipper Lily	2
Trientalis borealis	Star Flower	2
Scientific Name	Common Name	Seeds/Plot
Trientalis borealis	Star Flower	30
	Total Seeds	150

5. Semi-annual monitoring shall be performed during each year of the **five-year monitoring period for the USACE and DuPage County and 10-years for the IEPA Section 319 Grant** and until final acceptance by USACE, DuPage County and the Village of Glendale Heights.

Springtime monitoring shall occur in late May/June; fall monitoring shall occur in August, September, or early October. Monitoring will involve meander surveys, tree/shrub counts, and photo-documentation of the wetland buffer and the wetland (restoration area and wetland enhancement area). Meander survey methodology will involve a review of at least 20 percent of each vegetative community (i.e., buffer, wetland, stream corridor) to take representative photographs and identify the following:

- a. all plant species (native and non-native) in each zone,
 - b. the three most dominant species within each planting zone,
 - c. the percent survival of installed woody species,
 - d. the approximate percent ground cover by native species per zone,
 - e. the percent ground cover by non-native or invasive species per zone,
 - f. erosion and sedimentation problems,
 - g. water level or drainage problems,
 - h. areas larger than 2 square feet that are devoid of vegetation (i.e., less than 10 percent vegetative cover), and
 - i. observations on specific management strategies necessary to achieve acceptance requirements.
6. Annual monitoring reports shall be submitted to DuPage County by January 31st of the following year. The report will contain a location map, a summary of annual monitoring observations, a description of management performed during the year, a summary of annual progress relative to acceptance standards, and a list of recommendations for management during the upcoming year.
 7. A final compliance report and Long-Term Operation and Maintenance Plan shall be submitted by the Developer/Owner's Environmental Specialist no less than 60 days prior to the expiration of the landscape Cash Bond or Letter of Credit, certifying that the planting meets the performance criteria and requesting the release of the landscape security. Final acceptance and release shall be determined by the County upon inspection of the site to verify compliance.
 8. Should the performance criteria not be met within the allotted time, the County shall require that the area be replanted, or a remedial action plan be submitted for approval at developer's/owner's expense. An extension to the landscape Cash Bond or Letter of Credit will be required for a period of at least one year. A revised compliance report shall be submitted by the developer/owner's Environmental Specialist with follow-up inspection by the County shall demonstrate compliance with the performance criteria as a condition of release of the landscape Cash Bond or Letter of Credit.

Maintenance Requirements

Maintenance shall be completed through final acceptance of the project site by the Corps of Engineers, DuPage County and the Village of Glendale Heights.

- 1) Prescribed burning will be completed following the initial herbicide application, and weather permitting additional burn will occur in years 3 and 5.
- 2) Application of herbicide to control weedy or invasive species will be completed to control weeds and invasive species. A certified and licensed pesticide applicator shall select herbicide, which is non-toxic to animal and aquatic life, and shall apply the herbicide by the appropriate method, to prevent killing of desirable native species.
- 3) Mowing will be completed several times the first growing season following seeding to minimize

growth of weedy or invasive species. Mowing may also be completed as a surrogate to prescribed burning, if weather prevents a burn from occurring.

Vegetative BMP Adaptive Management Guidelines

At least 2 growing season visits will be completed each year to evaluate:

Plan:

- Identify management issues (e.g. weed infestations)
- Identify management goals (e.g. weeds managed, native seeding)
- Determine management strategies available (e.g. herbicide, hand pulling, burning)
- Select appropriate management action (e.g. hand removal)
- Determine what will be monitored and how (e.g. establish a fixed point in field)
- Determine how change and success will be evaluated (e.g. absence of weeds one month or one year after removal)

Do:

- Carry out action (e.g. remove weeds)

Monitor:

- Monitor results (e.g. revisit site to determine success of activities)

Review:

- Assess previous management strategy and modify plan as necessary to adapt to current site conditions

Return to Planning – begin again, **Adapt** to new site conditions.

The activities completed shall conform to the following:

- Conform to all applicable state and federal regulations and herbicide label directions controlling the loading, mixing, use, storage, and containment of herbicides
- Use only compounds registered and approved by EPA and IEPA.
- Use a Certified Pesticide Applicator to conduct all herbicide applications.
- Complete spray operations when meteorological conditions are favorable.
- Use the lowest pressure, largest droplet size, and largest volume of water permitted by the herbicide label to obtain adequate treatment success.
- Choose the most effective herbicide that requires the least number of applications.
- Choose the lowest effective rate of application.
- Use only those herbicides with aquatic labeling within no-spray buffer areas around water courses, when necessary.
- Inspect and maintain herbicide application equipment.

Annual Report

An annual report shall be submitted to the Corps of Engineers, DuPage County and Glendale Heights by January 31st of each year this plan is in effect.

Years 5 through 10 Additional Operations and Maintenance Requirements (IEPA Section 319 Grant Required)

Maintenance and management tasks include invasive weed control and periodic monitoring of the natural areas. Invasive species control may be achieved using methods such as prescribed burn management, mowing, or chemical control using herbicides approved for use in aquatic/wetland environments. Proper hydrology should be maintained through periodic inspection of all onsite stormwater management structures (SMS). Proper function of SMS should be maintained by performing periodic maintenance of the devices to prevent blockages, or other failures.

Periodic monitoring visits are recommended to determine the extent of each task to be completed in any given year. The Village or their contractors shall complete at least 2 growing season monitoring visits each year. The following matrix lists regular maintenance and management activities that shall be completed according to schedule.

Required Maintenance and Management Tasks Schedule

TASK	Jan-Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov-Dec
Monitoring Visits			X		X		X		X	
Debris Management		X		X		X		X		X
Storm water Structure Maintenance		X		X		X		X		X
Prescribed Burn *		X	X							X
Invasive Weed Control				X	X		X	X		

***All tasks are recommended to be implemented annually except for prescribed burns, which are suggested once every 2 or 3 years in one of the identified months.**

1. Site Monitoring Visits: Periodic site monitoring visits shall be completed to identify site conditions and deficiencies. Any deficiencies shall be documented along with recommendations for appropriate remediation. Site visits should be summarized in a short report with photographs for record keeping. If action items/remedial tasks are required, follow up visits shall be completed to complete work and that work shall be documented.
2. Debris Management: All trash, brush, grass clippings, debris, etc. shall be periodically removed from the stream and riparian buffer areas. Landscape waste should not be dumped into these areas. If dumping is identified, if possible, the perpetrator should be contacted and requested to stop future encroachment and dumping. If dumping occurs, Glendale Heights shall contact code and law enforcement to address the situation.
2. Stormwater Structure Maintenance: All storm water control structures, culverts, and grates, etc. that are located within the area are covered by this document should be inspected, cleaned out, or repaired, as necessary, periodically to prevent clogging and potential flooding.
4. Soil Erosion Control Management: If erosion or sedimentation issues are identified, they shall be repaired/resolved as quickly as possible. All soil erosion control devices or materials, such as seed, erosion control blanket, or mulch should be installed according to manufacturer's directions or accepted industry standards.
5. Prescribed Burn Management: Prescribed burning reduces the accumulation of plant litter and promotes establishment of native vegetation. Burning shall only be performed by qualified burn managers. Periodic burning once every three to five years shall be completed, weather

permitting. If prescribed burning is not possible, low or high mows shall be completed to obtain similar management goals.

6. Invasive Weed Control: Teasel, field thistle, ragweed, Japanese knotweed reed canary grass, sandbar willow, common reed, buckthorn, and other invasive and non-native weeds shall be controlled by the following:
 - mechanically, using spot-mowing between June 1 and August 1,
 - culturally using prescribed fire (as fuels allow) once every three to four years; or
 - chemically through the application of herbicide to persistent perennial weeds in cases where mowing is ineffective; or
 - mowing of annual and biennial weeds such as giant ragweed and sweet clover is the preferred non-chemical means to control these weeds.
 - a combination of methods.
7. Recordkeeping: Records of management activities shall be maintained by the Village and their Consultant. Records shall include a review of management activities and their results, including photo documentation and the proposed actions for the next year.