



City of Aurora, IL

## **2025 R.O.W. MAINTENANCE PROGRAM**

### **25-184**

RELEASE DATE: July 23, 2025

DEADLINE FOR QUESTIONS: July 30, 2025

RESPONSE DEADLINE: August 6, 2025, 11:00 am

Please refer to the project timeline in this document for all important deadlines.

RESPONSES MUST BE SUBMITTED ELECTRONICALLY TO:

<https://procurement.opengov.com/portal/aurorail>

## Table Of Contents

1. INSTRUCTIONS TO BIDDERS
2. GENERAL REQUIREMENTS
3. SCOPE OF WORK
4. PRICING TABLE
5. VENDOR SUBMISSIONS

Attachments:

A - 2025 R.O.W. Maintenance Program - Bid Proposal Package

## INSTRUCTIONS TO BIDDERS

### 1. SUMMARY

The City of Aurora, IL invites you to bid on the 2025 R.O.W. Maintenance Program, which includes hardscape improvements throughout the City.

### 2. TIMELINE

Release Project Date:	July 23, 2025
Question Submission Deadline:	July 30, 2025, 8:00am
Response Submission Deadline:	August 6, 2025, 11:00am

### 3. ACCEPTANCE OF BID PROPOSALS

a. Bidders intending to respond to this opportunity must create a FREE account with OpenGov by signing up at <https://procurement.opengov.com/signup>. This step is necessary to establish a communication link with the City. The Bidder, not the City, is responsible for obtaining any addenda to the original specification. Addenda and other relevant information will be posted on the City’s E Procurement System. Addenda notifications will be emailed to all persons on record as following this Bid. Failure of any bidder to receive any such addenda or interpretation shall not relieve such bidder from any obligation under their bid proposal as submitted. All addenda so issued shall become part of the contract documents. **Paper submissions will not be accepted.** Bidders intending to respond to this opportunity must create a FREE account with OpenGov by signing up at <https://procurement.opengov.com/signup>. This step is necessary to establish a communication link with the City. The Bidder, not the City, is responsible for obtaining any addenda to the original specification. Addenda and other relevant information will be posted on the City’s E Procurement System. Addenda notifications will be emailed to all persons on record as following this Bid. Failure of any bidder to receive any such addenda or interpretation shall not relieve such bidder from any obligation under their bid proposal as submitted. All addenda so issued shall become part of the contract documents. **Paper submissions will not be accepted.**

b. Bids may be received up to, but no later than the designated date and time as specified via the City’s E Procurement System, OpenGov. The City’s E Procurement System Clock is the official clock for the determination of all deadline dates and times. Without exception, responses will not be accepted after the submission deadline regardless of any technical difficulties such as poor internet connections. The City of Aurora strongly recommends completing your responses well ahead of time. All bids shall have provided all requested information, and submitted all appropriate forms, certificates, affidavits and addendum acknowledgements in order to be considered responsive.

c. Bids must be submitted on the forms provided and all information and certifications called for must be furnished. Bids submitted in any other manner, or which fail to furnish all information or certificates required, may be summarily rejected. Bids may be modified or withdrawn prior to the time specified for the opening of bids through the City’s E Procurement System. Bids shall be filled out legibly in ink or type-written with all erasures, strikeovers and corrections initialed in ink by the person signing the bid. The bid shall include the legal name of the bidder, the complete mailing address, and be signed in ink by

a person or persons legally authorized to bind the bidder to a Bid. Name of person signing should be typed or printed below the signature.

d. The City of Aurora reserves the right at any time and for any reason to accept or reject any or all Bids or portion thereof, or accept an alternate bid. The City reserves the right to waive any immaterial defect in any bid, or technicality, informality or irregularity in the bids received, and to disregard all nonconforming or conditional bids or counter-proposals. Unless otherwise specified by the bidder or the City, the City reserves the right to hold the best bids for ninety (90) days from the opening date. Bidder agrees to accept a notice of award, if selected, based on the terms of this Bid Proposal in the event that a notification of award is received on or before expiration of the 90-day time period. The City reserves the right to cancel the Bid Proposal at any time, without liability for any loss, damage, cost or expense incurred or suffered by any Bidder as a result of that cancellation. Each Bidder is solely responsible for the risk and cost of preparing and submitting a Bid Proposal.

e. Although price is a consideration, qualifications and experience, capacity to handle the work, and response to the bid, will also be considered. No Bid Proposal will be considered unless the Bidder shall furnish evidence satisfactory to the City that they have the necessary facilities, abilities, experience, equipment, and financial and physical resources available to fulfill the conditions of the Bid and execute the Work should the Bid be awarded to them. Bid Proposal documents which are not responsive to the requirements herein may not be considered by the City for an award of the Bid.

The Bid will be awarded to the lowest responsive responsible Bidder. In determining the responsibility of any Bidder, the City may take into account other factors such as past records of its or other entities transactions with the Bidder, experience, ability to work cooperatively with the City and its staff, adequacy of equipment, ability to complete performance within necessary time limits, and other pertinent considerations such as, but not limited to, reliability, reputation, competency, skill, efficiency, facilities and resources.

The Bidder will be awarded in the City's best interests based on these and other legally-allowable considerations. The City and its representatives and agents may make any investigations deemed necessary to determine the ability of the Bidder to perform the Work. The Bidder shall furnish any information and data requested by the City for this purpose.

#### **4. RECEIPT OF BID PROPOSALS**

- A. **Bids must be submitted electronically**, up to, but no later than the designated date and time as specified via the City's E Procurement System, OpenGov. It is the sole responsibility of the Bidder to see that their Bid Proposal is received in the proper time.
- B. **Bids must be submitted electronically via the City's E Procurement System. There will be no exceptions!**

#### **5. WITHDRAWAL OF BID PROPOSALS**

**Bids may be withdrawn prior to the deadline for submitting bid proposals through the City's E Procurement System, the responding bidder may "un-submit" their proposal in OpenGov.** After withdrawing a previously submitted proposal, the responding bidder may submit another proposal at any time up to the deadline for submitting bid proposals prior to the opening.

Bidders are cautioned to verify their bids before submission. Negligence on the part of the bidder in preparing the bid confers no right for withdrawal or modification of the bid after it has been opened. Bidders may not withdraw their bid after the opening without the approval of the Director of Purchasing. Requests to withdraw a bid must be in writing and properly signed. No bid proposal will be opened or accepted, which is received after the time and date scheduled for the Bid Proposals to be received.

## 6. BID DEPOSIT

Each Bidder shall deposit with Bid a Bid guarantee consisting of a bank draft, Bid bond, cashier's check, or certified check drawn on a good and solvent National or State Bank and payable to the order of the City, in an amount not less than ten percent (10%) of the total amount of the Bid submitted, as a guaranty that in case the Bidder's Bid is accepted, the Bidder shall within one day after the date of such acceptance and notification thereof, deliver to the City a contract signed and executed by the Bidder, proper insurance certificates and a Performance and Payment Bond in one hundred percent (100%) of the contract sum furnished by a responsible bonding company acceptable to and written upon forms prepared or approved by the City as security for payment of labor and materials and for the faithful performance of the contract and compliance with the provisions of law relating to the payment of prevailing rate of wages. **Bid Deposit MUST be uploaded electronically with submission through the City's E Procurement System, OpenGov.** Upon notification from the City, Bidder's must deliver ORIGINAL Bid Deposit within three (3) business days. All Bid deposits will be retained by the City until a Bid award is made, at which time the Bid deposit will be promptly returned to the unsuccessful Bidders. The Bid deposit of the successful Bidder will be retained until the equipment, goods or services have been received or completed and found to be in compliance with the specifications. Performance by the Bidder shall not be considered complete, until final inspection and acceptance by the City of the Bidder's Work. Final inspection shall occur within 30 days after the actual completion of the Work. Execution of the contract is contingent upon receipt of an acceptable Performance and Payment Bond and any required certificates of insurance. Upon failure to meet the requirements of this paragraph, the Bidder shall forfeit the amount deposited as liquidated damages and no mistakes or errors on the part of the Bidder shall excuse the Bidder or entitle him to a return of the aforementioned amount.

## 7. AWARD

It is the intent of the City to award the bid to the lowest responsive responsible bidder meeting specifications. Award will be based on the following factors, but not limited to (where applicable): (a) adherence to all conditions and requirements of the bid specifications; (b) price; (c) qualifications of the bidder, including past performance, financial responsibility, general reputation, experience, service capabilities, and facilities; (d) delivery or completion date; (e) product appearance, workmanship, finish, taste, feel, overall quality, and results of product testing; (f) maintenance costs and warranty provisions; and (g) repurchase or residual value.

If the Bidder modifies limits, restricts or subjects his bid proposal to conditions that would change the requirements of the bid, this would be considered a conditional or qualified Bid Proposal and will not be accepted. The City reserves the right to delete any item listed in the bid.

## 8. PRICES

The price quoted for each item is the full purchase price, including delivery to destination and includes all transportation and handling charges, premiums on bonds, material or service costs and all other overhead

charges of every kind and nature. Unless otherwise specified, prices shall remain firm for the duration of the purchase.

Unit prices shall not include any local, state or federal taxes. In case of mistake in extension of price, unit price shall govern.

## **9. DISCOUNTS**

Prices quoted must be net after deducting all trade and quantity discounts. Where cash discounts for prompt payment are offered, the discount period shall begin with the date of receipt of a correct invoice or receipt or final acceptance of goods, whichever is later.

## **10. TAXES**

The City of Aurora is exempt, by law, from paying State and City Retailer's Occupation Tax, State Service Occupation Tax, State Use Tax and Federal Excise Tax (per Illinois Revised Statutes, Chapter 120, Paragraph 44) upon City works and purchases. The City of Aurora's Sales Tax Exemption Number is E9996-0842-07.

## **11. INTERPRETATION OR CORRECTION OF BIDDING DOCUMENTS**

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

## **12. SIGNATURES**

Bid Proposals must be signed by the Bidder with his/her usual signature. Bid Proposals by partnerships must be signed with the partnership name by all members of the partnership, or an authorized representative, followed by the signature and title of the person signing. Bid Proposals by corporations must be signed with the name of the corporation, followed by the signature and title of the person authorized to bind it in the matter.

When a corporation submits a Bid Proposal, its agent must present legal evidence that he has lawful authority to sign said Bid Proposal and that the corporation has a legal existence. In the event that any corporation organized and doing business under the laws of any foreign state is the successful Bidder, such corporation must present evidence before any Bid is executed that it is authorized to do business in the State of Illinois. Bidders by corporations must be executed in the corporate name by the President or a Vice President (or other corporate officer accompanied by evidence of authority to sign), and the signature must be attested by the Secretary or an Assistant Secretary, along with the corporate seal. The corporate address and state of incorporation must be shown below the signature. Bid Proposals by partnerships must be executed in the partnership name and signed by a partner whose title must appear under the signature, and the official address of the partnership must be shown below the signature. Any corrections to entries made on the Bid Proposal forms shall be initialed by the person signing the Bid Proposal. When requested by the City, satisfactory evidence of the authority of any signature on behalf of the Bidder shall be furnished.

## **13. DEMONSTRATIONS**

Bidders are required, if requested to do so, to affect a demonstration of the item(s) being Bid if the City feels it has insufficient knowledge of the item's operations or performance capability. Such demonstration must be at a site which is most convenient and agreeable to the effected City personnel.

#### **14. REFERENCES**

Sufficient references of all like public and/or private agencies must be submitted in the Vendor Submission section. Listing must include company name, contact person, telephone number and date purchased. All Bidders, as a condition of and prior to entry into a contract, agree that a complete background investigation of the principals of the Bidder and all employees who will work on the project may be made. Bidders agree to cooperate with the appropriate City of Aurora personnel to supply all information necessary to complete these investigations. The City of Aurora in its complete discretion may disqualify any Bidder, including low Bidder, and may void any contract previously entered into based on its background investigation.

#### **15. ELIGIBILITY**

By signing this bid, the bidder hereby certifies that they are not barred from bidding on this Bid as a result of a violation of Article 33E, Public Bids of the Illinois Criminal Code of 1961, as amended (Illinois Compiled Statutes, 720 ILCS 5/33E-1).

#### **16. DATA**

Complete and detailed brochures and vehicles, equipment, materials, goods, supplies and/or services to be furnished must be included with each Bid.

#### **17. QUESTIONS**

Bidders shall submit all inquiries, including requests for alternates or substitutions regarding this bid, up to, but **no later than the designated date and time as specified via the City's E Procurement System, OpenGov.** All answers to inquiries will be posted on the City's E Procurement System. Bidders may also click "Follow" on this bid to receive an email notification when answers are posted.

**No questions will be accepted or answered verbally.**

**No questions will be accepted or answered after the cut-off date/time.**

**It is the responsibility of the interested bidder to ensure they have received addenda, if any issued.**

## **GENERAL REQUIREMENTS**

### **1. REQUIREMENTS OF BIDDER**

The successful Bidder may be required to (a) enter into a fully signed Bid in writing with the City of Aurora covering matters and things as are set forth in the Bid Proposal Package; and (b) carry insurance acceptable to the City covering public liability, property damage and workers compensation.

### **2. CITY'S AGENT**

The Director of Purchasing, or delegate, shall represent and act for the City in all matters pertaining to the bid proposal and Bid in conjunction thereto.

### **3. BONDS AND INSURANCE**

The Bidder will be required to furnish a Performance and Payment Bond in the amount of one hundred percent (100%) of the full contract price, Public Liability Insurance, and Workers Compensation Insurance; all of which shall be acceptable to the City of Aurora.

The Bidder awarded the project will need to provide performance and payment bonds for one year with a letter attached from the bond company certifying that the bond may be automatically renewed for the second year.

The term Payment Bond shall be understood to mean the bond executed by the Bidder and his surety guaranteeing the payment of all sums of money due for any labor, materials, apparatus, fixtures, or machinery furnished to such principal for the purpose of performing the contract work.

The term Performance Bond shall be understood to mean the bond, executed by the contractor and his surety, guaranteeing complete execution of the contract.

Proof of liability insurance coverage through a reputable, recognized carrier shall be provided at the time of acceptance and signing of the contract and shall remain current for the duration of the contract.

The City of Aurora, by showing and substantiating sufficient proof of incompetence, negligence, poor or substandard workmanship which would cause unwarranted damage or deterioration of either premises, contents or appendages, reserves the right to terminate said Contractor without recourse from the City by successful Contractor.

### **4. INVESTIGATION**

It shall be the responsibility of the Bidders to make any and all investigations necessary to become thoroughly informed of what is required and specified in the bid. No plea of ignorance by the Bidders of conditions that exist or may hereafter exist as a result of failure or omission on the part of the Bidder to make the necessary examinations and investigations will be accepted as a basis for varying the requirements of the City of the compensation to the Bidder.

Each Bidder submitting a bid proposal is responsible for examining the complete Invitation to Bid Package and all Addenda, and is also responsible for informing itself of all conditions that might in any way affect the cost or the performance of any Work. Failure to do so will be at the sole risk of the Bidder, and no relief will be given for errors or omissions by the Bidder. If awarded the Bid, the Bidder will not be allowed any extra compensation by reason of any matter or thing concerning which such Bidder should have fully informed

himself, because of his failure to have so informed himself prior to submitting the bid proposal. The submission of a bid proposal shall be construed as conclusive evidence that the Bidder has made such examination as is required in this section and that the Bidder is conversant with local facilities and difficulties, the requirements of the Invitation to Bid documents, and of pertinent, local, state and federal laws and codes, prevailing local labor and material markets, and has made due allowance in its bid proposal for all contingencies.

## 5. BIDDER CAPABILITY

The City reserves the right to require of the Bidder proof of his/her capability to perform as required by the specifications. However, prequalification of the Bidder shall not be required. The City may, at its option, disqualify a Bidder and reject his bid proposal for cause. Reasons deemed sufficient for this action shall include, but not be limited to, the following:

Evidence of collusion among Bidders.

- Receipt of more than one bid proposal on any project from an individual, or from a corporation. This restriction does not apply to subcontractors.
- Default on any previous Bid.
- Unreasonable failure to complete a previous Bid within the specified time or for being in arrears on an existing Bid without reasonable cause for being in arrears.
- Inability to perform as revealed by an investigation of the Bidder's financial statement, experience and/or plant and equipment.
- **Any Bidder who owes the city money may be disqualified at the City's discretion.**

## 6. ALTERNATE PROPOSALS

The specifications are prepared to describe the goods and/or service which the City deemed to be in the best interest to meet its performance requirements. Bidders desiring to submit a Bid Proposal on items which deviate from the stated specifications, but which they believe to be equal, may do so by submitting all inquiries via the City's E Procurement System, OpenGov, but all specification deviations must be clearly stated. Bidders shall submit all inquiries, including requests for alternates or substitutions regarding this bid via the City's E Procurement System by the designated date and time. All answers to inquiries, including requests for alternates or substitutions, will be posted on the City's E Procurement System. Bidders may also click "Follow" on this bid to receive an email notification when answers are posted. It is the responsibility of the interested bidder to ensure they have received addendum, if any issued. The Purchasing Director reserves the right to rule upon specification deviation in a manner as best befits the needs of the City. The Purchasing Director will reject all deviations that amount to material nonconformity with the specifications of the Bid Proposal.

## 7. PAYMENT

Payment shall be made for services rendered. The City, after inspection and acceptance, and in consideration of the faithful performance by the Proposer, agrees to pay for the completion of the work embraced in this contract, payment shall be made in accordance with the Illinois Local Government Prompt Payment Act (50 ILCS 505/1, et. seq.) upon receipt of the invoice.

Time, in connection with any discount offered, will be computed from the date of delivery to the City or from the date a correct invoice is received by the City of Aurora Purchasing Division, if the latter date is later than the date of delivery.

Prices will be considered NET, if no payment discount is shown.

**Invoices MUST contain the Purchase Order Number, as issued by the City.**

The successful Bidder shall submit invoices via e-mail to:

[PurchasingDL@aurora.il.us](mailto:PurchasingDL@aurora.il.us)

or Mail to the following address:

**City of Aurora**

**Attn: Purchasing Division**

**44 E. Downer Place**

**Aurora, IL 60507**

The City of Aurora offers electronic funds transfer (EFT) payment to our vendors. EFT is fast, simple, safe and secure and is *our preferred method of payment!*

## **8. DEFAULT**

Time is of the essence of this bid and if delivery of acceptable items or rendering of services is not completed by the time promised, the City reserves the right, without liability, in addition to its other rights and remedies, to terminate the Bid by notice effective when received by Bidder, as to stated items not yet shipped or services not yet rendered. The City will procure articles or service from other sources and hold the Bidder responsible for any excess cost incurred as provided for in Article 2 of the Uniform Commercial Code.

## **9. INSPECTION**

Materials or equipment purchased are subject to inspection and approval at the City's destination. The City reserves the right to reject and refuse acceptance of items which are not in accordance with the instructions, specifications, drawings or data of Bidder's warranty (express or implied). Rejected materials or equipment shall be removed by, or at the expense of, the Bidder promptly after rejection.

## **10. WARRANTY**

Bidder warrants that all goods and services furnished hereunder will conform in all respects to the terms of the solicitation, including any drawings, specifications or standards incorporated herein, and that they will be free from latent and patent defects in materials, workmanship and title, and will be free from such defects in design. In addition, Bidder warrants that said goods and services are suitable for, and will perform in accordance with, the purposes for which they are purchased, fabricated, manufactured and designed or for such other purposes as are expressly specified in this solicitation.

## **11. CANCELLATION**

The City reserves the right to cancel the whole or any part of the Bid if the Bidder fails to perform any of the provisions in the Bid or fails to make delivery within the time stated. The Bidder will not be liable to perform if situations arise by reason of strikes, acts of God or public enemy, acts of the City, fires or floods.

## **12. PERMITS AND LICENSES**

The successful Bidder shall obtain, at its own expense, all permits and licenses which may be required to complete the contract.

## **13. PATENT**

The successful Bidder agrees to indemnify, protect, defend, and save the City of Aurora and its officers and employees, harmless against any demand for payment for the use of any patented material process, article, or device that may enter into the manufacture, construction, presentation or form a part of the Work covered by the contract.

## **14. COMPLIANCE WITH LAWS AND REGULATIONS**

The Bidder shall at all times observe and comply with all Federal, State, Municipal and other local laws, ordinances, regulations, and requirements which in any manner affect the conduct of the Work, and with all Federal, State and local laws and policies of non-discrimination, sexual

harassment, prevailing wages and others applicable thereto; and all such orders or decrees as exist at the present and which may be enacted later, of bodies or tribunals having jurisdiction or authority over the Work, and no plea of misunderstanding or ignorance thereof will be considered. He shall indemnify and save harmless the City and all its officers, agents, employees and servants against any requirement, claim or liability arising from or based on the violation of any such law, ordinance, regulation, order or decree, whether by himself or his employees.

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

## **15. INSURANCE AND HOLD HARMLESS PROVISION**

At the Bidder's expense, the Bidder shall secure and maintain in effect throughout the duration of this Bid, insurance of the following kinds and limits to cover all locations of the Bidder's operations. The Bidder shall furnish Certificates of Insurance to the City before starting or within ten (10) days after the execution of the Bid, whichever date is reached first. All insurance policies shall be written with insurance companies approved by the City of Aurora and licensed to do business in the State of Illinois and having a rating of not less than A IX, according to the latest edition of the A.M. Best Company; and shall include a provision preventing cancellation of the insurance policy unless thirty (30) days prior written notice is given to the City. This provision shall also be stated on each Certificate of Insurance as: "Should any of the above-described policies be canceled before the expiration date thereof, the issuing company will endeavor to mail 10 days written notice to the certificate holder named to the left". Upon requested, the awardee of this Bid will give the City a copy of the insurance policies. The policies must be delivered to the City within two weeks of the request. The limits of liability for the insurance required shall provide coverage for not less than the following amount, or greater where required by law:

- (1) Worker's Compensation Insurance - Statutory amount.

- (2) General Liability Insurance:
  - (a) \$1,000,000 per occurrence and \$2,000,000 general aggregate
  - (b) \$500,000 per occurrence for Property Damage
  - (c) \$1,000,000 per occurrence for Personal Injury
- (3) Auto Liability Insurance:
  - (a) Bodily injury with limits not less than \$1,000,000
  - (b) Property damage with limits not less than \$500,000
- (4) Umbrella excess liability of \$1,000,000 per occurrence, \$2,000,000 aggregate

The Bidder shall include the City as a primary, non-contributory additional named insured on both General and Auto Liability Insurance policies and indicate said status on any Certificates of Insurance provided to the City pursuant to this project. All insurance premiums shall be paid without cost to the City.

The Bidder agrees to indemnify and save harmless the City of Aurora, their agents and employees from and against all loss and expenses (including costs and attorneys' fees) by reason of liability imposed by law or claims made upon the City of Aurora for damages because of bodily injury, including death at any time resulting therefrom sustained by any person or persons or on account of damage to property, including loss of use thereof, arising out of or in consequence of the performance of this project work, whether such claims or injuries to persons or damage to property be due to the negligence of the Bidder or his Subcontractors. The Bidder shall assume total risk and shall be responsible for any and all damages or losses caused by or in any way resulting from the work and provide all insurance necessary to protect and save harmless the City of Aurora and its employees.

## **16. WORKERS COMPENSATION ACT**

The Bidder further agrees to insure his employees and their beneficiaries and to the employees and the beneficiaries of any subcontractor employed from time to time by him on said Work, the necessary first-aid, medical, surgical, and hospital services and any compensation provided for in the Workers Compensation Act of the State of Illinois that is or may be in force in the State.

Such insurance shall be placed by said Bidder in a company or association (to be approved by the City and to be accepted by the Council thereof) authorized under the laws of the State of Illinois to insure the liability above specified.

Said Bidder hereby further agrees to indemnify, keep and save harmless said City from all action, proceedings, claims, judgments, awards, and costs, loss, damages, expenses, and attorney's fees which may in any way come against said City by reason of any accidental injuries or death suffered by any of his employees or the employees of any subcontractor employed by him in and about the performance of the Work provided for in the Bid, and any and all liability resulting thereupon; and said Bidder, in case of any suit, action, or proceeding on account of any or all of the foregoing shall defend the same for and on behalf of said City and indemnify the City therefore, and pay the amount of any and all awards and final judgments and orders rendered and entered therein, together with all loss, costs, damages, attorney's fees, and expenses incurred therein. Said Bidder shall

be the sole employer of its employees and workers, and in no way shall the City be considered a joint employer of same under any circumstance.

## **17. PERSONNEL AND EQUIPMENT**

The Bidder shall provide an adequate number of competently trained personnel with sufficient supervision to provide the services required, and the Bidder shall provide identification of its personnel if requested by the City.

Any Bidder's employee whose employment is reasonably detrimental or objectionable to the City shall be immediately transferred from the premises upon the City's request. The exercise of the option shall not be construed as placing the City in charge of the Work or making the City responsible for safety.

All on the road vehicles or equipment shall be identified by the Bidder's name for purpose of identification.

All tools or equipment required to carry out the operations within the scope of the contract shall be provided by the Bidder, and shall meet the standards of the Federal Occupational Safety and Health Act and State of Illinois safety codes as may be required by law. The City reserves the right to inspect the equipment that will be used prior to award of Bid.

## **18. LOCAL BIDDER PREFERENCE**

O20-029 approved April 28, 2020 defines "Local business" to mean a vendor or contractor who has a valid, verifiable physical business address located within the corporate boundaries of the City of Aurora at least twelve months prior to a bid or proposal opening date, from which the vendor, contractor or consultant operates or performs business on a daily basis, including manufacturing production or distribution. The business must disclose the percentage of workforce in the City of Aurora; be registered with the City of Aurora, if applicable; be subject to City of Aurora taxes (inclusive of sales taxes); be current with property tax payments and sales tax payments; not have any outside cited code violations; not have any outstanding debts to the City of Aurora; have adequately qualified and trained staff to service the bid of interest.

## **19. MINORITY PARTICIPATION**

The City of Aurora encourages minority business firms to submit Bidders and encourages the successful Bid Bidder to utilize minority businesses as sub-contractors for supplies, equipment, services and construction.

## **20. PROSECUTION OF WORK**

The Bidder shall begin the Work to be performed under the Bid as specified in the specifications after the execution and acceptance of the Bid, unless otherwise provided. The Work shall be conducted in such a manner and with sufficient materials, equipment and labor as is considered necessary to ensure its completion within the time specified in the Bid.

## **21. TIME**

Bidder shall schedule its Work to meet the requirement of the City. Bidder shall perform the Work expeditiously in cooperation with the City's agents, employees, Bidders and subcontractors. Bidder shall make no claim against City and no claim shall be allowed for any damages which may arise out of any delay caused by City, its agents, employees, Bidder or subcontractors. Bidder's sole remedy for delay shall be an extension in the Bid time.

## **22. SPECIAL CONDITIONS**

Wherever special conditions are written into the Special Conditions and Specifications which are in conflict with conditions stated in these Instructions to Bidders, the conditions stated in Special Conditions and Specifications shall take precedence.

## **23. REGULATORY COMPLIANCE**

Bidder represents and warrants that the goods or services furnished hereunder (including all labels, packages and container for said good) comply with all applicable standards, rules and regulations in effect under the requirements of all Federal, State and local laws, rules and regulations as applicable, including the Occupational Safety and Health Act as amended, with respect to design, construction, manufacture or use for their intended purpose of said goods or services. Bidder shall furnish "Safety Data Sheet(s)" in compliance with the Illinois Toxic Substances Disclosure to Employees Act.

## **24. PROTECTION AND RESTORATION OF PROPERTY**

It is understood that in the execution of the Work herein provided for there may be interference with and/or damage to trees, shrubbery, crops, fences, railroad tracks, overhead structures such as poles, wires, cables, underground structures such as sewers, gas mains, telephone conduits and cables, water mains, drains, service connections, wires, pipes, conduits, located along, adjacent to, and/or crossing the locations of the Work, and that it may be necessary to relocate or reconstruct certain of such structures, improvements, and installations and/or to make repairs to the same by reasons of doing the Work herein provided for, and it is therefore particularly and specifically agreed that the Bidder except as otherwise herein provided, shall do the Work necessary for such relocation, reconstruction, and repair and shall bear and pay all of the cost and expense of such relocation, reconstruction, and/or repair of, and all damage done to any and all such pipe line and other structures, improvements, and installations, including service connections, if any, to adjacent property, existing at the date of the execution of the contract and/or existing, during the period of the Work to be done under the contract, which may be interfered with, damaged, and/or necessarily relocated, reconstructed, or repaired in the performance of the Work herein provided for, including the restoration and resurfacing of unpaved portions of public streets and alleys, rights-of-way, easements, and private property damaged or disturbed by the Work, the same to be restored to as good condition as the same existed at the time of the commencement of any such Work or relocation.

It is further agreed that the owners of any structures, improvements, installations, referred to in the preceding paragraph shall have the right to do the Work or any part thereof necessary for the relocation, reconstruction, replacement, repair, and other Work required by reason of any interference with and/or damage to such structures, improvements, installations, due to the prosecution of the Work and upon completion of such Work by them done, said owners may render bills to the Bidder for the cost and expenses thereof which bills shall be paid by the Bidder without extra compensation therefore from the City, upon demand by said owners, or upon demand made by the City upon the Bidder for the payment thereof.

## **25. RESPONSIBLE BIDDER**

Section 2-331(5) of the Aurora City Code requires that bidders for city contracts in excess of \$25,000 must participate in active apprenticeship and training programs approved and registered with the United States Department of Labor's Bureau of Apprenticeship and Training to be considered a responsible bidder. A bidder

must affirm such participation in the Bidder's Certification submitted with any bid. Furthermore, **the bidder must submit a copy of each applicable program registration certificate with his/her bid.**

## **26. SUBLETTING OR ASSIGNMENT OF WORK**

If the Bidder sublets the whole or any part of the Work to be done under the contract, with or without the written consent of the City, he shall not, under any circumstances, be relieved of his liabilities and obligations. All transactions of the City shall be with the Bidder; subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence. In case any party or parties, to whom any work under the contract shall have been sublet, shall disregard the directions of the City or his duly authorized representatives, or shall furnish any unsatisfactory Work or shall fail or refuse in any way to conform to any of the provisions or conditions of the contract, then in that case, upon the written order of the City, the Bidder shall require said party or parties in default to discontinue Work under the contract. Said Work shall be corrected or made good and shall be continued and completed by the said Bidder or by such other party or parties as are approved by the City, in the manner and subject to all of the requirements specified in the contract.

## **27. GUARANTEE AND MAINTENANCE OF WORK**

The Bidder shall guarantee the Work to be free from defects of any nature for a period of one year from and after the final acceptance and payment for the Work by the City, and the Bidder shall maintain said Work and shall make all needed repairs and/or replacements during this one year period which in the judgment of the Council, may be necessary to insure the delivery of the Work to the City in first-class condition and in full conformity with the plans and specifications therefore, at the expiration of the guarantee period.

## **28. CONTRACT**

The successful Bidder will be required to execute a contract in the form attached hereto (as may be modified and amended by the City) within five (5) days after notice of award and receipt of the contract from the City and sign and deliver to the City all required copies of the contract. Failure on the part of the Bidder to execute the contract within five (5) days and provide the required evidence of insurance at, or before the execution of the contract, will be considered just cause for the annulment of the award of the Bid.

## **SCOPE OF WORK**

### **1. Scope of Work**

The City of Aurora, IL invites you to bid on the 2025 R.O.W. Maintenance Program, which includes hardscape improvements throughout the City.

#### **DESCRIPTION OF PROJECT:**

**Name:** 2025 R.O.W. Maintenance Program

**Location:** Various City Streets

**Proposed Improvement:** This project shall consist of making improvements to the existing streets to include city wide projects for Sidewalk Removal and Replacement, Patching, 3", Crack Sealing, Bike Path Maintenance, Thermoplastic & Modified Urethane Pavement Markings, and various other maintenance throughout the City in accordance with the specifications.

### **2. Project Special Provisions and Details**

Included as a supporting attachment is the Bid Proposal Package. This document includes the project special provisions, IDOT special provisions and check sheets, IDOT highway standards, and various exhibits/schedules of the work to be performed.

**PRICING TABLE**  
**SCHEDULE OF PRICES**

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	COMB CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT (SPECIAL)	358	FOOT		
2	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	25,486	SQ FT		
3	DETECTABLE WARNINGS	284	SQ FT		
4	SIDEWALK REMOVAL	25,540	SQ FT		
5	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	2,160	SQ YD		
6	CLASS D PATCHES, 3" (SPECIAL)	9,805	SQ YD		
7	BITUMINOUS MATERIALS (TACK COAT)	972	POUND		
8	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, BIKE PATH	242	TON		
9	DOMESTIC WATER SERVICE BOX TO BE ADJUSTED	5	EACH		
10	CATCH BASINS TO BE ADJUSTED	6	EACH		
11	THERMOPLASTIC PAVEMENT MARKING, LINE 4 INCH	85,259	FOOT		
12	THERMOPLASTIC PAVEMENT MARKING, LINE 6 INCH	38,045	FOOT		
13	THERMOPLASTIC PAVEMENT MARKING, LINE 12 INCH	15,496	FOOT		
14	THERMOPLASTIC PAVEMENT MARKING, LINE 24 INCH	5,410	FOOT		

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
15	THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS	4,645	SQ FT		
16	MODIFIED URETHANE PAVEMENT MARKING, LINE 4 INCH	23,795	FOOT		
17	MODIFIED URETHANE PAVEMENT MARKING, LINE 6 INCH	8,364	FOOT		
18	MODIFIED URETHANE PAVEMENT MARKING, LINE 12 INCH	566	FOOT		
19	MODIFIED URETHANE PAVEMENT MARKING, LINE 24 INCH	1,125	FOOT		
20	MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS	792	SQ FT		
21	GROOVING FOR RECESSED PAVEMENT MARKING, 5"	26,967	FOOT		
22	GROOVING FOR RECESSED PAVEMENT MARKING, 7"	7,632	FOOT		
23	GROOVING FOR RECESSED PAVEMENT MARKING, 13"	1,387	FOOT		
24	GROOVING FOR RECESSED PAVEMENT MARKING, 25"	1,139	FOOT		
25	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	549	SQ FT		
26	PAVEMENT MARKING REMOVAL - GRINDING	114	SQ FT		
27	NEW SIDEWALK	602	SQ FT		
28	DRIVEWAY PAVEMENT REMOVAL	500	SQ FT		

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
29	PREPARATION OF BASE	2,160	SQ YD		
30	CLASS D PATCHES, TYPE I, 2"	600	SQ YD		
31	COMB CONCRETE CURB AND GUTTER TYPE B-6.12	202	FOOT		
32	PCC DRIVEWAY PAVEMENT, 6 INCH	55	SQ YD		
33	CRACK ROUTING (PAVEMENT)	63,705	FOOT		
34	CRACK FILLING	38,400	POUND		
35	REMOVE AND REINSTALL BRICK PAVER	405	SQ FT		
36	CONCRETE BORDER REPAIR	162	FOOT		
37	PAVEMENT REMOVAL	97	SQ YD		
38	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	47	FOOT		
39	CLASS B PATCHES, TYPE 3, 9 INCH	20	SQ YD		
40	CONCRETE CURB TYPE B	131	FOOT		
41	COMB CONCRETE CURB AND GUTTER TYPE B-6.24	47	FOOT		
42	RELOCATE SIGN PANEL TYPE 1	7	SQ FT		
43	TRAFFIC CONTROL AND PROTECTION, SPECIAL	1	L SUM		
44	LANDSCAPE RESTORATION	1	L SUM		
<b>TOTAL</b>					

**ITEMS ORDERED BY THE ENGINEER**

undefined #25-184

Title: 2025 R.O.W. Maintenance Program

Line Item	Description	Unit of Measure	Unit Cost
45	ITEMS ORDERED BY THE ENGINEER	ALLOWANCE	\$25,000.00

## VENDOR SUBMISSIONS

### 1. Bid Deposit\*

**Bid Deposit MUST be uploaded electronically with submission through the City's E Procurement System, OpenGov.** Upon notification from the City, Bidder's must deliver ORIGINAL Bid Deposit within three (3) business days.

\*Response required

### 2. Contact Information\*

Please download the below documents, complete, and upload.

- [COA Contact Information.docx](#)

\*Response required

### 3. References\*

Include Municipality, Address, Phone Number, Contact Person, Date of Project for each reference

\*Response required

### 4. Eligibility\*

By signing this Proposal, the Proposer hereby certifies that they are not barred from bidding on this Proposal as a result of a violation of Article 33E, Public Bids of the Illinois Criminal Code of 1961, as amended (Illinois Compiled Statutes, 720 ILCS 5/33E-1).

Please confirm

\*Response required

### 5. Bidder's Tax Certification\*

The Bidder's Executing Officer, being first duly sworn on oath, deposes and states that all statements made herein are made on behalf of the Bidder, that this despondent is authorized to make them and that the statements contained herein are true and correct.

Bidder deposes, states and certifies that Bidder is not barred from contracting with any unit of local government in the State of Illinois as result of a delinquency in payment of any tax administered by the Illinois Department of Revenue unless Bidder is contesting, in accordance with the procedures established by the appropriate statute, its liability for the tax or the amount of the tax, all as provided for in accordance with 65 ILCS 5/11-42.1-1.

Please confirm

\*Response required

### 6. Bidder's Certification\*

I/We hereby certify that:

A. A complete set of bid papers, as intended, has been received, and that I/We will abide by the contents and/or information received and/or contained herein.

B. I/We have not entered into any collusion or other unethical practices with any person, firm, or employee of the City which would in any way be construed as unethical business practice.

C. I/We have adopted a written sexual harassment policy which is in accordance with the requirements of Federal, State and local laws, regulations and policies and further certify that I/We are also in compliance with all other equal employment requirements contained in Public Act 87-1257 (effective July 1, 1993) 775 ILCS 5/2-105 (A).

D. As applicable, I/We are in compliance with the most current "Prevailing Rate" of wages for laborers, mechanics and other workers as required by the State of Illinois Department of Labor.

E. I/We operate a drug free environment and drugs are not allowed in the workplace or satellite locations as well as City of Aurora sites in accordance with the Drug Free Workplace Act of January, 1992.

F. The Bidder is not barred from bidding on the Project, or entering into this contract as a result of a violation of either Section 33E-3 or 33E-4 of the Illinois Criminal Code, or any similar offense of "bid rigging" or "bid rotating" of any state or the United States.

G. As applicable, I/We will submit, for all contracts in excess of \$25,000.00, a certificate indicating participation in apprenticeship and training programs approved and registered with the United States Department of Labor.

H. I/We will abide by all other Federal, State and local codes, rules, regulations, ordinances and statutes.

Please confirm

\*Response required

### **7. Apprenticeship or Training Program Certification\***

Please download the below documents, complete, and upload.

- [Aurora Training Program Cer...](#)

\*Response required

### **8. Union/Apprenticeship Requested Documentation\***

Please provide verification letter like sample attached.

- [Apprenticeship Program Lett...](#)

\*Response required

### **9. IDOT Prequalification Confirmation\***

Upload IDOT prequalification as described in Check Sheet LRS6 in the "Supplemental Specifications and Recurring Special Provisions" in the categories appropriate for the type of work proposed for this project.

\*Response required

### **10. Local Vendor Preference Application\***

Please download the below documents, complete, and upload.

undefined #25-184

Title: 2025 R.O.W. Maintenance Program

- [COA 2024 Local Preference V...](#)

\*Response required

## **11. Additional Information**

undefined #25-184

Title: 2025 R.O.W. Maintenance Program

*Provision No. Title*

**SP.1 - Special Conditions**

**SP.2 - Mobilization**

**SP.3 - Public Convenience**

**SP.4 - Disposal of Debris and Excavated Material & CCDD**

**SP.5 - NPDES Permit**

**SP.6 – Project Superintendent**

**SP.7 – Scheduled Work Activity**

**SP.8 – Police Department Notification**

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**SP.9 – Public Notice and Work Times**

**SP.10 – Work Adjacent to Schools, High Volume Traffic Routes (Shopping Centers, Commuter Routes) and Special Events (Concerts/Parades)**

**SP.11 – Driveway Closures**

**SP.12 - Water for Construction Purposes**

**SP.13 - Deadline**

**SP.14 - Sequence of Work & Progress**

**SP.15 – Saw Cutting**

**SP.16 - Temporary Stone**

**SP.17 - Payments**

**SP.18 - Street Sweeping and Preparation**

**SP.19 - Clean Up**

**SP.20 - Adjustments**

**SP.21 - Domestic Water Service Box to be Adjusted**

**SP.22 – Hot-Mix Asphalt Surface Course, Mix “D”, N50, Bike Path**

**SP.23 – Hot-Mix Asphalt Surface Removal (Special)**

**SP.24 - Combination Concrete Curb and Gutter Removal and Replacement (Special)**

**SP.25 - Class D Patches, 3” (Special)**

**SP.26 - Sidewalk Removal, Portland Cement Concrete Sidewalk, 5”, Detectable Warnings**

**SP.27 – Sawcut Curb**

**SP.28 - Traffic Control and Protection**

**SP.29 - Landscape Restoration**

**SP.30 – New Sidewalk**

**SP.31 – Remove and Reinstall Brick Paver & Concrete Border Repair**

**SP.32 – Alterations to Project by Engineer**

**SP.33 – Items Ordered by the Engineer**

# **CITY OF AURORA**

## **SPECIAL PROVISIONS**

The following Special Provisions supplement the City of Aurora General Specifications, the Illinois Department of Transportation's "Standard Specifications for Road and Bridge Construction," (herein after called the "Standard Specifications", the City of Aurora's "Standard Specifications for Improvements," the "Supplemental Specifications and Recurring Special Provisions," the "Standard Specifications for Water And Sewer Main Construction in Illinois, Sixth Edition," the "Standard Specifications for Traffic Control Items," and the latest edition of the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways" in effect on the date of invitation for proposals. These special provisions apply to and govern the proposed improvement designated as the *2025 R.O.W. Maintenance Program* and in case of conflict with any part or parts of said specifications; these Special Provisions shall take precedence and shall govern.

### **SP.1 - Special Conditions**

The bidder shall inspect the streets, the site of the proposed work and the local conditions that affect the detailed requirements of construction. The Contractor shall be responsible for determining the possible effects of the varying site conditions and no additional compensation will be allowed for extra time due to the progress of work.

### **SP.2 - Mobilization**

This contract contains no provisions for Mobilization. Therefore, Section 671 of the Standard Specifications is deleted.

### **SP.3 - Public Convenience**

This contract includes work on several streets throughout the city and as such the Contractor shall schedule work to minimize the inconvenience to the public. In addition to the requirements of Article 107.09, the Contractor shall be aware of the commuter hours and main direction of high traffic flow on the city's Arterial and Major Collector streets. Certain lanes as identified by the Resident Engineer shall not be closed before 8:30 AM and shall be opened by 3:30 PM.

For sidewalk work within the downtown area, anything that is removed during the weekday at the beginning of the week needs to be poured back before the weekend. There may be instances where there are no special events happening and that the rule can be relaxed but will be on a case-by-case basis. Before any removal begins for the week, the Contractor shall provide the City with the planned removal limits for the week for discussion.

The Contractor will not be entitled to extra compensation to adjust their work schedule according to the requirements as stated herein and as directed by the Resident Engineer.

#### **SP.4 - Disposal of Debris and Excavated Material & CCDD**

The Contractor shall be responsible for removal and disposal of all waste material, asphalt, grindings, concrete, stone, dirt or debris generated in the course of the work. The Contractor shall load the removed pieces of curb and gutter, sidewalk, street pavements, etc. directly onto trucks, haul it away and dispose of it. The temporary storing of excavated materials on the parkway and street and re-handling them later for disposal or backfill will not be allowed.

In addition to the requirements of Section 107.01 of the Standard Specifications, the Contractor shall be responsible for the proper removal and disposal of excavated materials from the project site. The Contractor will meet all the requirements set forth by the IEPA in regard to Clean Construction and Demolition Debris which include providing certification from a licensed Professional Engineer, geotechnical testing, dumping fees and proper documentation. This work will not be paid for separately but shall be considered included in the total contract cost.

#### **SP.5 - NPDES Permit**

A separate Notice of Intent (NOI) will not be required for this construction project. The City of Aurora has filed a Notice of Intent for General Permit for Discharges from a Small Municipal Separate Storm Sewer Systems (MS4s) under the National Pollutant Discharge Elimination System Phase II. This NOI covers all City of Aurora sponsored construction projects. A copy of the City of Aurora NOI is maintained on file at the Engineering Department of the City of Aurora.

#### **SP.6 – Project Superintendent**

The Contractor shall employ an experienced Superintendent for the duration of this project. The Superintendent shall be familiar with all aspects of the project, have authority to order work to be completed by the Contractor's crews and subcontractors working on the project and be responsible for coordinating and scheduling all activities of work. The Project Superintendent shall be on the jobsite at all times when crews and the subcontractor's crews are working.

#### **SP.7 – Scheduled Work Activity**

The Contractor shall provide any Scheduled Work Activity to the Resident Engineer by 3:00 PM each day prior to any construction. The information shall provide the list of streets where work will occur and include start time, type of work and all scheduled material deliveries. Work done without prior notification to the resident engineer shall be considered unauthorized and will not be included for payment.

#### **SP.8 – Police Department Notification**

The Contractor shall contact the City of Aurora, Police Department non-emergency number prior to closing streets to through traffic, installing temporary no parking signage and any work that may impede the flow of traffic.

### **SP.9 – Public Notice and Work Times**

If requested by the City, the Contractor shall deliver a notice to each address that will be affected by work to be performed on each street. The notice shall be a 2-sided document on a form supplied by the City. Notices shall be distributed 7 to 14 days in advance of the start of work. Due to the spread-out nature of the work and short time frame of construction, notices are generally not required unless work will be for an extended period of time or next to high profile locations. (see SP.10 for more information). Notices will be required for all sidewalk work located in downtown Aurora, unless otherwise specified by the City.

The allowed work hours are Monday thru Friday 7 AM to 5 PM for regular work days that are not a City holiday. The Contractor may request work hours and days outside normal working periods. The Contractor shall be responsible for keeping vehicles off the streets as needed for the project. The Contractor shall install and maintain temporary signs in the parkway 24 hours prior to starting work on each street. The signs shall be 18" x 24", white plastic with red lettering on both sides stating **NO PARKING, 7:00 AM - 5:00 PM MON – FRI THANK YOU “contractor name”**. **Signs shall be spaced on both sides (min. 3 signs each side, each block) as needed to notify motorists**. Immediately following each stage of work on each street, the Contractor shall remove the signs and reinstall them as needed.

### **SP.10 – Work Adjacent to Schools, High Volume Traffic Routes (Shopping Centers, Commuter Routes) and Special Events (Concerts/Parades)**

In addition to delivering the “Notices”, the Contractor shall personally contact schools, shopping centers and other heavy traffic locations and events that will experience traffic delays as a result of working on this contract. In no case, shall equipment be operated near school zones when children are present. The Contractor shall also make adjustments to work schedules to accommodate events that would involve large numbers of vehicles and people on a particular street. No compensation will be paid for any inconvenience, delay, or loss experienced by the Contractor because of adjustments to their normal schedule.

### **SP.11 – Driveway Closures**

At locations where the curb in front of a driveway is scheduled to be removed, the Contractor shall contact the homeowner 24 hours prior to removing the curb or drive approach. The Contractor shall provide and deliver a notice on their letterhead informing the residents the exact day their driveway will be closed and allow them time to move any vehicles onto the street. Driveways shall be closed for no more than 10 calendar days including the minimum of 5 days concrete cure time. The Contractor shall be responsible for maintaining the barricades to prevent traffic from using the driveways during this period.

**SP.12 - Water for Construction Purposes**

City water for construction purposes will be available to the Contractor at their cost according to the prevailing rates in effect at the time. Contractors and their sub-contractors will not be allowed to obtain water from private property. The Contractor shall secure a City water meter by presenting a deposit for \$1,600.00 in the form of a certified check made out to The City of Aurora to the Water Billing Department on the First Floor of 44 E. Downer Place, Aurora, Illinois. The name of the Contractor and their Tax ID number will be required. The Contractor will take the resulting forms to the Water & Sewer Maintenance Division located at **2185 Liberty Street, Aurora, Illinois** where the City water meter shall be provided. The Contractor and/or sub-contractor will be fined, according to ordinance, which will be deducted from moneys due, for each unauthorized use of City water regardless of the amount of water used or the reason for unauthorized use.

**SP.13 - Deadline**

The Contractor shall complete the work on all streets included in the scope of work detailed in this contract by **November 14, 2025**. See SP.14 for information on subsequent additional mobilization(s).

**SP.14 - Sequence of Work & Progress**

The following work and maximum number of working days allowed is to insure a continuous and steady progress of work items and to limit the hazards to the public during construction:

Work	Working Days Allowed
Replacement of Curb & Gutter after Curb Removal	5 Days
Replacement of Sidewalk after Sidewalk Removal	5 Days
Landscape Restoration after concrete has cured properly	7 Days

\* - Includes time for Manhole Adjustments to be done with High Early Concrete

The rate of progress shall be as nearly uniform as practicable and shall be such that all work under this Contract will be completed by the deadline(s) and time allowed. It may be necessary for the Contractor to work longer hours, use additional crews, and to do several items of work simultaneously in order to complete the work within the required time limit.

If any hot-mix asphalt driveways are disturbed during concrete operations, they will need to be patched with CLASS D PATCHES, TYPE I, 2 INCH before landscape restoration. The 2" patch pay item will also be used to disturb any pavement adjacent to curb repairs.

Should the Contractor fail to complete the work within the deadline, the Engineer shall give notice in writing to the Contractor of such delinquency. If the Contractor does not take immediate measures, as in the opinion of the Engineer, to increase the work productivity, the City may terminate the contract in accordance with Article 108.10.

As indicated in the sidewalk schedule there is an estimated quantity for additional sidewalk removal and replacements. This is a contingency quantity for additional markups at the locations in the schedule, plus new locations not identified explicitly in the schedule. An updated list, including any new locations, will be provided to the Contractor before the pre-con. That list will

be as comprehensive and complete as possible. The Contractor should also anticipate that a minimum of **one additional mobilization** may be required near the conclusion of the construction season to perform additional quantities of sidewalk replacement (and related items) resulting from additional resident complaints and issues in the fall.. These additional services will be paid at the unit rates provided in this bid.. The cost for adjacent landscaping restoration for these areas should be included in the lump sum cost for LANDSCAPE RESTORATION.

### **SP.15 - Saw Cutting**

Wherever new work will meet existing conditions other than lawn, regardless of whether the new or existing is asphalt or concrete, the existing adjacent sidewalk, pavement or curb shall be neatly saw cut. The saw cut shall be in a neat straight line sufficiently deep so that it renders a smooth vertical face to match. All saw cutting, shall be included in cost to the adjacent new item of work.

### **SP.16 - Temporary Stone**

The Contractor shall provide access to driveways. Curb and Driveway Replacement shall be scheduled so as not to obstruct access for more than 10 calendar days (including the curing time for P. C. Concrete). If the Contractor has not contacted a resident whose curb or drive approach is marked for repair, granular material shall be placed through the drive approach immediately after removing the curb or drive approach. The Contractor shall ensure full time access for a business by working on one driveway at a time or completing work on a driveway one-half at a time. Temporary stone (granular material) will not be paid for separately but shall considered included to the total contract cost.

### **SP.17 - Payments**

The City will process up to one partial payment per month based on the work completed to date. Payments in progress under this contract shall be subject to a maximum 10% retainage by the City. The Contractor shall provide Partial Waiver of Lien and Contractor Affidavit for partial payments. All payments and processes shall follow the requirements of the City of Aurora's Purchasing Division.

The Engineer shall process the final payment one year after the completion of all the work. A maximum of 5% of the total value of completed work may be held during this period. The Contractor shall make repairs to any work that is found to be defective as determined by the Engineer.

Prior to the Final Payment, the Contractor shall provide Final Waivers of Lien for his company, all subcontractors, suppliers and materials. Final payment will be made after all material certification has been received and accepted.

### **SP.18 - Street Sweeping and Preparation**

The Contractor shall be responsible for sweeping and cleaning streets of any debris and material that has accumulated as a result of the construction activity. A mechanical sweeper, mechanically driven air and handwork with shovel and broom shall be utilized to provide a clean street for the motoring public. Within 24 hours of placing prime coat and the laying of HMA, the Contractor shall sweep the pavement and remove standing water, earth, weeds, leaves, dirt, construction debris and all loose material.

Beginning on the date that work begins 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 Engineer but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

### **SP.19 - Clean Up**

Following the completion of work on each street, the Contractor shall clean the area of all construction debris, signs, all barricades, survey markings and other items that do not belong on the site. All temporary signs and pavement tape shall be removed. Clean-up will not be paid for separately but shall be considered incidental to the contract.

### **SP.20 - Adjustments**

This work shall consist of the adjustment of existing catch basins, manholes, inlets, valve vaults or valve boxes, to meet the proposed elevations as required in accordance with Section 602 & 604 of the Standard Specifications and as stated herein.

- Catch Basins and Inlets shall be adjusted or reconstructed during the curb removal and replacement operation. Frames & Grates shall be adjusted to meet the proposed curb and gutter elevation to provide positive drainage.
- Manholes, Valve Vaults, and Valve Boxes shall be adjusted or reconstructed following the placement of the Leveling Binder. Castings shall be set accurately to the proposed surface course elevation by using a string line in the direction of traffic flow at a distance of 10' each side of the casting. Sudden bumps or dips in the ride quality at castings following the placement of surface course will not be accepted.
- The Contractor shall neatly excavate the area by saw cutting the pavement, removing the surrounding pavement, and removing any loose material, loose bricks and cracked rings from the structure.
- Materials used for adjustments shall be reinforced concrete rings and butyl rope. The Contractor shall request the use of bricks and mortar for repair to existing structures and unusual situations where the adjustment cannot be made with rings. Butyl rope shall be used between all concrete rings and castings.

- Frames and Grates and Frame and Lids that are worn, damaged or marked for replacement shall be removed and replaced.

Frames & Lids shall be Heavy Duty Solid Lid with “**CITY OF AURORA**” cast into the top with concealed pick hole and machined surface with a watertight rubber gasket seal. Frames & Grates shall have “**DUMP NO WASTE DRAINS TO RIVER**” cast into the curb box.

- Valve Boxes shall be adjusted by excavating the existing pavement to the depth as required to adjust the extension to meet the elevation of the proposed surface course. Approved Valve Box extension with threaded connection may be used for this work as directed by the Engineer.
- The Contractor shall fill the area excavated with Class PP Concrete (“High Early”) to ½” below the level binder elevation.

Utility Manhole Adjustments such as AT&T and ComEd manholes shall be identified and requested by the Contractor. The Contractor shall request these adjustments in the timely manner so as not to affect the completion of the project. The Contractor assistance to facilitate the utility company work shall be considered incidental to the contract.

Raised manholes/valves shall be temporarily ramped as determined by Engineer at time of construction to facilitate the movement of vehicles through streets with multiple adjustments. The cost of ramping shall be considered included in this item. This work shall be paid for at the contract unit price each for CATCH BASINS TO BE ADJUSTED, MANHOLES TO BE ADJUSTED, VALVE BOX TO BE ADJUSTED, CATCH BASINS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL) AND MANHOLES TO BE ADJUSTED WITH NEW FRAME AND LID (SPECIAL), which shall include all labor and materials to do the work as specified herein.

### **SP.21 - Domestic Water Service Box to be Adjusted**

This work shall consist of adjusting an existing water service box to the elevation as directed by the Engineer in accordance with Section 565 of the Standard Specifications and as stated herein.

- Domestic Water Service Box shall be adjusted by excavating the ground to the depth as required to adjust the extension or install a new extension and top as may be required to meet the new elevation of the parkway or concrete.
- Service Boxes located within P.C. Concrete shall be surrounded with a polycarbonate sleeve that extends into the subbase material. The top of the sleeve shall be flush with the box and covered with duct tape prior to placing the concrete.
- All excavations shall be backfilled with material as directed by the Engineer.

This work will be paid for at the contract unit price per each for DOMESTIC WATER SERVICE BOX TO BE ADJUSTED, which price shall be payment in full for the excavation, material, labor, and the backfilling all as directed by the Engineer and as specified herein.

### **SP.22 – Hot-Mix Asphalt Surface Course, Mix “D”, N50, Bike Path**

This work consists of placing Hot-Mix Asphalt Surface Course in accordance with the applicable portions of Section 406 of the Standard Specifications and as stated herein.

This work shall include the placement of HMA on the existing bike paths at the locations as listed in the special provisions. The Contactor shall prepare the area by removing any vegetation that may be growing in cracks and scraping the edges of any dirt that may be encroaching the existing bike path. The Contractor shall be aware of conditions that will impact installation of the HMA including trees. Any special equipment the Contractor will need to place the material shall be included this item.

This work will be measured and paid for at the contract unit price per ton in place for HOT-MIX ASPHALT SURFACE COURSE, MIX “D”, N50, BIKE PATH which price shall include all labor, material, equipment and all preparation of pavement except that Bituminous Materials (Tack Coat) will be paid for separately.

### **SP.23 - Hot-Mix Asphalt Surface Removal (Special)**

This work consists of removing the existing hot-mix asphalt surfaces, in accordance with Section 440 of the Standard Specifications and as specified herein.

The limits of the proposed improvements to the bike paths shall be prepared by milling to a depth of 1-1/2" at the limits as marked by the Engineer. All locations on the roadway will require signage to warn motorists of a “BUMP AHEAD.”

This work will be paid for at the contract unit price per square yard for HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL) which price shall include all material, equipment, and labor to perform the work as specified herein regardless of the depth, type and location of surface removal completed.

### **SP.24 - Combination Concrete Curb and Gutter Removal & Replacement (Special)**

This work consists of removing and disposing the existing curb and gutter at places as directed by the Engineer and the replacement with new curb and gutter to match existing or the type as shown on the plans, in accordance with the applicable portions of Sections 440 and 606 of the Standard Specifications, the Details included, and as specified herein.

- The Contractor shall limit their operation to one side of the street at a time when replacing 100% or the majority of the curb on rehab streets. The replacement of the curb and gutter, driveway replacement and landscaping must be completed and open to parking prior to starting removal on the opposite side of the street. On non-rehab streets, if the amount of curb replacement is large, and traffic and site conditions dictate, the Engineer may dictate that operations be one side of the street at a time.
- The Contractor shall saw cut full depth a perpendicular clean joint between that portion of the curb and gutter to be removed and that which is to remain in place and saw cut the pavement full depth parallel to the curb at the location as shown in the details.

- The Contractor shall use methods of removal that do not cause damage to the existing pavement and curb and gutter that is to remain. Any Culverts or items marked for removal located in the curb line shall be removed during curb removal and disposed of properly. The Contractor shall confine the removal, excavation, and forming to a narrow area behind the existing curb line in order to minimize parkway restoration. Removal equipment that damages the parkway 12" beyond the back of curb will not be allowed, except where required by the Engineer adjacent to curb ramps. Parkway grading may be required to go beyond 12" as directed by the Engineer to smooth out grades. This grading work should be done at the time of concrete removal.
- The existing curb and gutter and those portions of the pavement as shown in the details shall be removed full depth to provide for a minimum of 4" of sub-base granular material (CA-7), and the 8" gutter. The Contractor shall place and mechanically compact the subbase with a vibrating tamper. The Contractor shall correct any soft spots in the subbase or subgrade.
- Curb at curb ramps shall be completely formed with lumber of 1½" nominal thickness, oiled throughout and held securely in place with stakes.
- Steel forms may be used for mid-block curb and gutter removal and replacement. Special attention is drawn to 606.05, which states "Forms shall be held securely staked, braced and held firmly to the required line and grade, and shall be tight". The Contractor should put the forms to grade if conditions allow. The Engineer may allow forms to be placed at higher than finish grade if tree roots or a high elevation grass/sod is adjacent to the sidewalk. This can be done at the Contractor's discretion, provided that:
  - A string line is snapped for the top of curb elevation
  - Curb is poured at the proper depth and flow line is at the proper grade
  - Curb has a consistent head
  - Curb finishing is acceptable and meets specification
 The Engineer may require steel curb forms to be placed at grade, per the Standard Specifications, if these above conditions are not being met.
- Pavement Restoration - After the concrete has cured a minimum of 12 hours and the forms have been removed, the area between the gutter face and the saw cut pavement shall be cleaned of any loose material, wooden stakes and dirt. The void area shall be filled with Portland Cement Concrete to within 2" of the existing pavement / edge of curb flag.
- The Engineer shall determine the elevation for curb on those streets where the entire curb will be replaced. These elevations are typically above the elevation of the existing curb. The curb shall be transitioned to meet the existing curb. No additional payment will be made for extra subbase as required to raise the curb.
- At locations where there is no existing curb & gutter, the Contractor shall excavate as required to install curb & gutter.

This work will be paid for at the contract unit price per foot for COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL) which price shall include all labor, material and equipment necessary to remove and replace the curb and gutter as specified herein. Saw cutting, excavation, sub-base material, correcting soft spots, rebar, expansion joints, curing compound, and pavement restoration shall be considered included in the cost of this item.

### **SP.25 - Class D Patches, 3" (Special)**

Pavement patching shall be performed in accordance with Section 442 of the Standard Specifications, as directed by the Engineer and stated herein.

The Contractor shall prime the area as directed prior to filling the patch and adhere to the following items:

1. Excavations shall be signed and barricaded according to the traffic control details.
2. Vehicular traffic will not be directed to drive through excavations.
3. Two flag persons will be required where less than one lane in each direction is provided.
4. Overnight Excavations will not be allowed.
5. All excavations shall be filled flush to the surrounding pavement the same day.

The prepared area shall be cleaned, edges cut perpendicular and entire surface and edges shall be primed. Saw cutting as described in SP.15 is not necessarily required for patches, as long as the edges and patches meet all portions of this specification. The only exception is for patching on streets that are crack filled (see the patching quantity sheet for more information).

This work shall be paid for at the contract unit price per square yard for CLASS D PATCHES (SPECIAL), 3" which price shall be payment in full for the removal of the existing pavement, disposal, preparation of the area, priming, and placement of HMA as required to complete the patch, as directed by the Engineer regardless of the Type and as specified herein.

### **SP.26 - Sidewalk Removal, Portland Cement Concrete Sidewalk, 5", Detectable Warnings**

This work consists of removing the existing sidewalk and placing a Portland Cement Concrete Sidewalk in accordance with Section 424 and 440 of the Standard Specifications, the details included and as directed by the Engineer.

- The Contractor shall saw cut, remove and dispose of sidewalks marked in the field for removal and prepare the subgrade to provide for the proposed sidewalk. The existing sidewalk shall be removed full depth to provide for a minimum of 2" of compacted granular material (CA-6), if required by the Engineer. The Contractor shall place and mechanically compact the subbase with a vibrating tamper. The Contractor shall correct any soft spots in the subbase or subgrade. The Engineer may not require every single location of sidewalk to have 2" of new stone. The Engineer may, at their sole discretion, allow existing stone to stay in place as long as it is solid and tamped.
- Any plaques or monuments found in existing sidewalk (such as numbered address tiles) shall be carefully preserved by the Contractor. If any such locations are found, the Contractor shall contact the Engineer. This work shall be considered included in the cost of these item (s).
- Sidewalk at curb ramps shall be completely formed with lumber of 1½" nominal thickness and held securely in place with stakes.

- Steel forms may be used for mid-block sidewalk removal and replacement. Special attention is drawn to 424.05, which states forms “shall be held securely in place by stakes or braces, with the top edges true to line and grade”. The Contractor should put the forms to grade if conditions allow. The Engineer may allow forms to be placed at higher than finish grade if tree roots or a high elevation grass/sod is adjacent to the sidewalk. This can be done at the Contractor’s discretion, provided that:
  - Sidewalk is poured at the proper depth and grade
  - Sidewalk has a consistent cross slope (i.e. no bird baths in the middle due to poor strike off)
  - Sidewalk finishing is acceptable and meets spec
 The Engineer may require steel sidewalk forms to be placed at grade, per the Standard Specifications, if these above conditions are not being met.
  
- All replacement sidewalks shall be a minimum of 5" thick. Sidewalk through driveways and at ramps shall be increased to 6" thick. The additional thickness will not be paid for separately but shall be considered included to these items.
  
- Sidewalk curb ramps shall be constructed according to the Highway Standards in the bid package, detail in the plans and as directed by the Engineer. Additional side curb may be required at locations not explicitly shown on the Highway Standards, such as on the back side of the sidewalk at the common square on perpendicular curb ramps (See Highway Standard 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS). Per Article 424.12, all side curbs are measured for payment as sidewalk. This includes any side curb required at any location for a curb ramp, even if the side curb is not explicitly called out in a particular location on the Highway Standards. The measurement does not include the face of the side curb.
  
- At locations where a curb ramp will be installed and/or the grade of the curb has been changed, the Contractor shall excavate subbase and subgrade as required to properly construct the ramp and sidewalk to meet ADA/PROWAG requirements, the details in the plans and standards in the contract. The Contractor should frame curb ramp slopes at slightly less than the allowable standards to allow for construction tolerance. Sidewalk cross slope should be framed at 1.5% (vs. 2.0% maximum) slope, except in transition pieces tying into existing sidewalk. Running slope should be framed at 7.1% maximum but can go up to 8.2% with approval of the Engineer.
  
- Sidewalk curb ramps with detectable warning surface shall be constructed according to the Highway Standards and the details included. The Detectable Warning area shall be Red and 2' X 5' where possible; it may be necessary to use 2' x 4' tile at locations due to radius or other constraints. ADA Solutions, Inc. cast in place tiles shall be used for all detectable warning surfaces.
  
- If additional sidewalk removal is needed at curb ramps beyond the initial markups to make slopes work, there is no additional compensation for an additional mobilization to remove additional sidewalk. If any cases like this arise the Contractor should notify the Engineer immediately - see General Note 3 in the plans. Generally, removal limits are marked generously to allow the Contractor enough room to work and achieve slopes.

- At locations as directed by the Engineer, the Contractor shall excavate sod, topsoil and other material to install subbase granular material and a new sidewalk. Subbase thickness at these locations shall be 4”.
- Earth excavation and disposal of material will not be measured for payment. Any earth excavation required to properly place, form, or otherwise construct any sidewalk, curb ramp, landing, or side curb shall be considered included in the price of these item(s).

This work will be paid for at the contract unit price per square foot for SIDEWALK REMOVAL, PORTALAND CEMENT CONCRETE SIDEWALK 5 INCH and DETECTABLE WARNINGS, which price shall include all labor and equipment necessary to remove the existing sidewalk, earth excavation, subbase material, correcting soft spots, disposal and placing sidewalk and furnishing and installing detectable warnings as specified herein.

### **SP.27 – Sawcut Curb**

This work shall consist of saw cutting the back of existing combination concrete curb and gutter at various locations to be determined throughout the City. The intent of this pay item is to notch the curb so it can provide positive drainage for any low spots in a parkway.

The Contractor shall neatly sawcut the curb to provide a smooth surface. All debris and material shall be removed as directed by the Engineer. Any excess removal or damage to curb beyond the limits of the Engineer’s markings will be fixed at the Contractor’s cost.

The Contractor may be required to remove some of the parkway behind the curb sawcut so that the sawcut machinery can cut the curb. Any additional excavation needed to fit machinery shall be included in the cost of this pay item.

This work will be paid for at the contract price per foot for SAWCUT CURB which price shall include all labor, material and equipment necessary to complete the work as specified herein and as directed by the Engineer.

### **SP.28 - Traffic Control and Protection**

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

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions, and Special Provisions contained herein relating to traffic control.

The Contractor shall contact the City of Aurora at least 72 hours in advance of beginning work. Prior to the start of work the Contractor shall have a sufficient number of barricades, signs, and flag persons at the jobsite for the scheduled work.

All traffic control and protection will be paid for at the contract lump-sum price for TRAFFIC CONTROL AND PROTECTION (SPECIAL). This price shall be payment in full for all labor,

materials, transportation, handling, and incidental work necessary to furnish, install, maintain, and remove all traffic control devices required as stated herein and all applicable Highway Standards for Traffic Control and Protection.

### **SP.29 - Landscape Restoration**

This work shall consist of restoration of the parkways and landscaped areas that were disturbed, damaged, or removed during construction in accordance with Sections 211, 212, 250 and 251 of the Standard Specifications and as stated herein.

- Disturbed areas shall be cleared of debris generated during the course of work. Debris shall include all stone, gravel, concrete, forms and any other material that is not topsoil material.
- Turf areas that are removed or disturbed during construction shall be restored to original condition or better. The Contractor shall cut a vertical edge along the line where the turf was removed. The excavated areas shall be filled with topsoil and topped with 6" of compacted pulverized topsoil. The area shall be leveled and shaped to provide a smooth transition to the existing ground and sloped to provide positive drainage.
- Areas shall be seeded with City of Aurora standard seed mix, fertilizer, straw and mulch applied by Method 2 – Procedure 3 to secure the straw.
- The Contractor shall monitor the restoration and remove weeds that exceed 12" tall and reapply seed & topsoil as needed.

This work will be paid for at the contract price lump sum for LANDSCAPE RESTORATION which price shall include all labor, material and equipment necessary to complete the work as specified herein, guarantee repairs and as directed by the Engineer.

### **SP.30 – New Sidewalk**

This work consists of excavation and installation of a new 5-inch-thick Portland cement concrete sidewalk over 4 inches of compacted aggregate base (CA-6) in locations to be specified by the City in the field. Per the quantity tables, this pay item will be used for widening sidewalk in the downtown area.

- The Contractor shall excavate a minimum of 9" (10" if sidewalk is 6") and dispose of grass, topsoil and other material to prepare the subgrade. All Earth Excavation and Disposal completed for this work will not be paid for separately but shall be considered included in this item.
- At locations where a curb ramp will be installed and/or the grade of the curb has been changed, the Contractor shall excavate subbase and subgrade as required to properly construct the ramp and sidewalk.
- Sidewalk shall be completely formed with lumber of 1½" nominal thickness and held in place with stakes.

- All sidewalk shall be a minimum of 5" thick. Sidewalk through driveways and at ramps shall be increased to 6" thick. The additional thickness will not be paid for separately but shall be considered incidental to NEW SIDEWALK

This work will be paid for at the contract unit price per square foot for **NEW SIDEWALK**, which price shall include all labor and equipment necessary to excavate, place aggregate material, disposal and placing PCC sidewalk as described herein.

**SP.31 – Remove and Reinstall Brick Paver & Concrete Border Repair**

Description. This work shall consist of removing and replacing damaged concrete edging in addition to removing, salvaging, stockpiling, storage, security, and reinstalling brick pavers at the locations shown on the plans or as directed by the Engineer.

Any excess pavers not needed or not reusable, as determined by the Engineer, shall be disposed of offsite.

All non-reusable pavers shall be replaced with the same style and color from the original manufacturer or as approved by the Engineer. When an adequate quantity of pavers to construct the proposed improvements are not available, the Contractor shall furnish pavers matching the same style, size, and color from the original manufacturer or as approved by the Engineer.

Material. Materials shall be according to the following Articles of Division 1000 - Materials of the Standard Specifications.

Item	Article/Section
Fine Aggregate (Note 1) .....	1003.01, 1003.02(d)
Portland Cement Concrete.....	1020
Paving Brick.....	1041.03

Note 1. The fine aggregate used for the bedding course and joint filling shall be sand, silica sand, or slag sand. It shall also be Class A quality and dry. For the bedding course, the gradation shall be FA 1 or FA 2. For joint filling, the gradation shall be FA 9.

Equipment. Equipment shall conform to the following Articles of Division 1100 - Equipment of the Standard Specifications.

Item	Article/Section
Pneumatic-Tired Rollers .....	1003.01, 1003.02(d)
Masonry Saw (Note 1)	
Vibrator/Compactor (Note 2)	

Note 1. The masonry saw shall be a wet or dry saw capable of clean and accurate cuts.

Note 2. The vibrator/compactor shall be either a plate compactor with a high frequency, low amplitude plate or a rubber-roller mechanical vibrator.

Construction Requirements.

Removal.

Edging concrete shall be removed to the limits as shown on the plans and marked by the Engineer. A reasonable amount of brick pavers shall be removed to provide access to the concrete edging. The Contractor shall take care to note the existing paver layout and not cause damage to the existing pavers.

Preparation of Subgrade.

The subgrade shall be prepared according to Section 301 of the Standard Specifications, except Articles 301.05 and 301.06 will not apply.

Bedding Course. The fine aggregate for bedding shall be placed and screeded, without compaction, to a uniform thickness of 1 to 1.5 in. (25 to 38 mm). Prepared areas shall not be left overnight, unless they are protected from disturbance and moisture. Stockpiled material shall be kept covered. Any saturated bedding aggregate shall be removed and replaced.

Installation. The bricks or pavers shall be laid in a pattern to replace the existing pattern to the satisfaction of the Engineer with a joint width from 1/8 to 1/4 in. (3 to 6 mm) on all sides. The contractor shall document existing brick locations in order to replace them in the same location. After the entire pavement or sidewalk has been laid, it shall be set into the bedding course by one pass of the vibrator/compactor. Construction equipment shall not be driven on the new surface until the joints have been filled.

Joint Filling. The fine aggregate for joint filling shall be spread over the pavement or sidewalk and hand broomed into the joints. The aggregate shall then be worked down into the joints with multiple passes of the vibrator/compactor. Each pass shall be alternated 90 degrees from the previous pass. This process shall be repeated until the joints are completely filled. Excess fine aggregate shall be removed by hand brooming. All bricks and pavers within 6 ft (1.8 m) of the laying face shall be compacted and the joints completely filled with sand at the end of each workday.

Method of Measurement. This work will be measured for payment as follows:

Measured Quantities. Edge restraints will be measured in place along the top edge of removal and replacement in feet. Paver removal and replacement 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 foot for CONCRETE BORDER REPAIR and per square foot for REMOVE AND REINSTALL BRICK PAVER

### **SP.32 – Alterations to Project by Engineer**

The Engineer reserves the right to alter the plans, extend or shorten the improvement, add such work as may be necessary, and increase or decrease the quantities of work to be performed all in accordance with Section 104 of the Standard Specifications. The difference in quantities regardless of the percent increase or decrease shall be deemed to pose no significant change in the character of the work for this contract. All quantities are estimated, and payment will be made for actual measured work completed. Contractor shall note that projects are city wide and will be small quantities at each location as shown on the lists included. Lists of work will be finalized at the pre-construction meeting. It is possible that due to budget constraints the amount of work will

be reduced and the purchase order / contract will be awarded at an amount lower than the low bid. The Contractor shall not be entitled to additional compensation or lost profits in the event that quantities are reduced below the original contract quantities, or in the event pay items are deleted entirely.

**SP.33 – Items Ordered by the Engineer**

When additional work not included in the Contract, is requested in writing by the Engineer, this additional work shall be measured and paid for in accordance with Sections 104 and 109 of the IDOT Standard Specifications, as modified by these special provisions.

Payment for all additional work ordered by the Engineer in writing, which is deemed by the Engineer to be eligible for payment and is not covered by the Contract, shall be made from the allowance included in the contract under ITEMS ORDERED BY THE ENGINEER. The Contractor shall not be entitled to any additional compensation in the event that utilization of this allowance, either in whole or in part, is not required to complete the work.

CITY OF AURORA GENERAL SPECIFICATIONS  
SECTION 1 - DEFINITION OF TERMS

1.1 ADVERTISEMENT

The word Advertisement shall mean and refer to the official notice as published in the City's E Procurement System, OpenGov, inviting bids for the construction of this improvement.

1.2 A.S.T.M.

Wherever the letters A.S.T.M. are herein used, they shall be understood to mean the American Society of Testing Materials.

1.3 ATTORNEY

Wherever the word Attorney is used in these specifications or in the contract, it shall be understood to mean the Corporation Counsel of the City or designee.

1.4 BIDDER

Wherever the word Bidder is used, it shall be understood to mean the individual, firm, or corporation formally submitting a proposal for the work contemplated, or any portion thereof, acting directly or through an authorized representative.

1.5 BOARD

Wherever the word Board or a pronoun in the place of it occurs in these specifications, it shall be interpreted to mean the Board of Local Improvements of the City of Aurora, Illinois, and any of its authorized representatives provided, however, that such persons shall be understood to represent said Board to the extent of the special duties delegated to such representatives.

1.6 CITY COUNCIL OR COUNCIL

Wherever the term City Council, or Council, appears in these specifications it shall be taken to mean the City Council of the City of Aurora, Illinois.

1.7 CONTRACT

The term Contract shall be understood to mean the agreement covering the performance of the work covered by these general specifications, including the advertisement for bids, instructions to bidders, bid proposal, performance bond, these general specifications, supplemental specifications, special provisions, general and detailed Plans for the work, standard specifications referred to in the special provisions, all supplemental agreements entered into and all general provisions pertaining to the work or materials thereof, all of which are collectively referred to as the "Contract Documents".

1.8 CONTRACTOR

Wherever the word Contractor occurs in these specifications, it shall be interpreted to mean the person or persons, firm, or corporation who submits a proposal and thereafter enters into the contract governed by these specifications as party or parties of the second part, and the agents,

employees, workmen, heirs, executors, administrators, successors, or assignees thereof.

#### 1.9 ENGINEER

Wherever the word Engineer is used in these specifications, it shall be interpreted to mean the City Engineer or his designee charged with directing and having charge of a portion of the project limited by the particular duties entrusted to him.

#### 1.10 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

The MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, latest edition, as adopted by the United States Department of Transportation Federal Highway Administration.

#### 1.11 PAYMENT BOND

The term Payment Bond shall be understood to mean the bond executed by the Contractor and his surety guaranteeing the payment of all sums of money due for any labor, materials, apparatus, fixtures, or machinery furnished to such principal for the purpose of performing the contract work.

#### 1.12 PERFORMANCE BOND

The term Performance Bond shall be understood to mean the bond, executed by the Contractor and his surety, guaranteeing complete execution of the contract.

#### 1.13 PLANS

Wherever the word Plans is used in these specifications, it shall be understood to mean all drawings, sketches, and detailed Plans or reproductions thereof pertaining to the construction involved.

#### 1.14 PROPOSAL

Wherever the word Proposal is used, it shall be taken to mean the written proposal of the bidder on the form furnished for the work contemplated.

#### 1.15 PROPOSAL GUARANTY

The term Proposal Guaranty shall be understood to mean the security designated in the Advertisement for Bids or Notice to Contractors to be furnished by the bidder as a guaranty of good faith to enter into a contract for the work contemplated

#### 1.16 SPECIFICATIONS

Wherever the word Specifications is used it shall be understood to include all directions and requirements contained herein or referred to hereby, together with all special provisions and written agreements made or to be made pertaining to the work involved. All articles referred to in these general specifications when not qualified otherwise than by numbers, shall be understood to be articles from these general specifications.

#### 1.17 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

The STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, latest edition, prepared by the Illinois Department of Transportation and adopted by said Department.

#### 1.18 STANDARD SPECIFICATIONS FOR SEWER AND WATER MAIN CONSTRUCTION

The STANDARD SPECIFICATIONS FOR SEWER AND WATER MAIN CONSTRUCTION, latest edition, as adopted by the Illinois Society of Professional Engineers.

#### 1.19 STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS

The STANDARD TRAFFIC SIGNAL SPECIFICATIONS, latest edition, as adopted by the Illinois Department of Transportation.

#### 1.20 STATE

Wherever the word State is used herein, it shall mean the State of Illinois.

#### 1.21 SURETY

The word Surety shall be understood to mean the individuals who are, or the corporate body which is bound with and for the Contractor for the acceptable performance of the contract, and for his payment of all debts pertaining to the work.

#### 1.22 WORK

Wherever the word "Work" is used, it shall mean the work including all materials, labor, tools, appliances, equipment, and appurtenance necessary and incidental thereto to perform and complete everything specified or implied in the Plans, specifications, and in the contract documents, in full compliance with all the terms and conditions thereof and in a good and workmanlike manner.

## SECTION 2 SCOPE OF THE WORK

### 2.1 INTENT OF PLANS AND SPECIFICATIONS

The true intent of the Plans and these specifications is to provide for the erection and completion in every detail of the work described herein, and it is understood that the Contractor will furnish all labor, materials, equipment, tools, transportation, and necessary supplies, such as may reasonably be required to execute the contract in a satisfactory and workmanlike manner and in accordance with the Plans, specifications, and terms of the contract. Both parties must stipulate any deviation from these requirements in writing.

### 2.2 SPECIAL WORK

Should any construction conditions which are not covered by the Plans and these specifications be anticipated or encountered during construction, Supplemental Specifications for such work will be prepared by the Engineer and shall be considered a part of these specifications, the same as though contained fully herein.

### 2.3 INCREASED OR DECREASED QUANTITIES

The right is reserved, without impairing the contract, to make such increase or decrease in the quantities of the work as may be considered necessary to complete fully and satisfactorily the work included in the contract. The compensation to the Contractor for such changes shall be adjusted as provided herein.

### 2.4 ALTERATIONS IN PLANS AND SPECIFICATIONS

The City reserves the right to make such changes in the Plans and in the character of the work as may be necessary or desirable to ensure completion in the most satisfactory manner, provided such changes do not materially alter the original Plans and specifications. Such changes shall not be considered as waiving or invalidating any conditions or provisions of the contract.

### 2.5 EXTRA WORK

The City reserves the right, without impairing the contract, to order the performance of such work, of a class not contemplated in the proposal as may be considered necessary to complete fully and satisfactorily the work included in the contract. The Contractor shall do such extra work when ordered and authorized in writing by the Engineer, and the Contractor shall be compensated for such extra work on the basis and in the amount as provided herein.

### 2.6 EASEMENTS, PERMITS, AND REGULATIONS

The Contractor shall keep himself fully informed of all Federal, State, Municipal and local regulations, private contracts, grants, easements, and permits, in any manner affecting the work herein specified and provided for. He shall at all times observe and comply with and cause all his Subcontractors, agents, and employees to observe and comply with each and all of the same. The Contractor does hereby assume any and all liability under the same and shall protect and indemnify the City and its officers and employees against any and all claims or liabilities arising from or based on the violation of, or failure to comply with either or all of the same.

### 2.7 FINAL CLEANING UP

Upon completion and before final acceptance of the work, the Contractor shall, in addition to the detailed work of grading, restoring ground surfaces, repairing roadways and pavements, and all other work specifically provided for in these specifications, remove all falsework, excess or useless excavated materials, rejected materials, rubbish, temporary buildings, temporary foundations, replace or renew any fences damaged, and restore in an acceptable manner all property, both public and private, which may have been damaged during the prosecution of the work, and shall leave the site of the work in a neat and presentable condition satisfactory to the Engineer.

## SECTION 3 CONTROL OF THE WORK

### 3.1 AUTHORITY OF THE ENGINEER

The Engineer shall decide any and all questions which may arise as to the quality and acceptability of materials furnished and work performed, and as to the manner of performance and rate of progress of the work, and shall decide all questions which may arise as to the interpretation of the Plans and specifications, and all questions as to the acceptable fulfillment of the terms of the contract.

### 1.2 PLANS AND WORKING DRAWINGS

General drawings, showing such details as are necessary to give a comprehensive idea of the construction contemplated, will be shown in the general Plans, but the Contractor shall submit to the Engineer for approval such additional detailed shop drawings or working drawings, together with a detailed structural analysis of all component parts, as may be required for the construction of any part of the work and prior to the approval of such Plans, any work done or material ordered shall be at the Contractor's risk.

The contract price shall include the cost of furnishing all working drawings and the Contractor will be allowed no extra compensation for such drawings.

### 3.3 DEVIATIONS FROM THE PLANS

No deviation from the general Plans or the approved working drawings will be permitted without the written order of the Engineer. No allowance shall be made for work done other than is shown on the Plans, profiles and drawings, and provided for in the specifications.

### 3.4 COORDINATION OF SPECIFICATIONS AND PLANS

In the event of any discrepancy between the Plans and figures written thereon, the figures are to be considered as correct. In the case of any discrepancy between the Plans and the specifications, the Engineer shall determine which are to govern. If there is a discrepancy between the general specifications and the supplemental specifications, the supplemental specifications are to govern.

The Contractor shall take no advantage of any apparent error or omission in the Plans or specifications, but the Engineer shall be permitted to make such corrections and interpretations as may be deemed necessary for the fulfillment of the intent of the Plans and specifications.

### 3.5 ORDER OF WORK

The order of sequence of the execution and/or conduct of the work shall be subject to the approval and/or direction of the Engineer, which approval and/or direction shall not in any way relieve the Contractor of any responsibility in connection with the prosecution to completion of the work under contract.

### 3.6 COOPERATION BY CONTRACTOR

The Contractor shall conduct his operation so as to interfere as little as possible with those of

other Contractors, Subcontractors, the public, or adjoining property owners on or near the work site. The Contractor shall at all times during his absence from the work site have a competent superintendent or foreman capable of reading and thoroughly understanding the Plans and specifications, as his agent on the work, who shall receive instructions from the Engineer or his authorized representative. The superintendent or foreman shall have full authority to execute the order and/or directions of the Engineer without delay and to promptly supply such materials, tools, plant equipment, and labor as may be required. The superintendent or foreman shall have a copy of the Plans and specifications on the job at all time.

### 3.7 CONSTRUCTION STAKES

Reference lines and grade points for the location, alignment, and elevation of each structure will be determined and established by the Engineer, but the Contractor shall assume full responsibility for the alignment, elevations, and dimensions of each and all parts of the work with reference to the lines, points, and grades as established by the Engineer. For all structures, the Engineer shall furnish the Contractor with centerline and/or center points and such benchmarks or other points as are necessary to lay out the work correctly. The Contractor shall check all lines, points, and grades which may be given by the Engineer supplementary to the centerline, points, and control bench marks aforesaid, and shall be responsible for the accuracy of all measurements for grades and alignment of the work with reference to the centerline and/or points and bench marks established by the Engineer.

The Contractor shall exercise proper care in the preservation of alignment, grade, and reference stakes set for his use, or that of the Engineer. If such stakes are injured, lost, or removed by the Contractor's operations, they shall be reset at his expense.

### 3.8 INSPECTION

The Engineer or his representative shall be allowed access to all parts of the work at all times and shall be furnished such information and assistance by the Contractor as may be required to make a complete and detailed inspection thereof. Such inspection may include mill, plant, or shop inspection and any material furnished under these specifications is subject to such inspection.

## SECTION 4 CONTROL OF MATERIALS

### 4.1 SPECIFICATIONS FOR MATERIALS

All materials used in this work shall conform in all respects to the specifications therefore as herein set forth. Where a specification for material to be used in this work is not specifically set forth in these specifications, such material shall conform in all respects to the specifications as set forth in the A.S.T.M. Standards and/or Tentative Standards adopted and in effect on the date of receiving bids.

### 4.2 SUBSTITUTION OF MATERIALS AND EQUIPMENT

Wherever in these specifications or on the Plans for this work, materials or equipment are specified by trade names or catalog numbers of certain manufacturers, it is done for the purpose of establishing a standard of quality, durability, and/or efficiency, and not for any purpose of limiting competition. Wherever such definite reference is made in these specifications to any such material or equipment, it is understood that any equivalent material or equipment may be provided, however, that the written approval and acceptance of the Engineer of such equivalent material or equipment must be obtained prior to its purchase and/or incorporation in any part of the work.

### 4.3 THE METHODS OF TESTING

All tests of materials or equipment used in the work shall be made in accordance with the methods described in these specifications or the method of test prescribed in any specification for material or equipment herein specifically referred to and designated to govern the quality of any material or equipment.

Where a method of test for any material or equipment is not specifically provided for, such material or equipment shall be tested in accordance with the methods prescribed and set forth in the A.S.T.M. Standards and Tentative Standards adopted and in effect on the date of receiving bids.

### 4.4 DEFECTIVE MATERIALS

All materials not conforming to the requirements of these specifications shall be considered as defective and all such materials, whether in place or not, shall be rejected and shall be removed immediately from the work by the Contractor at his expense unless otherwise permitted by the Engineer. No rejected materials, the defects of which have been subsequently corrected, shall be used until approval has been given. Upon failure on the part of the Contractor to immediately comply with any order of the Engineer relative to the provisions of this section, the Engineer shall have the authority to remove and replace such defective material and to deduct the cost of removal and replacement from any moneys due or which may become due to the Contractor.

SECTION 5  
LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

5.1 COMPLIANCE WITH LAWS AND REGULATIONS

The Contractor shall at all times observe and comply with all Federal, State, Municipal and other local laws, ordinances, regulations, and requirements which in any manner affect the conduct of the work, and with all Federal, State and local laws and policies of non-discrimination, sexual harassment, prevailing wages and others applicable hereto; and all such orders or decrees as exist at the present and which may be enacted later, of bodies or tribunals having jurisdiction or authority over the work, and no plea of misunderstanding or ignorance thereof will be considered. He shall indemnify and save harmless the City and all its officers, agents, employees, and servants against any claim or liability arising from or based on the violation of any such law, ordinance, regulation, requirement, order or decree, whether by himself or his employees.

5.2 VENUE FOR LEGAL ACTION

The venue for any legal action that may arise from this agreement shall be in Kane County, Illinois.

5.3 WAIVER OF TRIAL BY JURY

The Contractor agrees to waive trial by jury for itself and all of its contracts with sub-Contractors shall contain a provision waiving trial by jury in the event of any legal action which may arise from this agreement with the City of Aurora as a party litigant.

5.4 PERMITS AND LICENSES

The Contractor shall take out and procure at his own expense all permits and licenses required by Federal, State or local public authorities, and he shall, without extra compensation from the City, pay all fees and charges and give notices required incident to the due and lawful prosecution of the work in relation thereto.

5.5 PATENTED DEVICES, MATERIALS, AND PROCESSES

It is mutually understood and agreed that without exception contract prices are to include all royalties and costs arising in the work. It is the intent that whenever the Contractor is required or desires to use any design, device, material, or process covered by letters of patent or copyright, the right of such use shall be provided for by suitable legal agreement with the patent owner. The Contractor and Surety in all cases shall indemnify and save harmless the City from any and all claims for infringement by reason of the use of any such patent design, device, materials, or process, to be performed or used under the contract, and shall indemnify and save harmless the said City for any costs, expenses, attorney's fees, and damages which it may be obligated to pay, by reason of any such infringement at any time during the prosecution or after the completion of the work.

5.6 BARRICADES, LIGHTS, AND SIGNS

The Contractor shall at his own expense and without further or other order provide, erect, and maintain at all times during the progress or suspension of the work, suitable barricades, fences, signs, or other adequate protection, and shall provide, keep, and maintain such lights, danger

signals, and watchmen as may be necessary or as may be ordered by the Engineer to ensure the safety of the public, as well as those engaged in connection with the work. All barricades and obstructions shall be protected at night by signal lights, which shall be suitably placed and which shall be kept burning from sunset to sunrise. Barricades shall be of substantial construction, and shall be painted in such a way as to increase their visibility at night.

The Contractor shall be held responsible for all damage to the work due to failure of barricades, signs, lights, and watchmen to protect it, and whenever evidence of such damage is found prior to acceptance, the Engineer may order such damaged portion immediately removed and replaced by the Contractor without cost to the City if, in his opinion, such action is justified. The Contractor's responsibility for the maintenance of barricades, signs, and lights shall not cease until the project shall have been accepted.

## 5.7 USE OF EXPLOSIVES

The use of explosives shall be prohibited.

## 5.8 PROTECTION AND RESTORATION OF PROPERTY

It is understood that in the execution of the work herein provided for there may be interference with and/or damage to trees, shrubbery, crops, fences, railroad tracks, overhead structures such as poles, wires, cables, underground structures such as sewers, gas mains, telephone conduits and cables, water mains, drains, service connections, wires, pipes, conduits, located along, adjacent to, and/or crossing the locations of the work, and that it may be necessary to relocate or reconstruct certain of such structures, improvements, and installations and/or to make repairs to the same by reasons of doing the work herein provided for, and it is therefore particularly and specifically agreed that the Contractor, except as otherwise herein provided, shall do the work necessary for such relocation, reconstruction, and repair and shall bear and pay all of the cost and expense of such relocation, reconstruction, and/or repair of, and all damage done to any and all such pipe line and other structures, improvements, and installations, including service connections, if any, to adjacent property, existing at the date of the execution of the contract and/or existing, during the period of the work to be done under the contract, which may be interfered with, damaged, and/or necessarily relocated, reconstructed, or repaired in the performance of the work herein provided for, including the restoration and resurfacing of unpaved portions of public streets and alleys, rights-of-way, easements, and private property damaged or disturbed by the work, the same to be restored to as good condition as the same existed at the time of the commencement of any such work or relocation.

It is further agreed that the owners of any structures, improvements, installations, referred to in the preceding paragraph shall have the right to do the work or any part thereof necessary for the relocation, reconstruction, replacement, repair, and other work required by reason of any interference with and/or damage to such structures, improvements, installations, due to the prosecution of the work and upon completion of such work by them done, said owners may render bills to the Contractor for the cost and expense thereof, which bills shall be paid by the Contractor, without extra compensation therefore from the City, upon demand by said owners, or upon demand made by the City upon the Contractor for the payment thereof.

## 5.9 RESPONSIBILITY FOR DAMAGE CLAIMS

The Contractor agrees to indemnify and save harmless the City of Aurora, their agents, and employees from and against all loss and expenses (including costs and attorneys' fees) by reason of liability imposed by law or claims made upon the City of Aurora for damages because of bodily

injury, including death at any time resulting therefrom sustained by any person or persons or on account of damage to property, including loss of use thereof, arising out of or in consequence of the performance of this work, whether such claims or injuries to persons or damage to property be due to the negligence of the Contractor, his Subcontractors or the City of Aurora.

The Contractor shall assume total risk and shall be responsible for any and all damages or losses caused by or in any way resulting from the work and provide all insurance necessary to protect and save harmless the City of Aurora and its employees. Said insurance shall include contractual liability equal to the limits hereinafter set forth.

The Contractor agrees to purchase a policy of insurance, which shall include the City of Aurora as an additional insured or provide separate coverage for the City with an owner's protective policy. All Insurance provided by Contractor, extending to owner as additional insurance, shall be primary and insurance maintained by owner shall be excess and not contributing with Contractor's insurance. The minimum amounts of insurance shall be as follows, except that no restrictions on occurrence limits will be permitted:

Bodily Injury Liability	Property Damage Liability	
<u>Each Occurrence</u>	<u>Each Occurrence</u>	<u>Aggregate</u>
\$3,500,000	\$500,000	\$7,000,000

The coverage and amounts above are minimum requirements and do not establish limits to the Contractor's liability. Other coverage and higher limits may be provided at the Contractor's option and expense.

Owner does not waive its subrogation rights against Contractor and/or any Subcontractor for damages due to losses to owner due to the fault or negligence of the Contractor and/or any Subcontractors during or as a result of the performance of the work.

All such insurance must include an endorsement whereby the insurer agrees to notify the City of Aurora at least thirty (30) days prior to non-renewal, reduction or cancellation. The Contractor shall cease operations on the project if the insurance is canceled or reduced below the required amount of coverage. All costs for insurance as specified herein will not be paid for separately, but shall be considered as incidental to the contract.

#### 5.10 WORKERS COMPENSATION ACT

The Contractor further agrees to insure his employees and their beneficiaries and to provide the employees and the beneficiaries of any Subcontractor employed from time to time by him on said work, the necessary first-aid, medical, surgical, and hospital services and any compensation provided for in the Workers Compensation Act of the State of Illinois that is or may be in force in the State.

Such insurance shall be placed by said Contractor in a company or association (to be approved by the City and to be accepted by the Council thereof) authorized under the laws of the State of Illinois to insure the liability above specified.

Said Contractor hereby further agrees to indemnify, keep and save harmless said City from all action, proceedings, claims, judgments, awards, and costs, losses, damages, expenses, and

attorney's fees which may in any way be brought against said City by reason of any accidental injuries or death suffered by any of his employees or the employees of any Subcontractor employed by him in and about the performance of the work provided for in the contract, and any and all liability resulting thereupon; and said Contractor, in case of any suit, action, or proceeding on account of any or all of the foregoing shall defend the same for and on behalf of said City and indemnify the City therefore and pay the amount of any and all awards and final judgments and/orders rendered and entered therein, together with all loss, costs, damages, attorney's fees, and expenses incurred therein. Said Contractor shall be the sole employer of its employees and workers, and in no way so shall the City be considered a joint employer of same under any circumstance.

## SECTION 6 PROSECUTION AND PROGRESS OF WORK

### 6.1 SUBLETTING OR ASSIGNMENT OF WORK

If the Contractor sublets the whole or any part of the work to be done under the contract, with or without the written consent of the City, he shall not, under any circumstances, be relieved of his liabilities and obligations. All transactions of the Engineer shall be with the Contractor; Subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence. In case any party or parties, to whom any work under the contract shall have been sublet, shall disregard the directions of the Engineer or his duly authorized representatives, or shall furnish any unsatisfactory work or shall fail or refuse in any way to conform to any of the provisions or conditions of the contract, then in that case, upon the written order of the Engineer, the Contractor shall require said party or parties in default to discontinue work under the contract. Said work shall be corrected or made good and shall be continued and completed by the said Contractor or by such other party or parties as are approved by the Engineer, in the manner and subject to all of the requirements specified in the contract.

### 6.2 PROSECUTION OF WORK

The Contractor shall begin the work to be performed under the contract no later than ten (10) days after the execution and acceptance of the contract, unless otherwise provided. The work shall be conducted in such a manner and with sufficient materials, equipment and labor as is considered necessary to ensure its completion within the time specified in the contract. The Contractor shall solely be fully responsible for complying with state and local prevailing wage requirements in accordance with its Bidders Certification, and for all wage rate and hour regulations and applications

### 6.3 GUARANTEE AND MAINTENANCE OF WORK

The Contractor shall guarantee the work to be free from defects of any nature for a period of one year from and after the final acceptance and payment for the work by the City, and the Contractor shall maintain said work and shall make all needed repairs and/or replacements during this one year period which in the judgment of the Council, may be necessary to ensure the delivery of the work to the City in first-class condition and in full conformity with the Plans and specifications therefore, at the expiration of the guarantee period.

### 6.4 PAYMENT

#### Basis of Payment

Payment of the CONTRACTOR for performance of the CONTRACT shall be made by the OWNER and shall be based on the value of the installation resulting from the CONTRACTOR's operations.

The cost of all WORK incidental to the completion of the project in accordance with the Plans and Specifications, excepting authorized extra WORK, shall be included in the unit and lump sum prices stated in the CONTRACTOR's accepted Proposal. The amount obtained by the summation of the products of the quantities of WORK performed or the respective unit or lump sum prices for several items listed in the proposal shall be payment in full, except for payment for

authorized extra WORK, for delivering the completed project to the OWNER in accordance with the Plans and Specifications.

#### Submission of Bid Breakdown

Within 10 days after the execution of this CONTRACT, the CONTRACTOR must submit to the ENGINEER in duplicate an acceptable breakdown of the lump sums and unit prices bid for items of the CONTRACT, showing the various operations to be performed under the CONTRACT, and the value of each of such operations, the total of such items to equal the total price bid. The CONTRACTOR shall also submit such other information relating to the bid prices as may be required and shall revise the bid breakdown as directed. Thereafter, the breakdown may be used for checking the CONTRACTOR's applications for partial payments hereunder but shall not be binding upon the OWNER or the ENGINEER for any purpose whatsoever.

#### Partial Payments

When not otherwise provided for under the Specifications for an item of WORK or a complete project, and if the rate of progress is satisfactory to the ENGINEER, partial payments will be made the CONTRACTOR by the OWNER during progress of construction. The amount of each partial payment shall be limited to ninety (90) percent (unless otherwise provided in the Instructions to Bidders) of the value of the WORK shown in the Engineer's periodic estimate to have been done and installed in place by the CONTRACTOR subsequent to the time of commencing WORK or of making the last preceding partial payment on account of WORK done. An amount greater than ninety (90) percent of the value of a largely completed project may be paid the CONTRACTOR at the option of the OWNER.

The CONTRACTOR's request for payment shall be in the form of an invoice, submitted to the OWNER through the ENGINEER, setting forth amounts due for WORK completed on payment items set forth in the CONTRACTOR's Proposal, and shall be accompanied by:

- (1) CONTRACTOR's Sworn Statement setting forth the Subcontractors and material suppliers, the amount requested for each of the Subcontractors or material suppliers, and the amount of the subcontract or material to be completed.
- (2) Subcontractor or material suppliers waivers of lien for amounts requested on previous payment requests.
- (3) CONTRACTOR's waivers of lien.

The CONTRACTOR's request will be reviewed by the ENGINEER and if the ENGINEER is in agreement with the value of WORK completed, as requested by the CONTRACTOR, and if the request is accompanied by the CONTRACTOR's Sworn Statement, Subcontractor and material suppliers waiver of lien as stated above, and by the CONTRACTOR's waiver of lien, the ENGINEER will recommend payment to the OWNER.

Partial payment made to the CONTRACTOR by the OWNER for WORK performed shall in no way constitute an acknowledgement of the acceptance of the WORK nor in any way prejudice or affect the obligation of the CONTRACTOR, at his expense, to repair, correct, renew or replace any defects or imperfections in the construction of the WORK under CONTRACT and

its appurtenances, nor any damage due or attributable to such defect, damage and the CONTRACTOR shall be liable to the OWNER for failure to correct the same as provided herein.

Payment in full or in part may be withheld for reasons which include but are not limited to: (1) the existence of defective work which is not remedied; (2) the existence of third party claims filed or reasonable evidence indicating probable filing of such claims; (3) the failure of the CONTRACTOR to make payments properly to Subcontractors or for labor, materials or equipment; (4) the existence of reasonable evidence that the WORK cannot be completed for the unpaid balance of the contract sum; (5) damage to the OWNER; (6) the existence of reasonable evidence that the WORK will not be completed within the CONTRACT time, and that the unpaid balance will not be adequate to cover actual or liquidated damages for the anticipated delay; or, (7) persistent failure to carry out the work in accordance with the contract documents. If within a reasonable time not to exceed 45 days CONTRACTOR has not remedied any condition for which payment in full has been withheld, then OWNER may make such payments as OWNER deems necessary to remedy such situation from said funds withheld and pay the balance to CONTRACTOR, or if, sums are still due to remedy the situation, CONTRACTOR will remit any balances due to OWNER within 10 days of notice of same.

#### ACCEPTANCE AND FINAL PAYMENT

Whenever the CONTRACT shall have been completely performed on the part of the CONTRACTOR, and all parts of the WORK have been approved by the ENGINEER and accepted by the OWNER, including the resolution of all matters of dispute, a final estimate showing the value of the WORK will be prepared by the ENGINEER as soon as the necessary measurements and computations can be made, all prior estimates upon which payments have been made being approximate only and subject to corrections in the final payments.

The CONTRACTOR shall submit a final payment request showing the total quantities completed for the entire project and all previous payouts. This payment request shall be accompanied by a sworn affidavit listing all Subcontractors and material suppliers and the total payments to each. Final Waivers of Lien from the Subcontractors and material suppliers as well as the CONTRACTOR shall also be furnished at this time.

A final payment including all amounts of money shown by the final estimate to be due the CONTRACTOR shall be made by the OWNER as soon as practicable after the final acceptance of the WORK, provided the CONTRACTOR has furnished the OWNER satisfactory evidence that all sums of money due for labor, materials, apparatus, fixtures or machinery furnished for the purpose of performing the Contract have been paid or that the person or persons to whom the same may respectively be due have consented to such final payment.



**Illinois Department of Transportation**

**Local Agency Proposal Bid Bond**

Route Various

County Dupage

Local Agency City of Aurora

Section \_\_\_\_\_

**RETURN WITH BID**

**PAPER BID BOND**

WE \_\_\_\_\_ as PRINCIPAL,

and \_\_\_\_\_ as SURETY,

are held jointly, severally and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this \_\_\_\_\_ day of \_\_\_\_\_

**Principal**

\_\_\_\_\_  
(Company Name)

\_\_\_\_\_  
(Company Name)

By: \_\_\_\_\_  
(Signature and Title)

By: \_\_\_\_\_  
(Signature and Title)

(If PRINCIPLE is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

**Surety**

\_\_\_\_\_  
(Name of Surety)

By: \_\_\_\_\_  
(Signature of Attorney-in-Fact)

STATE OF ILLINOIS,

COUNTY OF \_\_\_\_\_

I, \_\_\_\_\_, a Notary Public in and for said county,

do hereby certify that \_\_\_\_\_  
(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this \_\_\_\_\_ day of \_\_\_\_\_

My commission expires \_\_\_\_\_  
(Notary Public)

**ELECTRONIC BID BOND**

**Electronic bid bond is allowed (box must be checked by LA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

\_\_\_\_\_

Electronic Bid Bond ID Code

\_\_\_\_\_  
(Company/Bidder Name)

\_\_\_\_\_  
(Signature and Title)

\_\_\_\_\_  
Date

INDEX  
FOR  
SUPPLEMENTAL SPECIFICATIONS  
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2025

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS and frequently used RECURRING SPECIAL PROVISIONS.

ERRATA    Standard Specifications for Road and Bridge Construction                      (Adopted 1-1-22) (Revised 1-1-25)

SUPPLEMENTAL SPECIFICATIONS

<u>Std. Spec. Sec.</u>		<u>Page No.</u>
202	Earth and Rock Excavation .....	1
204	Borrow and Furnished Excavation.....	2
207	Porous Granular Embankment .....	3
211	Topsoil and Compost .....	4
406	Hot-Mix Asphalt Binder and Surface Course .....	5
407	Hot-Mix Asphalt Pavement (Full-Depth) .....	7
420	Portland Cement Concrete Pavement .....	8
502	Excavation for Structures .....	9
509	Metal Railings .....	10
540	Box Culverts .....	11
542	Pipe Culverts .....	31
550	Storm Sewers .....	40
586	Granular Backfill for Structures .....	47
630	Steel Plate Beam Guardrail .....	48
632	Guardrail and Cable Road Guard Removal .....	49
644	High Tension Cable Median Barrier .....	50
665	Woven Wire Fence .....	51
701	Work Zone Traffic Control and Protection .....	52
781	Raised Reflective Pavement Markers .....	54
782	Reflectors .....	55
801	Electrical Requirements .....	57
821	Roadway Luminaires .....	60
1003	Fine Aggregates .....	61
1004	Coarse Aggregates .....	62
1010	Finely Divided Minerals .....	63
1020	Portland Cement Concrete .....	64
1030	Hot-Mix Asphalt .....	67
1040	Drain Pipe, Tile, and Wall Drain .....	68
1061	Waterproofing Membrane System .....	69
1067	Luminaire .....	70
1097	Reflectors .....	77
1102	Hot-Mix Asphalt Equipment .....	78

## RECURRING SPECIAL PROVISIONS

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

<u>CHECK SHEET #</u>		<u>PAGE NO.</u>
1	Additional State Requirements for Federal-Aid Construction Contracts .....	79
2	Subletting of Contracts (Federal-Aid Contracts) .....	82
3	EEO .....	83
4	Specific EEO Responsibilities Nonfederal-Aid Contracts .....	93
5	Required Provisions - State Contracts .....	98
6	Asbestos Bearing Pad Removal .....	104
7	Asbestos Waterproofing Membrane and Asbestos Hot-Mix Asphalt Surface Removal .....	105
8	Temporary Stream Crossings and In-Stream Work Pads .....	106
9	Construction Layout Stakes .....	107
10	Use of Geotextile Fabric for Railroad Crossing .....	110
11	Subsealing of Concrete Pavements .....	112
12	Hot-Mix Asphalt Surface Correction .....	116
13	Pavement and Shoulder Resurfacing .....	118
14	Patching with Hot-Mix Asphalt Overlay Removal .....	119
15	Polymer Concrete .....	121
16	Reserved .....	123
17	Bicycle Racks .....	124
18	Temporary Portable Bridge Traffic Signals .....	126
19	Nighttime Inspection of Roadway Lighting .....	128
20	English Substitution of Metric Bolts .....	129
21	Calcium Chloride Accelerator for Portland Cement Concrete .....	130
22	Quality Control of Concrete Mixtures at the Plant .....	131
23	Quality Control/Quality Assurance of Concrete Mixtures .....	139
24	Reserved .....	155
25	Reserved .....	156
26	Temporary Raised Pavement Markers .....	157
27	Restoring Bridge Approach Pavements Using High-Density Foam .....	158
28	Portland Cement Concrete Inlay or Overlay .....	161
29	Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching .....	165
30	Longitudinal Joint and Crack Patching .....	168
31	Concrete Mix Design – Department Provided .....	170
32	Station Numbers in Pavements or Overlays .....	171



Local Public Agency	County	Section Number
City of Aurora	Kane	

**Check this box for lettings prior to 01/01/2025**

The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	79
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	82
3	<input type="checkbox"/> EEO	83
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	93
5	<input type="checkbox"/> Required Provisions - State Contracts	98
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	104
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	105
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	106
9	<input type="checkbox"/> Construction Layout Stakes	107
10	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	110
11	<input type="checkbox"/> Subsealing of Concrete Pavements	112
12	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	116
13	<input type="checkbox"/> Pavement and Shoulder Resurfacing	118
14	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	119
15	<input type="checkbox"/> Polymer Concrete	121
16	<input type="checkbox"/> Reserved	123
17	<input type="checkbox"/> Bicycle Racks	124
18	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	126
19	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	128
20	<input type="checkbox"/> English Substitution of Metric Bolts	129
21	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	130
22	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	131
23	<input checked="" type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	139
24	<input type="checkbox"/> Reserved	155
25	<input type="checkbox"/> Reserved	156
26	<input type="checkbox"/> Temporary Raised Pavement Markers	157
27	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	158
28	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	161
29	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	165
30	<input type="checkbox"/> Longitudinal Joint and Crack Patching	168
31	<input type="checkbox"/> Concrete Mix Design - Department Provided	170
32	<input type="checkbox"/> Station Numbers in Pavements or Overlays	171

Local Public Agency

County

Section Number

City of Aurora

Kane

The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Local Roads And Streets Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
LRS 1	<b>Reserved</b>	173
LRS 2	<input type="checkbox"/> Furnished Excavation	174
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance	175
LRS 4	<input checked="" type="checkbox"/> Flaggers in Work Zones	176
LRS 5	<input checked="" type="checkbox"/> Contract Claims	177
LRS 6	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	178
LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	184
LRS 8	<b>Reserved</b>	190
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments	191
LRS 10	<b>Reserved</b>	195
LRS 11	<input checked="" type="checkbox"/> Employment Practices	196
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works	198
LRS 13	<input checked="" type="checkbox"/> Selection of Labor	200
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	201
LRS 15	<input checked="" type="checkbox"/> Partial Payments	204
LRS 16	<input type="checkbox"/> Protests on Local Lettings	205
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	206
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	207
LRS 19	<input type="checkbox"/> Reflective Crack Control Treatment	208

## **ADJUSTMENTS AND RECONSTRUCTIONS (D1)**

Effective: March 15, 2011

Revised: October 1, 2021

Revise the first paragraph of Article 602.04 to read:

**“602.04 Concrete.** Cast-in-place concrete for structures shall be constructed of Class SI concrete according to the applicable portions of Section 503. Cast-in-place concrete for pavement patching around adjustments and reconstructions shall be constructed of Class PP-2 concrete, unless otherwise noted in the plans, according to the applicable portions of Section 1020.”

Revise the third, fourth and fifth sentences of the second paragraph of Article 602.11(c) to read:

“Castings shall be set to the finished pavement elevation so that no subsequent adjustment will be necessary, and the space around the casting shall be filled with Class PP-2 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b.”

Revise Article 603.05 to read:

**“603.05 Replacement of Existing Flexible Pavement.** After the castings have been adjusted, the surrounding space shall be filled with Class PP-2 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b.”

Revise Article 603.06 to read:

**“603.06 Replacement of Existing Rigid Pavement.** After the castings have been adjusted, the pavement and HMA that was removed, shall be replaced with Class PP-2 concrete, unless otherwise noted in the plans, not less than 9 in. (225 mm) thick. The pavement may be opened to traffic according to Article 701.17(e)(3)b.

The surface of the Class PP concrete shall be constructed flush with the adjacent surface.”

Revise the first sentence of Article 603.07 to read:

**“603.07 Protection Under Traffic.** After the casting has been adjusted and the Class PP concrete has been placed, the work shall be protected by a barricade and two lights according to Article 701.17(e)(3)b.”

**DRAINAGE AND INLET PROTECTION UNDER TRAFFIC (D1)**

Effective: April 1, 2011  
 Revised: April 2, 2011

Add the following to Article 603.02 of the Standard Specifications:

- “(i) Temporary Hot-Mix Asphalt (HMA) Ramp (Note 1) ..... 1030
- “(j) Temporary Rubber Ramps (Note 2)

Note 1. The HMA shall have maximum aggregate size of 3/8 in. (95 mm).

Note 2. The rubber material shall be according to the following.

Property	Test Method	Requirement
Durometer Hardness, Shore A	ASTM D 2240	75 ±15
Tensile Strength, psi (kPa)	ASTM D 412	300 (2000) min
Elongation, percent	ASTM D 412	90 min
Specific Gravity	ASTM D 792	1.0 - 1.3
Brittleness, °F (°C)	ASTM D 746	-40 (-40)”

Revise Article 603.07 of the Standard Specifications to read:

**“603.07 Protection Under Traffic.** After the casting has been adjusted and the Class PP concrete has been placed, the work shall be protected by a barricade and two lights according to Article 701.17(e)(3)b.

When castings are under traffic before the final surfacing operation has been started, properly sized temporary ramps shall be placed around the drainage and/or utility castings according to the following methods.

- (a) Temporary Asphalt Ramps. Temporary hot-mix asphalt ramps shall be placed around the casting, flush with its surface and decreasing to a featheredge in a distance of 2 ft (600 mm) around the entire surface of the casting.
- (b) Temporary Rubber Ramps. Temporary rubber ramps shall only be used on roadways with permanent posted speeds of 40 mph or less and when the height of the casting to be protected meets the proper sizing requirements for the rubber ramps as shown below.

Dimension	Requirement
Inside Opening	Outside dimensions of casting + 1 in. (25 mm)

Thickness at inside edge	Height of casting $\pm$ 1/4 in. (6 mm)
Thickness at outside edge	1/4 in. (6 mm) max.
Width, measured from inside opening to outside edge	8 1/2 in. (215 mm) min

Placement shall be according to the manufacturer's specifications.

Temporary ramps for castings shall remain in place until surfacing operations are undertaken within the immediate area of the structure. Prior to placing the surface course, the temporary ramp shall be removed. Excess material shall be disposed of according to Article 202.03."

## FRICITION AGGREGATE (D1)

Effective: January 1, 2011

Revised: December 1, 2021

Revise Article 1004.03(a) of the Standard Specifications to read:

**“1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA).** The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	<u>Allowed Alone or in Combination</u> <sup>5/</sup> : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA Low ESAL	Stabilized Subbase or Shoulders	<u>Allowed Alone or in Combination</u> <sup>5/</sup> : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag <sup>1/</sup> Crushed Concrete
HMA High ESAL Low ESAL	Binder IL-19.0 or IL-19.0L  SMA Binder	<u>Allowed Alone or in Combination</u> <sup>5/ 6/</sup> : Crushed Gravel Carbonate Crushed Stone <sup>2/</sup> Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete <sup>3/</sup>

Use	Mixture	Aggregates Allowed								
HMA High ESAL Low ESAL	C Surface and Binder IL-9.5 IL-9.5FG or IL-9.5L	<u>Allowed Alone or in Combination</u> <sup>5/</sup> : Crushed Gravel Carbonate Crushed Stone <sup>2/</sup> Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag <sup>4/</sup> Crushed Concrete <sup>3/</sup>								
HMA High ESAL	D Surface and Binder IL-9.5 or IL-9.5FG	<u>Allowed Alone or in Combination</u> <sup>5/</sup> : Crushed Gravel Carbonate Crushed Stone (other than Limestone) <sup>2/</sup> Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag <sup>4/</sup>								
		<u>Other Combinations Allowed:</u>								
		<table border="1"> <tr> <td><i>Up to...</i></td> <td><i>With...</i></td> </tr> <tr> <td>25% Limestone</td> <td>Dolomite</td> </tr> <tr> <td>50% Limestone</td> <td>Any Mixture D aggregate other than Dolomite</td> </tr> <tr> <td>75% Limestone</td> <td>Crushed Slag (ACBF) or Crushed Sandstone</td> </tr> </table>	<i>Up to...</i>	<i>With...</i>	25% Limestone	Dolomite	50% Limestone	Any Mixture D aggregate other than Dolomite	75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone
		<i>Up to...</i>	<i>With...</i>							
		25% Limestone	Dolomite							
50% Limestone	Any Mixture D aggregate other than Dolomite									
75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone									
HMA High ESAL	E Surface IL-9.5  SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> <sup>5/ 6/</sup> : Crushed Gravel Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag  No Limestone.								
		<u>Other Combinations Allowed:</u> <table border="1"> <tr> <td><i>Up to...</i></td> <td><i>With...</i></td> </tr> </table>	<i>Up to...</i>	<i>With...</i>						
<i>Up to...</i>	<i>With...</i>									

Use	Mixture	Aggregates Allowed	
		50% Dolomite <sup>2/</sup>	Any Mixture E aggregate
		75% Dolomite <sup>2/</sup>	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone
		75% Crushed Gravel <sup>2/</sup>	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag
HMA High ESAL	F Surface IL-9.5  SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination</u> <sup>5/ 6/</sup> :	
		Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone.	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		50% Crushed Gravel <sup>2/</sup> or Dolomite <sup>2/</sup>	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone

- 1/ Crushed steel slag allowed in shoulder surface only.
- 2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80.
- 3/ Crushed concrete will not be permitted in SMA mixes.
- 4/ Crushed steel slag shall not be used as binder.
- 5/ When combinations of aggregates are used, the blend percent measurements shall be by volume.”
- 6/ Combining different types of aggregate will not be permitted in SMA Ndesign 80.”

## HAMBURG WHEEL AND TENSILE STRENGTH RATIO TESTING (D1 LR)

Effective: December 1, 2020

Revised: December 1, 2021

Revise the second and third paragraph of Article 1030.05 (d) of the Standard Specifications to read:

“High ESAL mixture designs shall meet the following requirements for tensile strength, TSR and Hamburg wheel criteria.

If a mix design fails the Department’s verification testing, the Contractor shall make necessary changes to the mix and provide passing volumetric, tensile strength, TSR and Hamburg wheel procedure results before resubmittal. The Department will verify the passing results.”

Add to the end of Article 1030.05 (d)(3) of the Standard Specifications to read:

“ During mixture design, prepared samples shall be submitted to the District laboratory by the Contractor for verification testing. The required testing, and number and size of prepared samples submitted, shall be according to the following tables.

High ESAL – Required Samples for Verification Testing	
Mixture	Hamburg Wheel Testing <sup>1/2/</sup>
Binder	total of 3 - 160 mm tall bricks
Surface	total of 4 - 160 mm tall bricks

1/ The compacted gyratory bricks for Hamburg wheel testing shall be  $7.5 \pm 0.5$  percent air voids.

2/ If the Contractor does not possess the equipment to prepare the 160 mm tall brick(s), twice as many 115 mm tall compacted gyratory bricks will be acceptable.

Delete Article 1030.05(d)(4) of the Standard Specifications.

Revise the fourth paragraph of Article 1030.10 of the Standard Specifications to read:

“When a test strip is not required, each HMA mixture shall still be sampled on the first day of production: Hamburg wheel testing for High ESAL. Within two working days after sampling the mixture, the Contractor shall deliver gyratory cylinders to the District laboratory for Department verification testing. The High ESAL mixture test results shall meet the requirements of Articles 1030.05(d)(3) and 1030.05(d)(4). The required number and size of prepared samples submitted

for the Hamburg wheel and I-FIT testing shall be according to the “High ESAL - Required Samples for Verification Testing” table in Article 1030.05(d)(3) above.”

Revise the tenth paragraph of Article 1030.10 of the Standard Specifications to read:

“Upon notification by the Engineer of a failing Hamburg wheel test, the Contractor shall immediately resample and the Department will test. Paving may continue as long as all other mixture criteria is being met. If the second set of Hamburg wheel test fail, no additional mixture shall be produced until the Engineer receives passing Hamburg wheel tests.”

Add the following to the end of Article 1030.10 of the Standard Specifications to read:

“Mixture sampled during the first day of production shall include approximately 60 lb (27 kg) of additional material for the Department to conduct Hamburg wheel testing. Within two working days after sampling, the Contractor shall deliver prepared samples to the District laboratory for verification testing. The required number and size of prepared samples submitted for the Hamburg wheel testing shall be according to the “High ESAL - Required Samples for Verification Testing” table in Article 1030.05(d)(3) above.”

## HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D1)

Effective: November 1, 2019

Revised: January 1, 2025

Revise Article 1004.03(c) to read:

“(c) Gradation. The coarse aggregate gradations shall be as listed in the following table.

Use	Size/Application	Gradation No.
Class A-1, A-2, & A-3	3/8 in. (10 mm) Seal	CA 16 or CA 20
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & A-3	Cover Coat	CA 14
HMA High ESAL	IL-19.0; Stabilized Subbase IL-19.0	CA 11 <sup>1/</sup>
	SMA 12.5 <sup>2/</sup>	CA 13 <sup>4/</sup> , CA 14, or CA 16
	SMA 9.5 <sup>2/</sup>	CA 13 <sup>3/4/</sup> or CA 16 <sup>3/</sup>
	IL-9.5	CA 16, CM 13 <sup>4/</sup>
	IL-9.5FG	CA 16
HMA Low ESAL	IL-19.0L	CA 11 <sup>1/</sup>
	IL-9.5L	CA 16

1/ CA 16 or CA 13 may be blended with the CA 11.

2/ The coarse aggregates used shall be capable of being combined with the fine aggregates and mineral filler to meet the approved mix design and the mix requirements noted herein.

3/ The specified coarse aggregate gradations may be blended.

4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve.”

Revise Article 1004.03(e) of the Standard Specifications to read:

“(e) Absorption. For SMA the coarse aggregate shall also have water absorption  $\leq 2.0$  percent.”

Revise the “High ESAL” portion of the table in Article 1030.01 to read:

“High ESAL	Binder Courses	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75, SMA 12.5, Stabilized Subbase IL-19.0
	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5”

Revise Note 2. and add Note 6 to Article 1030.02 of the Standard Specifications to read:

“Item	Article/Section
(g) Performance Graded Asphalt Binder (Note 6)	1032
(h) Fibers (Note 2)	

Note 2. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 6. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be a SBS PG 76-22 for IL-4.75, except where modified herein..”

Revise table in Article 1030.05(a) of the Standard Specifications to read:

"MIXTURE COMPOSITION (% PASSING) <sup>1/</sup>												
Sieve Size	IL-19.0 mm		SMA 12.5		SMA 9.5		IL-9.5mm		IL-9.5FG		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max	min	max
1 1/2 in. (37.5 mm)												
1 in. (25 mm)		100										
3/4 in. (19 mm)	90	100		100								
1/2 in. (12.5 mm)	75	89	80	100		100		100		100		100
3/8 in. (9.5 mm)				65	90	100	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	60	75 <sup>6/</sup>	90	100
#8 (2.36 mm)	20	42	16	24 <sup>4/</sup>	16	32 <sup>4/</sup>	34 <sup>5/</sup>	52 <sup>2/</sup>	45	60 <sup>6/</sup>	70	90
#16 (1.18 mm)	15	30					10	32	25	40	50	65
#30 (600 μm)			12	16	12	18			15	30		
#50 (300 μm)	6	15					4	15	8	15	15	30
#100 (150 μm)	4	9					3	10	6	10	10	18
#200 (75 μm)	3.0	6.0	7.0	9.0 <sup>3/</sup>	7.5	9.5 <sup>3/</sup>	4.0	6.0	4.0	6.5	7.0	9.0 <sup>3/</sup>
#635 (20 μm)			≤ 3.0		≤ 3.0							
Ratio Dust/Asphalt Binder		1.0		1.5		1.5		1.0		1.0		1.0

1/ Based on percent of total aggregate weight.

2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign = 90.

3/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.

4/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.

- 5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.
- 6/ When the mixture is used as a binder, the maximum shall be increased by 0.5 percent passing.”

Revise Article 1030.05(b) of the Standard Specifications to read:

- (b) Volumetric Requirements. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 and SMA mixtures it shall be 3.5 percent and for Stabilized Subbase it shall be 3.0 percent at the design number of gyrations. The voids in the mineral aggregate (VMA) and voids filled with asphalt binder (VFA) of the HMA design shall be based on the nominal maximum size of the aggregate in the mix and shall conform to the following requirements.

Mix Design	Voids in the Mineral Aggregate (VMA), % Minimum for Ndesign				
	30	50	70	80	90
IL-19.0		13.5	13.5		13.5
IL-9.5		15.0	15.0		
IL-9.5FG		15.0	15.0		
IL-4.75 <sup>1/</sup>		18.5			
SMA-12.5 <sup>1/2/5/</sup>				17.0 <sup>3/</sup> /16.0 <sup>4/</sup>	
SMA-9.5 <sup>1/2/5/</sup>				17.0 <sup>3/</sup> /16.0 <sup>4/</sup>	
IL-19.0L	13.5				
IL-9.5L	15.0				

- 1/ Maximum draindown shall be 0.3 percent according to Illinois Modified AASHTO T 305.
- 2/ The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30°F.
- 3/ Applies when specific gravity of coarse aggregate is  $\geq 2.760$ .
- 4/ Applies when specific gravity of coarse aggregate is  $< 2.760$ .
- 5/ For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone”

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

“IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions greater than or equal to 2.0 percent, or which contain steel slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours.”

Revise the first and second paragraphs of Articles 1030.06(c)(2) of the Standard Specifications to read:

“(2) Personnel. The Contractor shall provide a QC Manager who shall have overall responsibility and authority for quality control. This individual shall maintain active certification as a Hot-Mix Asphalt Level II technician.

In addition to the QC Manager, the Contractor shall provide sufficient personnel to perform the required visual inspections, sampling, testing, and documentation in a timely manner. Mix designs shall be developed by personnel with an active certification as a Hot-Mix Asphalt Level III technician. Technicians performing mix design testing and plant sampling/testing shall maintain active certification as a Hot-Mix Asphalt Level I technician. The Contractor may provide a technician trainee who has successfully completed the Department’s “Hot-Mix Asphalt Trainee Course” to assist in the activities completed by a Hot-Mix Asphalt Level I technician for a period of one year after the course completion date. The Contractor may also provide a Gradation Technician who has successfully completed the Department’s “Gradation Technician Course” to run gradation tests only under the supervision of a Hot-Mix Asphalt Level II Technician. The Contractor shall provide a Hot-Mix Asphalt Density Tester who has successfully completed the Department’s “Nuclear Density Testing” course to run all nuclear density tests on the job site.”

Add Article 1030.06(d)(3) to the Standard Specifications to read:

“(3) The Contractor shall take possession of any Department unused backup or dispute resolution HMA mixture samples or density specimens upon notification by the Engineer. The Contractor shall collect the HMA mixture samples or density specimens from the location designated by the Engineer. The HMA mixture samples or density specimens may be added to RAP stockpiles according to Section 1031.”

Revise the second paragraph of Articles 1030.07(a)(11) and 1030.08(a)(9) of the Standard Specifications to read:

“When establishing the target density, the HMA maximum theoretical specific gravity (Gmm) will be based on the running average of four available Department test results for that project. If less than four Gmm test results are available, an average of all available Department test results for that project will be used. The initial Gmm will be the last available Department test result from a QMP project. If there is no available Department test result from a QMP project, the Department mix design verification test

result will be used as the initial Gmm.”

Revise the following table and notes in Article 1030.09 (c) of the Standard Specifications to read:

CONTROL LIMITS						
Parameter	IL-19.0, IL-9.5, IL-9.5FG, IL-19.0L, IL-9.5L		SMA-12.5, SMA-9.5		IL-4.75	
	Individual Test	Moving Avg. of 4	Individual Test	Moving Avg. of 4	Individual Test	Moving Avg. of 4
% Passing <sup>1/</sup>						
1/2 in. (12.5 mm)	± 6 %	± 4 %	± 6 %	± 4 %		
3/8 in. (9.5mm)			± 4 %	± 3 %		
# 4 (4.75 mm)	± 5 %	± 4 %	± 5 %	± 4 %		
# 8 (2.36 mm)	± 5 %	± 3 %	± 4 %	± 2 %		
# 16 (1.18 mm)			± 4 %	± 2 %	± 4 %	± 3 %
# 30 (600 µm)	± 4 %	± 2.5 %	± 4 %	± 2.5 %		
Total Dust Content # 200 (75 µm)	± 1.5 %	± 1.0 %			± 1.5 %	± 1.0 %
Asphalt Binder Content	± 0.3 %	± 0.2 %	± 0.2 %	± 0.1 %	± 0.3 %	± 0.2 %
Air Voids <sup>2/</sup>	± 1.2 %	± 1.0 %	± 1.2 %	± 1.0 %	± 1.2 %	± 1.0 %
Field VMA <sup>3/</sup>	-0.7 %	-0.5 %	-0.7 %	-0.5 %	-0.7 %	-0.5 %

1/ Based on washed ignition oven or solvent extraction gradation.

2/ The air voids target shall be a value equal to or between 3.2 % and 4.8 %.

3/ Allowable limit below minimum design VMA requirement.

Revise Article 1030.09(g)(2) of the Standard Specifications to read:

“(2)The Contractor shall complete split verification sample tests listed in the Limits of Precision table in Article 1030.09(h)(1).”

In the Supplemental Specifications, replace the revision for the end of the third paragraph of Article 1030.09(h)(2) with the following:

“When establishing the target density, the HMA maximum theoretical specific gravity (Gmm) will be the Department mix design verification test result.”

Add after third sentence of Article 1030.09(b) to read:

“If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the QC/QA document "Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure.”

Revise Table 1 and Note 4/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

	Breakdown/Intermediate Roller (one of the following)	Final Roller (one or more of the following)	Density Requirement
IL-9.5, IL-9.5FG, IL-19.0 <sup>1/</sup>	V <sub>D</sub> , P, T <sub>B</sub> , 3W, O <sub>T</sub> , O <sub>B</sub>	V <sub>S</sub> , T <sub>B</sub> , T <sub>F</sub> , O <sub>T</sub>	As specified in Section 1030
IL-4.75 and SMA <sup>3/ 4/</sup>	T <sub>B</sub> , 3W, O <sub>T</sub>	T <sub>F</sub> , 3W	As specified in Section 1030
Mixtures on Bridge Decks <sup>2/</sup>	T <sub>B</sub>	T <sub>F</sub>	As specified in Articles 582.05 and 582.06.

“4/ The Contractor shall provide a minimum of two steel-wheeled tandem rollers (T<sub>B</sub>), and/or three-wheel (3W) rollers for breakdown, except one of the (T<sub>B</sub>) or (3W) rollers shall be 84 inches (2.14 m) wide and a weight of 315 pound per linear inch (PLI) (5.63 kg/mm) and one of the (T<sub>B</sub>) or (3W) rollers can be substituted for an oscillatory roller (O<sub>T</sub>). T<sub>F</sub> rollers shall be a minimum of 280 lb/in. (50 N/mm). The 3W and T<sub>B</sub> rollers shall be operated at a uniform speed not to exceed 3 mph (5 km/h), with the drive roll for T<sub>B</sub> rollers nearest the paver and maintain an effective rolling distance of not more than 150 ft (45 m) behind the paver.”

Add the following after the fourth paragraph of Article 406.13 (b):

“The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design’s G<sub>mb</sub>.”

Revise first paragraph of Article 1030.10 of the Standard Specifications to read:

“A test strip of 300 ton (275 metric tons), except for SMA mixtures it will be 400 ton (363 metric ton), will be required for each mixture on each contract at the beginning of HMA production for each construction year according to the Manual of Test Procedures for Materials “Hot Mix Asphalt Test Strip Procedures”. At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results.”

Revise fourth paragraph of Article 1030.10 of the Standard Specifications to read:

“When a test strip is constructed, the Contractor shall collect and split the mixture according to the document “Hot-Mix Asphalt Test Strip Procedures”. The Engineer, or a

representative, shall deliver split sample to the District Laboratory for verification testing. The Contractor shall complete mixture tests stated in Article 1030.09(a). Mixture sampled shall include enough material for the Department to conduct mixture tests detailed in Article 1030.09(a) and in the document "Hot-Mix Asphalt Mixture Design Verification Procedure" Section 3.3. The mixture test results shall meet the requirements of Articles 1030.05(b) and 1030.05(d), except Hamburg wheel tests will only be conducted on High ESAL mixtures during production."

**BDE SPECIAL PROVISIONS**  
For the August 1 and September 19, 2025 Lettings

The following special provisions indicated by a “check mark” are applicable to this contract and will be included by the Project Coordination and Implementation Section of the Bureau of Design & Environment (BDE).

File Name	#		Special Provision Title	Effective	Revised	
	80099	1	<input type="checkbox"/>	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
	80274	2	<input type="checkbox"/>	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
	80192	3	<input type="checkbox"/>	Automated Flagger Assistance Devices	Jan. 1, 2008	April 1, 2023
	80173	4	<input type="checkbox"/>	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	<input type="checkbox"/>	Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
*	80241	6	<input type="checkbox"/>	Bridge Demolition Debris	July 1, 2009	
*	50531	7	<input type="checkbox"/>	Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	50261	8	<input type="checkbox"/>	Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80460	9	<input type="checkbox"/>	Cement, Finely Divided Minerals, Admixtures, Concrete, and Mortar	Jan. 1, 2025	
	80384	10	<input checked="" type="checkbox"/>	Compensable Delay Costs	June 2, 2017	April 1, 2019
*	80198	11	<input type="checkbox"/>	Completion Date (via calendar days)	April 1, 2008	
*	80199	12	<input type="checkbox"/>	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80461	13	<input type="checkbox"/>	Concrete Barrier	Jan. 1, 2025	
	80453	14	<input type="checkbox"/>	Concrete Sealer	Nov. 1, 2023	
	80261	15	<input type="checkbox"/>	Construction Air Quality – Diesel Retrofit	June 1, 2010	Jan. 1, 2025
*	80029	16	<input type="checkbox"/>	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Jan. 2, 2025
	80467	17	<input type="checkbox"/>	Erosion Control Blanket	Aug. 1, 2025	
	80229	18	<input type="checkbox"/>	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80452	19	<input type="checkbox"/>	Full Lane Sealant Waterproofing System	Nov. 1, 2023	
	80447	20	<input type="checkbox"/>	Grading and Shaping Ditches	Jan. 1, 2023	
	80433	21	<input type="checkbox"/>	Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80456	22	<input type="checkbox"/>	Hot-Mix Asphalt	Jan. 1, 2024	Jan. 1, 2025
	80446	23	<input type="checkbox"/>	Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
	80438	24	<input type="checkbox"/>	Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	April 2, 2024
	80450	25	<input type="checkbox"/>	Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	Aug. 1, 2025
	80464	26	<input type="checkbox"/>	Pavement Marking Inspection	April 1, 2025	
	80468	27	<input type="checkbox"/>	Pavement Patching	Aug. 1, 2025	
	80441	28	<input checked="" type="checkbox"/>	Performance Graded Asphalt Binder	Jan. 1, 2023	
	80459	29	<input type="checkbox"/>	Preformed Plastic Pavement Marking	June 2, 2024	
*	34261	30	<input type="checkbox"/>	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80455	31	<input type="checkbox"/>	Removal and Disposal of Regulated Substances	Jan. 1, 2024	April 1, 2024
	80445	32	<input type="checkbox"/>	Seeding	Nov. 1, 2022	
	80457	33	<input type="checkbox"/>	Short Term and Temporary Pavement Markings	April 1, 2024	April 2, 2024
	80462	34	<input type="checkbox"/>	Sign Panels and Appurtenances	Jan. 1, 2025	April 1, 2025
	80469	35	<input type="checkbox"/>	Slope Wall	Aug. 1, 2025	
	80448	36	<input type="checkbox"/>	Source of Supply and Quality Requirements	Jan. 2, 2023	
	80340	37	<input type="checkbox"/>	Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	38	<input type="checkbox"/>	Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397	39	<input type="checkbox"/>	Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	40	<input type="checkbox"/>	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80463	41	<input type="checkbox"/>	Submission of Bidders List Information	Jan. 2, 2025	Mar. 2, 2025
	80437	42	<input type="checkbox"/>	Submission of Payroll Records	April 1, 2021	Nov. 2, 2023
	80435	43	<input type="checkbox"/>	Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
	80465	44	<input type="checkbox"/>	Surveying Services	April 1, 2025	
	80466	45	<input type="checkbox"/>	Temporary Rumble Strips	April 1, 2025	
	80470	46	<input type="checkbox"/>	Traffic Signal Backplate	Aug. 1, 2025	
*	20338	47	<input type="checkbox"/>	Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429	48	<input type="checkbox"/>	Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	49	<input checked="" type="checkbox"/>	Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80458	50	<input type="checkbox"/>	Waterproofing Membrane System	Aug. 1, 2024	
	80302	51	<input type="checkbox"/>	Weekly DBE Trucking Reports	June 2, 2012	Jan. 2, 2025

80454	52	<input type="checkbox"/>	Wood Sign Support	Nov. 1, 2023	
80427	53	<input checked="" type="checkbox"/>	Work Zone Traffic Control Devices	Mar. 2, 2020	Jan. 1, 2025
* 80071	54	<input type="checkbox"/>	Working Days	Jan. 1, 2002	

Highlighted items indicate a new or revised special provision for the letting.

An \* indicates the special provision requires additional information from the designer, which needs to be submitted separately. The Project Coordination and Implementation Section will then include the information in the applicable special provision.

The following special provisions are in the 2025 Supplemental Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80434	Corrugated Plastic Pipe (Culvert and Storm Sewer)	Articles 542.03, 550.03, 1040.03, 1040.04(b), 1040.04(d) & 1040.08	Jan. 1, 2021	
80443	High Tension Cable Median Barrier Removal	Section 632	April 1, 2022	
80045	Material Transfer Device	Articles 406.03, 406.06(f), 406.13(b), 406.14 & 1102.02	Nov 15, 1999	Jan. 1, 2022
80410	Traffic Spotters	Article 701.13	Jan. 1, 2019	

## **COMPENSABLE DELAY COSTS (BDE)**

Effective: June 2, 2017

Revised: April 1, 2019

Revise Article 107.40(b) of the Standard Specifications to read:

“(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.

- (1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.
- (2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.
- (3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days.”

Revise Article 107.40(c) of the Standard Specifications to read:

“(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.

- (1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.

Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).

- (2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the

Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

- (3) Reduced Rate of Production Delay. The Contractor will be compensated for the reduced productivity for labor and equipment time in excess of the 25 percent threshold for that portion of the delay in excess of seven calendar days. Determination of compensation will be in accordance with Article 104.02, except labor and material additives will not be permitted.

Payment for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be determined according to Article 109.13.”

Revise Article 108.04(b) of the Standard Specifications to read:

“(b) No working day will be charged under the following conditions.

- (1) When adverse weather prevents work on the controlling item.
- (2) When job conditions due to recent weather prevent work on the controlling item.
- (3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.
- (4) When delays caused by utility or railroad adjustments prevent work on the controlling item.
- (5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.
- (6) When any condition over which the Contractor has no control prevents work on the controlling item.”

Revise Article 109.09(f) of the Standard Specifications to read:

“(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead

other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

The above Basis of Payment is an essential element of the contract and the claim cost recovery of the Contractor shall be so limited.”

Add the following to Section 109 of the Standard Specifications.

**“109.13 Payment for Contract Delay.** Compensation for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be allowed when such costs result from a delay meeting the criteria in the following table.

Contract Type	Cause of Delay	Length of Delay
Working Days	Article 108.04(b)(3) or Article 108.04(b)(4)	No working days have been charged for two consecutive weeks.
Completion Date	Article 108.08(b)(1) or Article 108.08(b)(7)	The Contractor has been granted a minimum two week extension of contract time, according to Article 108.08.

Payment for each of the various costs will be according to the following.

- (a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.
- (b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.
  - (1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to \$5,000,000	One Project Superintendent
Over \$ 5,000,000 - up to \$25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk
Over \$25,000,000 - up to \$50,000,000	One Project Manager, One Project Superintendent, One Engineer, and

	One Clerk
Over \$50,000,000	One Project Manager, Two Project Superintendents, One Engineer, and One Clerk

(2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.

(c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

When an extended traffic control adjustment is paid under this provision, an adjusted unit price as provided for in Article 701.20(a) for increase or decrease in the value of work by more than ten percent will not be paid.

Upon payment for a contract delay under this provision, the Contractor shall assign subrogation rights to the Department for the Department's efforts of recovery from any other party for monies paid by the Department as a result of any claim under this provision. The Contractor shall fully cooperate with the Department in its efforts to recover from another party any money paid to the Contractor for delay damages under this provision."

## PERFORMANCE GRADED ASPHALT BINDER (BDE)

Effective: January 1, 2023

Revise Article 1032.05 of the Standard Specifications to read:

**“1032.05 Performance Graded Asphalt Binder.** These materials will be accepted according to the Bureau of Materials Policy Memorandum, “Performance Graded Asphalt Binder Qualification Procedure.” The Department will maintain a qualified producer list. These materials shall be free from water and shall not foam when heated to any temperature below the actual flash point. Air blown asphalt, recycle engine oil bottoms (ReOB), and polyphosphoric acid (PPA) modification shall not be used.

When requested, producers shall provide the Engineer with viscosity/temperature relationships for the performance graded asphalt binders delivered and incorporated in the work.

- (a) Performance Graded (PG) Asphalt Binder. The asphalt binder shall meet the requirements of AASHTO M 320, Table 1 “Standard Specification for Performance Graded Asphalt Binder” for the grade shown on the plans and the following.

Test	Parameter
Small Strain Parameter (AASHTO PP 113) BBR, $\Delta T_c$ , 40 hrs PAV (40 hrs continuous or 2 PAV at 20 hrs)	-5 °C min.

- (b) Modified Performance Graded (PG) Asphalt Binder. The asphalt binder shall meet the requirements of AASHTO M 320, Table 1 “Standard Specification for Performance Graded Asphalt Binder” for the grade shown on the plans.

Asphalt binder modification shall be performed at the source, as defined in the Bureau of Materials Policy Memorandum, “Performance Graded Asphalt Binder Qualification Procedure.”

Modified asphalt binder shall be safe to handle at asphalt binder production and storage temperatures or HMA construction temperatures. Safety Data Sheets (SDS) shall be provided for all asphalt modifiers.

- (1) Polymer Modification (SB/SBS or SBR). Elastomers shall be added to the base asphalt binder to achieve the specified performance grade and shall be either a styrene-butadiene diblock, triblock copolymer without oil extension, or a styrene-butadiene rubber. The polymer modified asphalt binder shall be smooth, homogeneous, and be according to the requirements shown in Table 1 or 2 for the grade shown on the plans.

Table 1 - Requirements for Styrene-Butadiene Copolymer (SB/SBS) Modified Asphalt Binders		
Test	Asphalt Grade SB/SBS PG 64-28 SB/SBS PG 70-22	Asphalt Grade SB/SBS PG 64-34 SB/SBS PG 70-28 SB/SBS PG 76-22 SB/SBS PG 76-28
Separation of Polymer ITP, "Separation of Polymer from Asphalt Binder" Difference in °F (°C) of the softening point between top and bottom portions	4 (2) max.	4 (2) max.
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)		
Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, %	60 min.	70 min.

Table 2 - Requirements for Styrene-Butadiene Rubber (SBR) Modified Asphalt Binders		
Test	Asphalt Grade SBR PG 64-28 SBR PG 70-22	Asphalt Grade SB/SBS PG 64-34 SB/SBS PG 70-28 SBR PG 76-22 SBR PG 76-28
Separation of Polymer ITP, "Separation of Polymer from Asphalt Binder" Difference in °F (°C) of the softening point between top and bottom portions	4 (2) max.	4 (2) max.
Toughness ASTM D 5801, 77 °F (25 °C), 20 in./min. (500 mm/min.), in.-lbs (N-m)	110 (12.5) min.	110 (12.5) min.
Tenacity ASTM D 5801, 77 °F (25 °C), 20 in./min. (500 mm/min.), in.-lbs (N-m)	75 (8.5) min.	75 (8.5) min.
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)		
Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, %	40 min.	50 min.

- (2) Ground Tire Rubber (GTR) Modification. GTR modification is the addition of recycled ground tire rubber to liquid asphalt binder to achieve the specified performance grade. GTR shall be produced from processing automobile and/or truck tires by the ambient

grinding method or micronizing through a cryogenic process. GTR shall not exceed 1/16 in. (2 mm) in any dimension and shall not contain free metal particles, moisture that would cause foaming of the asphalt, or other foreign materials. A mineral powder (such as talc) meeting the requirements of AASHTO M 17 may be added, up to a maximum of four percent by weight of GTR to reduce sticking and caking of the GTR particles. When tested in accordance with Illinois Modified AASHTO T 27 “Standard Method of Test for Sieve Analysis of Fine and Coarse Aggregates” or AASHTO PP 74 “Standard Practice for Determination of Size and Shape of Glass Beads Used in Traffic Markings by Means of Computerized Optical Method”, a 50 g sample of the GTR shall conform to the following gradation requirements.

Sieve Size	Percent Passing
No. 16 (1.18 mm)	100
No. 30 (600 µm)	95 ± 5
No. 50 (300 µm)	> 20

GTR modified asphalt binder shall be tested for rotational viscosity according to AASHTO T 316 using spindle S27. GTR modified asphalt binder shall be tested for original dynamic shear and RTFO dynamic shear according to AASHTO T 315 using a gap of 2 mm.

The GTR modified asphalt binder shall meet the requirements of Table 3.

Table 3 - Requirements for Ground Tire Rubber (GTR) Modified Asphalt Binders		
Test	Asphalt Grade GTR PG 64-28 GTR PG 70-22	Asphalt Grade GTR PG 76-22 GTR PG 76-28 GTR PG 70-28
TESTS ON RESIDUE FROM ROLLING THIN FILM OVEN TEST (AASHTO T 240)		
Elastic Recovery ASTM D 6084, Procedure A, 77 °F (25 °C), 100 mm elongation, %	60 min.	70 min.

- (3) Softener Modification (SM). Softener modification is the addition of organic compounds, such as engineered flux, bio-oil blends, modified vegetable oils, glycol amines, and fatty acid derivatives, to the base asphalt binder to achieve the specified performance grade. Softeners shall be dissolved, dispersed, or reacted in the asphalt binder to enhance its performance and shall remain compatible with the asphalt binder with no separation. Softeners shall not be added to modified PG asphalt binder as defined in Articles 1032.05(b)(1) or 1032.05(b)(2).

An Attenuated Total Reflectance-Fourier Transform Infrared spectrum (ATR-FTIR) shall be collected for both the softening compound as well as the softener modified

asphalt binder at the dose intended for qualification. The ATR-FTIR spectra shall be collected on unaged softener modified binder, 20-hour Pressurized Aging Vessel (PAV) aged softener modified binder, and 40-hour PAV aged softener modified binder. The ATR-FTIR shall be collected in accordance with Illinois Test Procedure 601. The electronic files spectral files (in one of the following extensions or equivalent: \*.SPA, \*.SPG, \*.IRD, \*.IFG, \*.CSV, \*.SP, \*.IRS, \*.GAML, \*. [0-9], \*.IGM, \*.ABS, \*.DRT, \*.SBM, \*.RAS) shall be submitted to the Central Bureau of Materials.

Softener modified asphalt binders shall meet the requirements in Table 4.

Test	Asphalt Grade	
	SM PG 46-28	SM PG 46-34
	SM PG 52-28	SM PG 52-34
	SM PG 58-22	SM PG 58-28
	SM PG 64-22	
Small Strain Parameter (AASHTO PP 113) BBR, $\Delta T_c$ , 40 hrs PAV (40 hrs continuous or 2 PAV at 20 hrs)	-5°C min.	
Large Strain Parameter (Illinois Modified AASHTO T 391) DSR/LAS Fatigue Property, $\Delta G^* _{peak}$ , 40 hrs PAV (40 hrs continuous or 2 PAV at 20 hrs)	≥ 54 %	

The following grades may be specified as tack coats.

Asphalt Grade	Use
PG 58-22, PG 58-28, PG 64-22	Tack Coat

Revise Article 1031.06(c)(1) and 1031.06(c)(2) of the Standard Specifications to read:

“(1) RAP/RAS. When RAP is used alone or RAP is used in conjunction with RAS, the percentage of virgin ABR shall not exceed the amounts listed in the following table.

Ndesign	Binder	Surface	Polymer Modified Binder or Surface <sup>3/</sup>
30	30	30	10
50	25	15	10
70	15	10	10
90	10	10	10

1/ For Low ESAL HMA shoulder and stabilized subbase, the RAP/RAS ABR shall not exceed 50 percent of the mixture.

- 2/ When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).
  - 3/ The maximum ABR percentages for ground tire rubber (GTR) modified mixes shall be equivalent to the percentages specified for SBS/SBR polymer modified mixes.
- (2) FRAP/RAS. When FRAP is used alone or FRAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the following table.

HMA Mixtures - FRAP/RAS Maximum ABR % <sup>1/2/</sup>			
Ndesign	Binder	Surface	Polymer Modified Binder or Surface <sup>3/</sup>
30	55	45	15
50	45	40	15
70	45	35	15
90	45	35	15
SMA	--	--	25
IL-4.75	--	--	35

- 1/ For Low ESAL HMA shoulder and stabilized subbase, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.
- 2/ When FRAP/RAS ABR exceeds 20 percent for all mixes, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).
- 3/ The maximum ABR percentages for GTR modified mixes shall be equivalent to the percentages specified for SBS/SBR polymer modified mixes.”

Add the following to the end of Note 2 of Article 1030.03 of the Standard Specifications.

“A dedicated storage tank for the ground tire rubber (GTR) modified asphalt binder shall be provided. This tank shall be capable of providing continuous mechanical mixing throughout and/or recirculation of the asphalt binder to provide a uniform mixture. The tank shall be heated and capable of maintaining the temperature of the asphalt binder at 300 °F to 350 °F (149 °C to 177 °C). The asphalt binder metering systems of dryer drum plants shall be calibrated with the actual GTR modified asphalt binder material with an accuracy of ±0.40 percent.”

## **VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE)**

Effective: November 1, 2021

Revised: November 1, 2022

Add the following paragraph after the first paragraph of Article 701.08 of the Standard Specifications:

“The Contractor shall equip all vehicles and equipment with high-intensity oscillating, rotating, or flashing, amber or amber-and-white, warning lights which are visible from all directions. In accordance with 625 ILCS 5/12-215, the lights may only be in operation while the vehicle or equipment is engaged in construction operations.”

80439

## WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Revised: January 1, 2025

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports ..... 1106.02”

Revise the third paragraph of Article 701.14 of the Standard Specifications to read:

“For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer’s specifications.”

Revise the first paragraph of Article 701.15 of the Standard Specifications to read:

“**701.15 Traffic Control Devices.** For devices that must meet crashworthiness standards, the Contractor shall provide a manufacturer’s self-certification or a FHWA eligibility letter for each Category 1 device and a FHWA eligibility letter for each Category 2 and Category 3 device used on the contract. The self-certification or letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device.”

Revise the first six paragraphs of Article 1106.02 of the Standard Specifications to read:

“**1106.02 Devices.** Work zone traffic control devices and combinations of devices shall meet crashworthiness standards for their respective categories. The categories are as follows.

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices shall be MASH compliant.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices shall be MASH compliant.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant

with NCHRP 350, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

Category 4 includes portable or trailer-mounted devices such as sign supports, speed feedback displays, arrow boards, changeable message signs, temporary traffic signals, and area lighting supports. It is preferable for Category 4 devices manufactured after December 31, 2019 to be MASH-16 compliant; however, there are currently no crash tested devices in this category, so it remains exempt from the NCHRP 350 or MASH compliance requirement.

For each type of device, when no more than one MASH compliant is available, an NCHRP 350 compliant device may be used, even if manufactured after December 31, 2019.”

Revise Articles 1106.02(g), 1106.02(k), and 1106.02(l) to read:

“(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(k) Temporary Water Filled Barrier. The water filled barrier shall be a lightweight plastic shell designed to accept water ballast and be on the Department’s qualified product list.

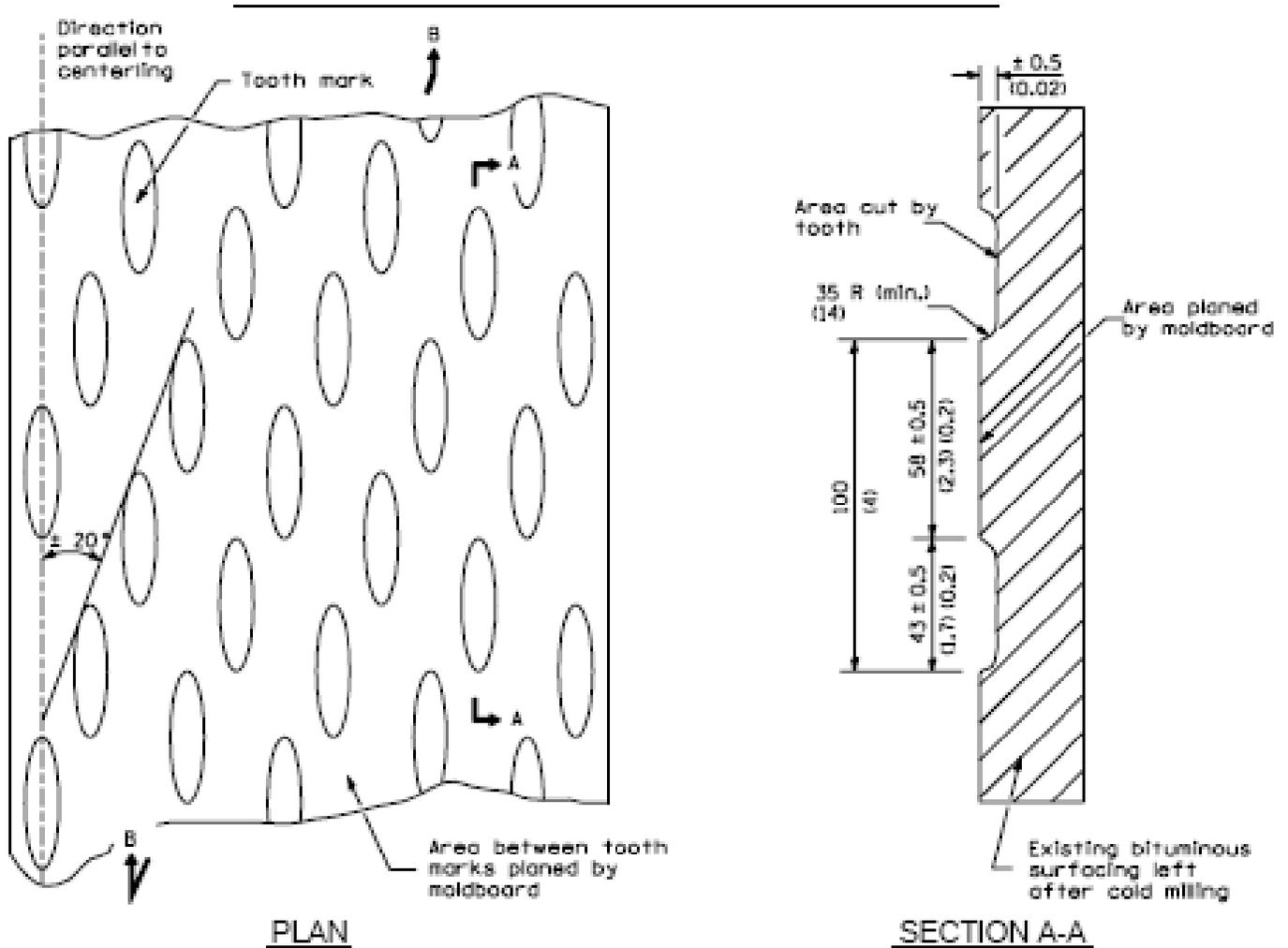
Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings.

(l) Movable Traffic Barrier. The movable traffic barrier shall be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis.”

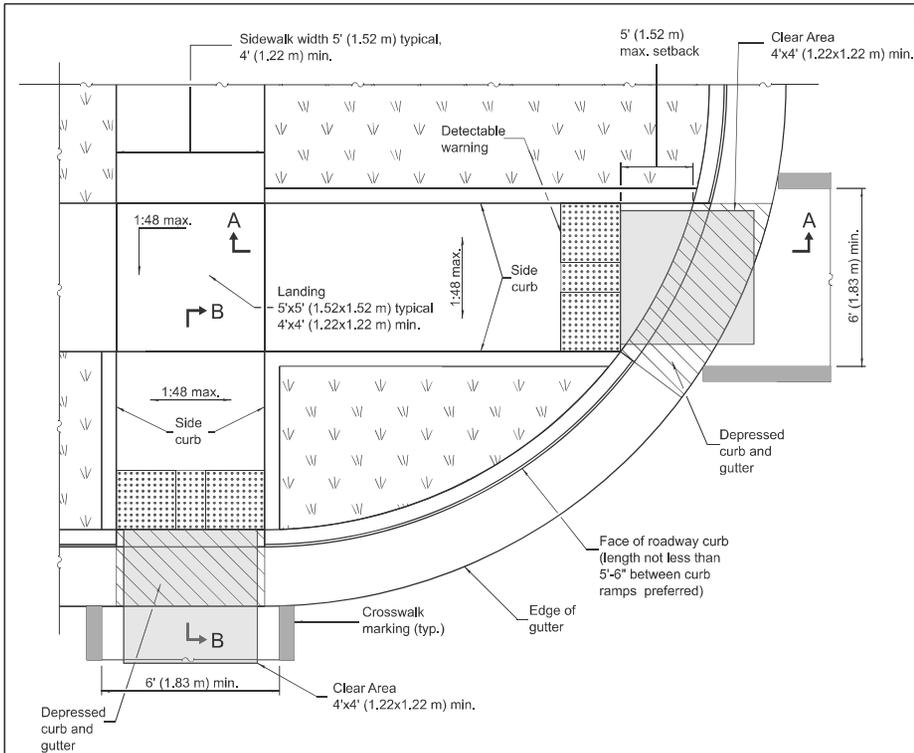
**REQUIRED COLD MILLED SURFACE TEXTURE**

Effective: November 1, 1987  
Revised: January 1, 2007

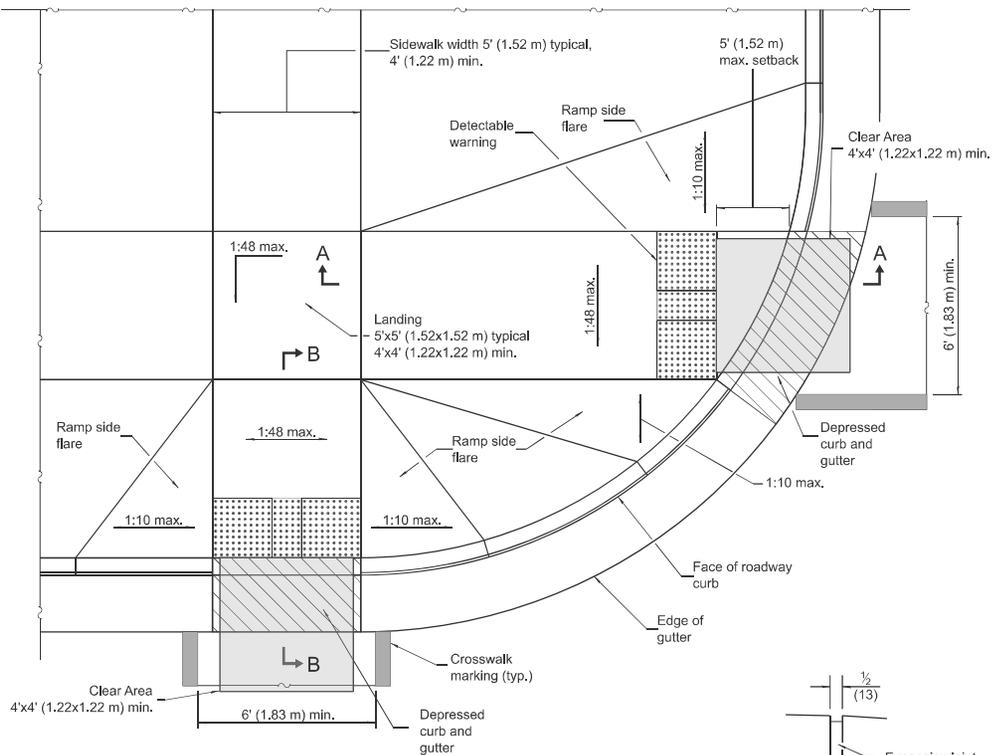


**GENERAL NOTES**

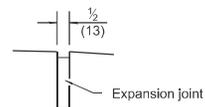
1. Cold Milling shall consist of two processes:
  - Cutting with carbide teeth mounted on a rotating drum, and
  - Planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a portion of discontinuous longitudinal striations.
3. All dimensions are in millimeters (inches) unless otherwise shown.



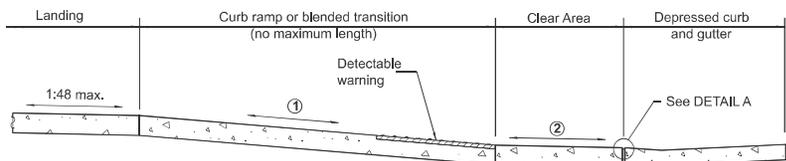
**RAMPS IN LANDSCAPED AREA  
SETBACK ≤ 5'**



**RAMPS IN PAVED AREA  
SETBACK ≤ 5'**

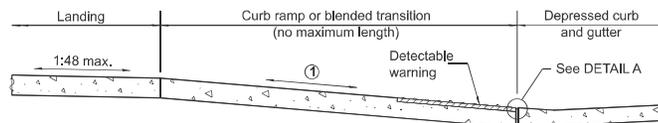


**DETAIL A**



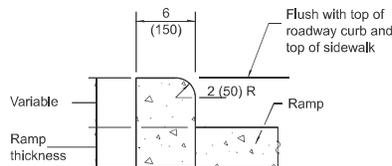
**SECTION A-A**

- ① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.
- ② Clear Area shall be located outside the travel lane inclusive of any bicycle lanes. The running slope shall be 1:20 max and the cross slope shall be:
  - Signalized/Uncontrolled Intersection - 1:20
  - Yield/Stop Controlled Intersection - 1:48
  - Midblock - grade of the road



**SECTION B-B**

- ① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.



**SIDE CURB DETAIL**

See Sheet 2 for GENERAL NOTES.

Illinois Department of Transportation

APPROVED January 1, 2025  
*Michael J. Smith*  
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2025  
*John C. Smith*  
 ENGINEER OF DESIGN AND ENVIRONMENT

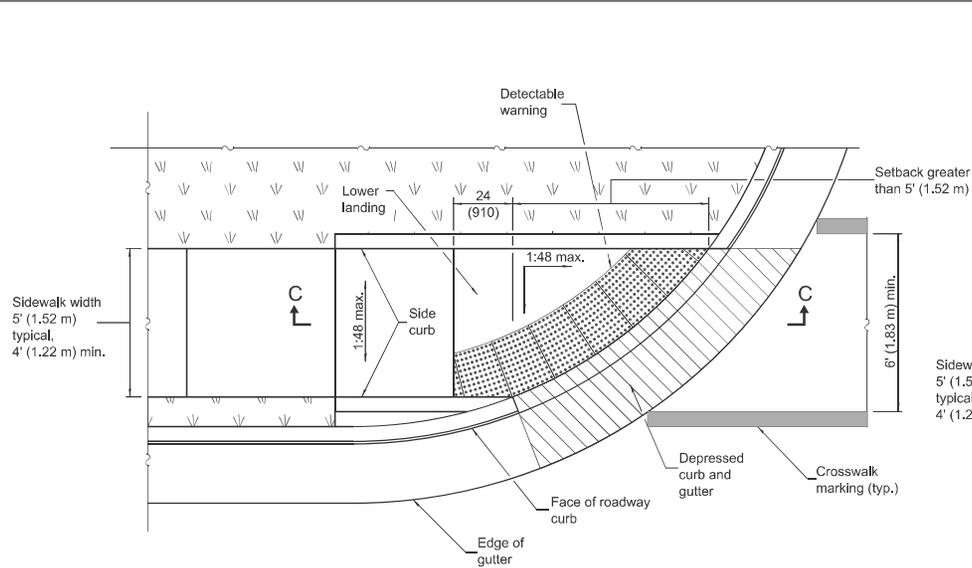
APP-1 (01/2015)

DATE	REVISIONS
1-1-25	Indicated "Clear Area" Location and updated cross-slopes.
1-1-19	Removed "15-foot rule", added "Blended transitions" and placement tolerances for detectable warnings.

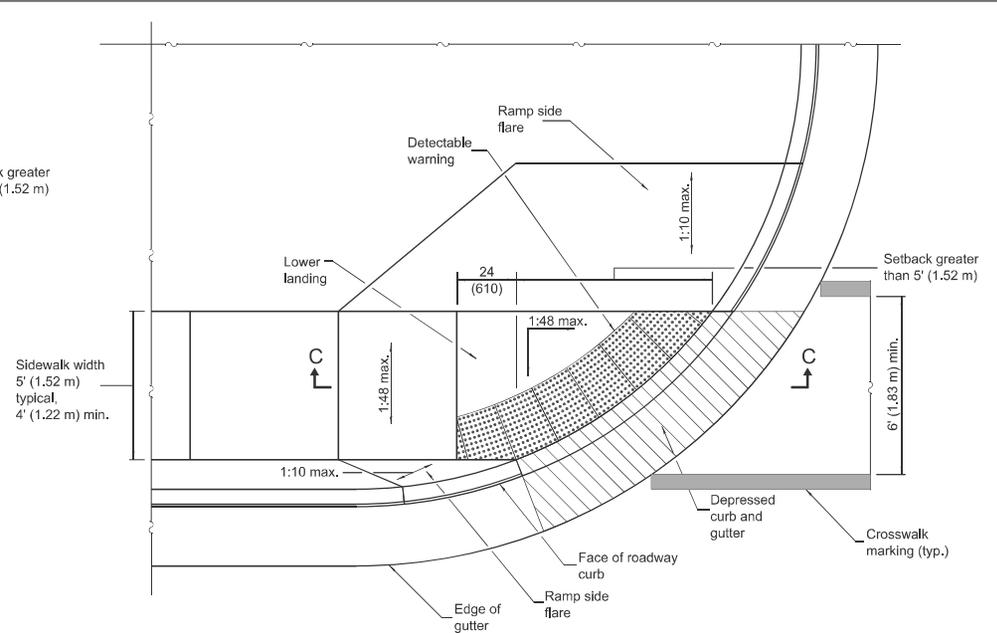
**PERPENDICULAR CURB  
RAMPS FOR SIDEWALKS**

(Sheet 1 of 2)

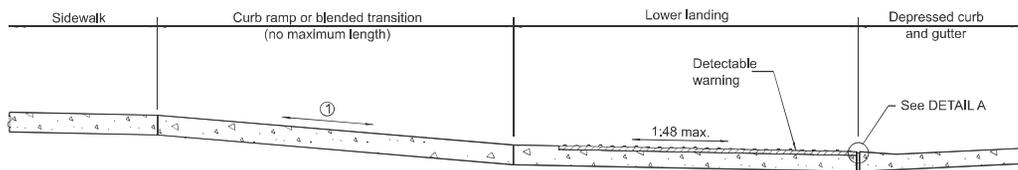
**STANDARD 424001-12**



**RAMP IN LANDSCAPED AREA  
SETBACK > 5'**



**RAMP IN PAVED AREA  
SETBACK > 5'**



**SECTION C-C**

① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.

**GENERAL NOTES**

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

Where 1:48 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

**Side Border** - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

**Curb Set-Back** - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

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

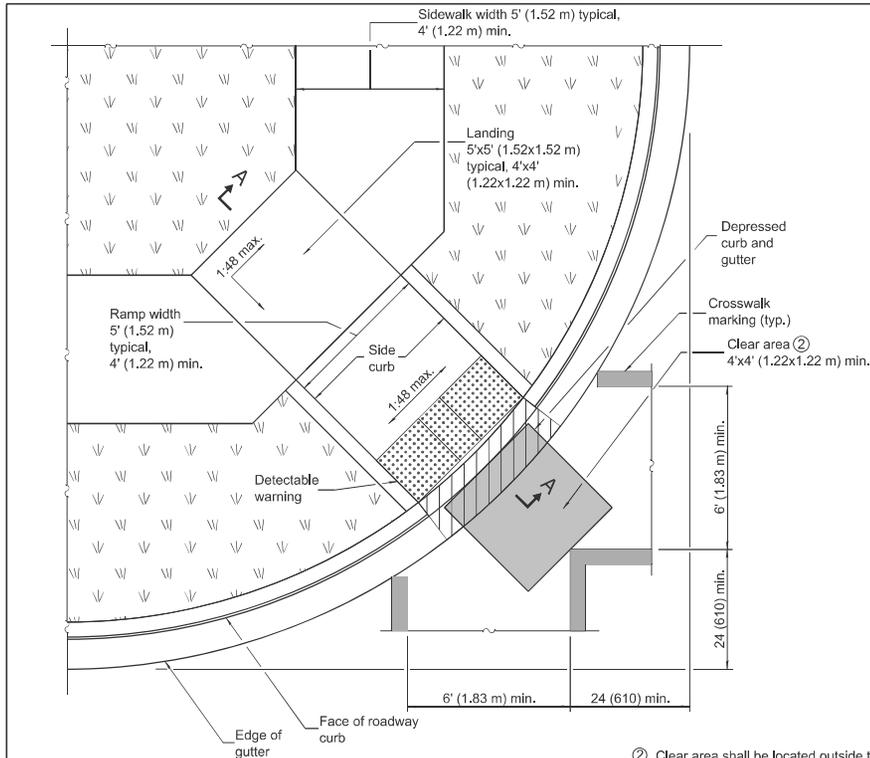
**PERPENDICULAR CURB  
RAMPS FOR SIDEWALKS**

(Sheet 2 of 2)

**STANDARD 424001-12**

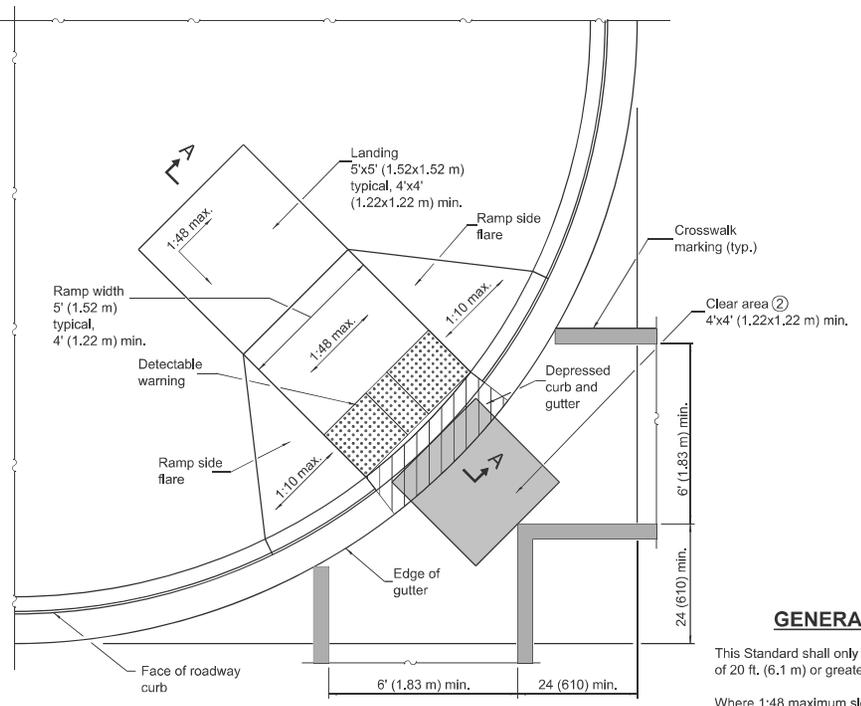
Illinois Department of Transportation	
APPROVED	January 1, 2025
ENGINEER OF POLICY AND PROCEDURES	
APPROVED	January 1, 2025
ENGINEER OF DESIGN AND ENVIRONMENT	

4/8/11 CEN/ST



**RAMP IN LANDSCAPED AREA**

- ② Clear area shall be located outside the travel lane inclusive of any bicycle lanes. The running slope shall be 1:20 max and the cross slope shall be:
- Signalized/Uncontrolled Intersection - 1:20
  - Yield/Stop Controlled Intersection - 1:48
  - Midblock - grade of road



**RAMP IN PAVED AREA**

**GENERAL NOTES**

This Standard shall only be used for curb radii of 20 ft. (6.1 m) or greater.

Where 1:48 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

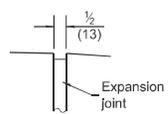
**Side Border** - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

**Curb Set-Back** - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

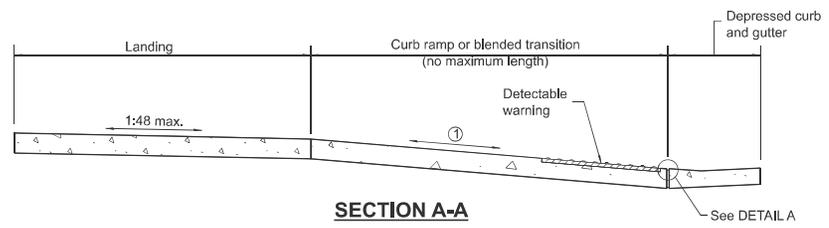
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

See Standard 606001 for details of depressed curb adjacent to curb ramp.

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

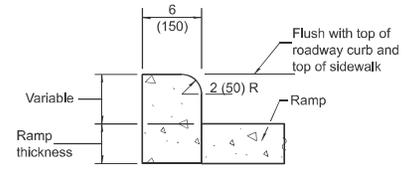


**DETAIL A**



**SECTION A-A**

- ① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.



**SIDE CURB DETAIL**

Illinois Department of Transportation

APPROVED January 1, 2025  
*Madell Wood*  
 ENGINEER OF POLICY AND PROCEDURES

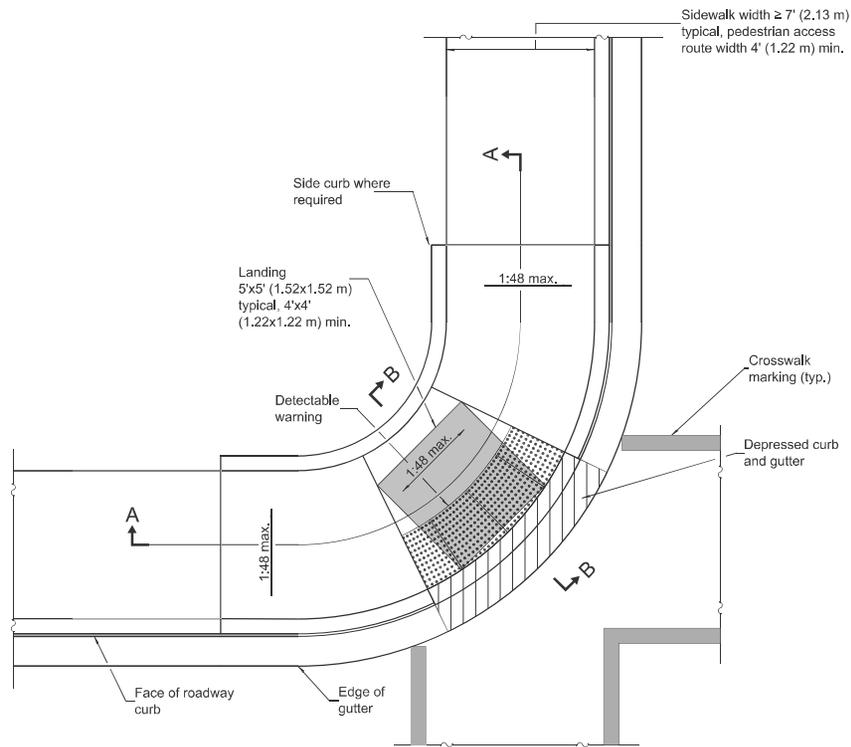
APPROVED January 1, 2025  
*Jeddie*  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12

DATE	REVISIONS
1-1-25	Indicated "Clear Area" location and updated cross-slopes.
1-1-21	Clarified minimum crosswalk width and locations.

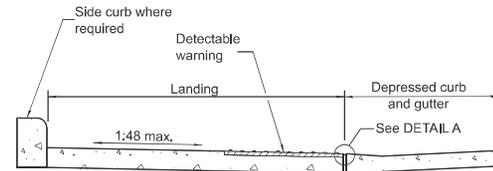
**DIAGONAL CURB RAMPS FOR SIDEWALKS**

**STANDARD 424006-06**

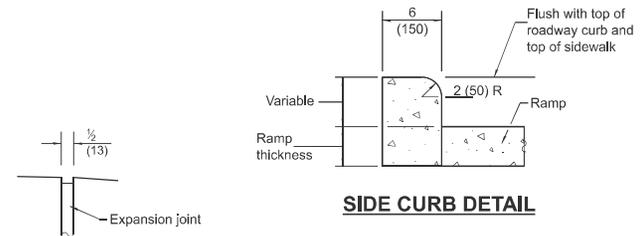


**CORNER PARALLEL CURB RAMP**

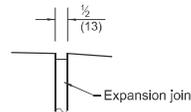
Sidewalk width  $\geq 7'$  (2.13 m) typical, pedestrian access route width  $4'$  (1.22 m) min.



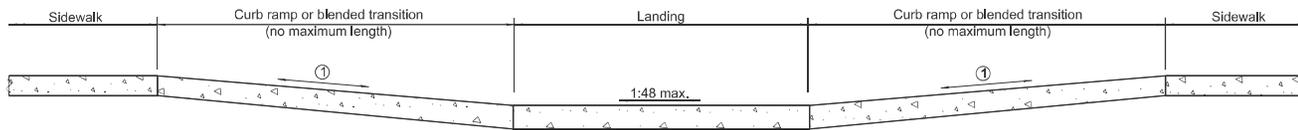
**SECTION B-B**



**SIDE CURB DETAIL**



**DETAIL A**



**SECTION A-A**

① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.

**GENERAL NOTES**

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

Where 1:48 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

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

DATE	REVISIONS
1-1-25	Revised turning space with landing and updated cross-slope.
1-1-19	Removed upper landing, added blended transition and detectable warning tolerances.

**CORNER PARALLEL CURB RAMPS FOR SIDEWALKS**

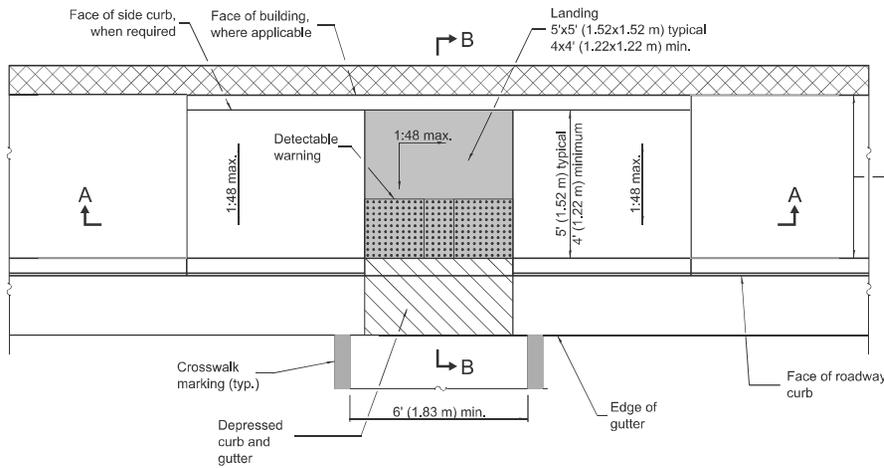
**STANDARD 424011-05**

Illinois Department of Transportation

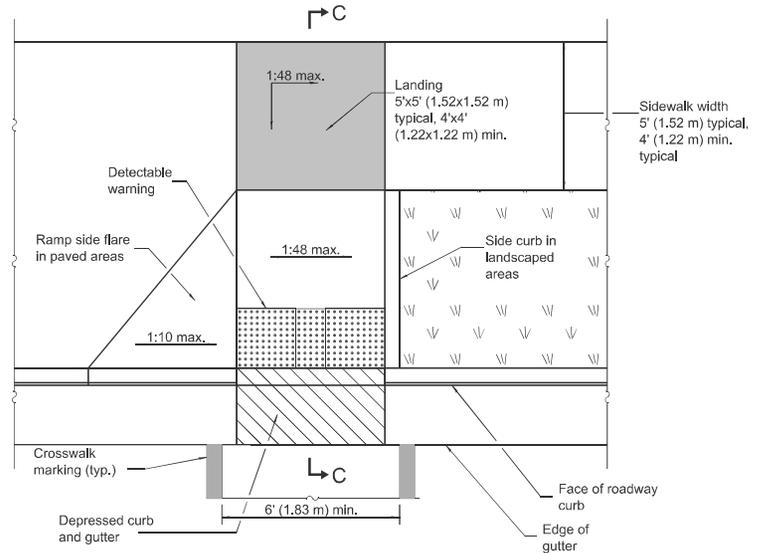
APPROVED January 1, 2025  
*Madell L. Wood*  
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2025  
*Gold*  
 ENGINEER OF DESIGN AND ENVIRONMENT

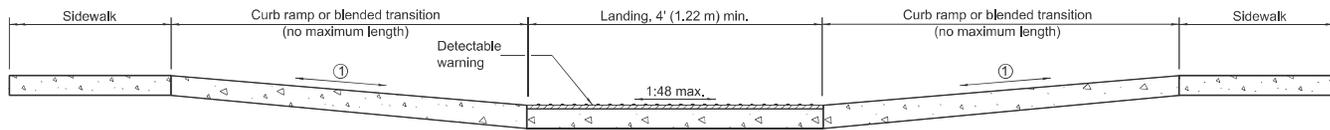
ISSUED 1-1-12



**PARALLEL MID-BLOCK CURB RAMP**

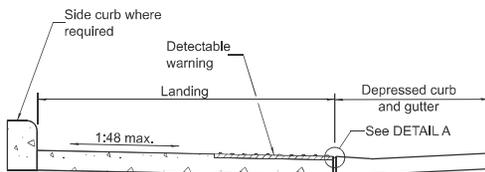


**PERPENDICULAR MID-BLOCK CURB RAMP**

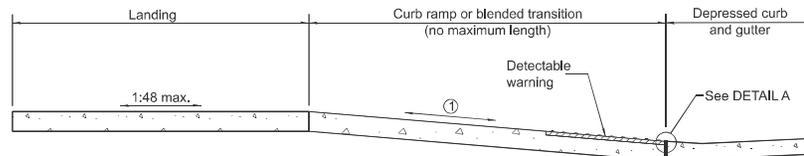


**SECTION A-A**

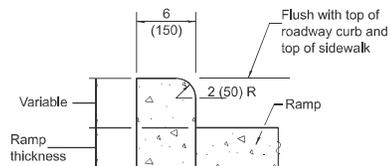
① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.



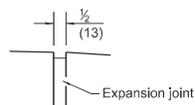
**SECTION B-B**



**SECTION C-C**



**SIDE CURB DETAIL**



**DETAIL A**

**GENERAL NOTES**

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

Where 1:48 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in. width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

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

DATE	REVISIONS
1-1-25	Revised turning space with landing and updated cross-slope.
1-1-19	Removed upper landing, added blended transitions and detectable warning tolerances.

**MID-BLOCK CURB RAMPS FOR SIDEWALKS**

**STANDARD 424016-06**

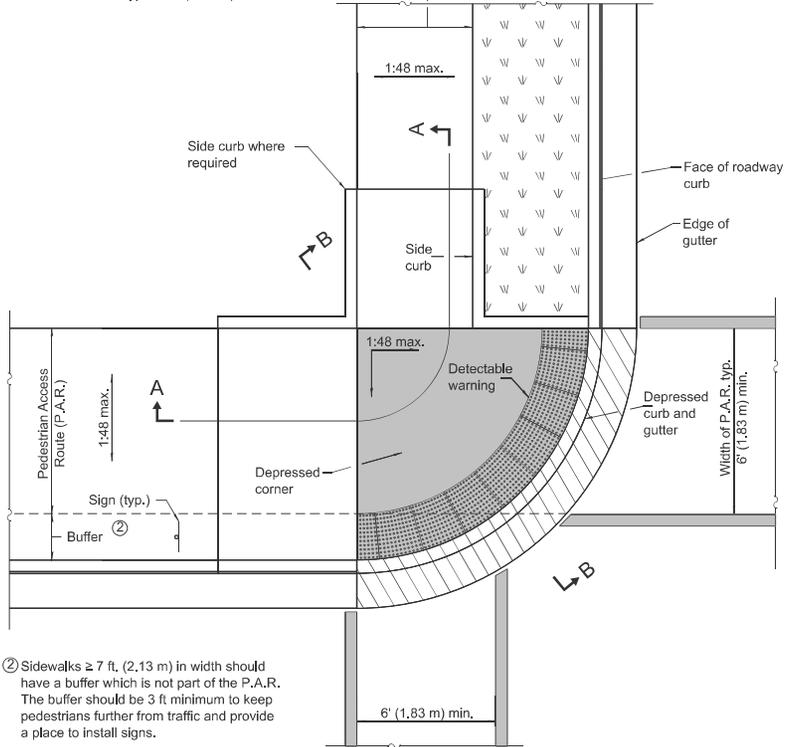
Illinois Department of Transportation

APPROVED January 1, 2025  
*Michael C. Wood*  
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2025  
*Jedrick*  
 ENGINEER OF DESIGN AND ENVIRONMENT

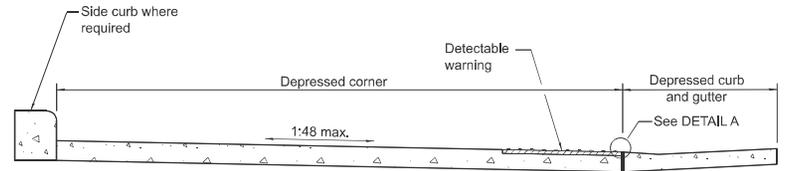
ISSUED 1-1-12

Sidewalk width 5' (1.52 m)  
typical, 4' (1.22 m) min.

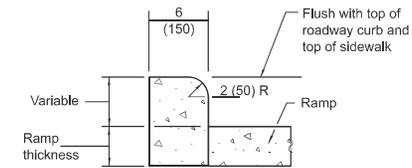


② Sidewalks  $\geq 7$  ft. (2.13 m) in width should have a buffer which is not part of the P.A.R. The buffer should be 3 ft minimum to keep pedestrians further from traffic and provide a place to install signs.

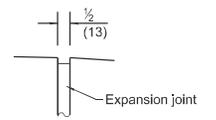
**DEPRESSED CORNER**



**SECTION B-B**



**SIDE CURB DETAIL**



**DETAIL A**

**GENERAL NOTES**

This standard shall only be used for curb radii of 6 ft. (1.83 m) or greater.

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

Where 1:48 maximum slope is shown, 1:64 is preferred.

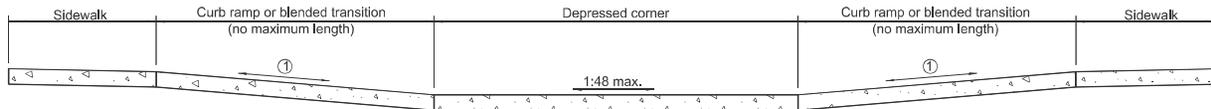
Detectable warnings are shown in their ideal tolerances but the following placement tolerances are allowed.

**Side Border** - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in. width is allowed.

**Curb Set-Back** - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

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



**SECTION A-A**

① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.

DATE	REVISIONS
1-1-25	Remove min running slope from note 1 and updated cross-slope.
1-1-21	Added crosswalk striping and a "buffer" for wide sidewalks.

**DEPRESSED CORNER FOR SIDEWALKS**

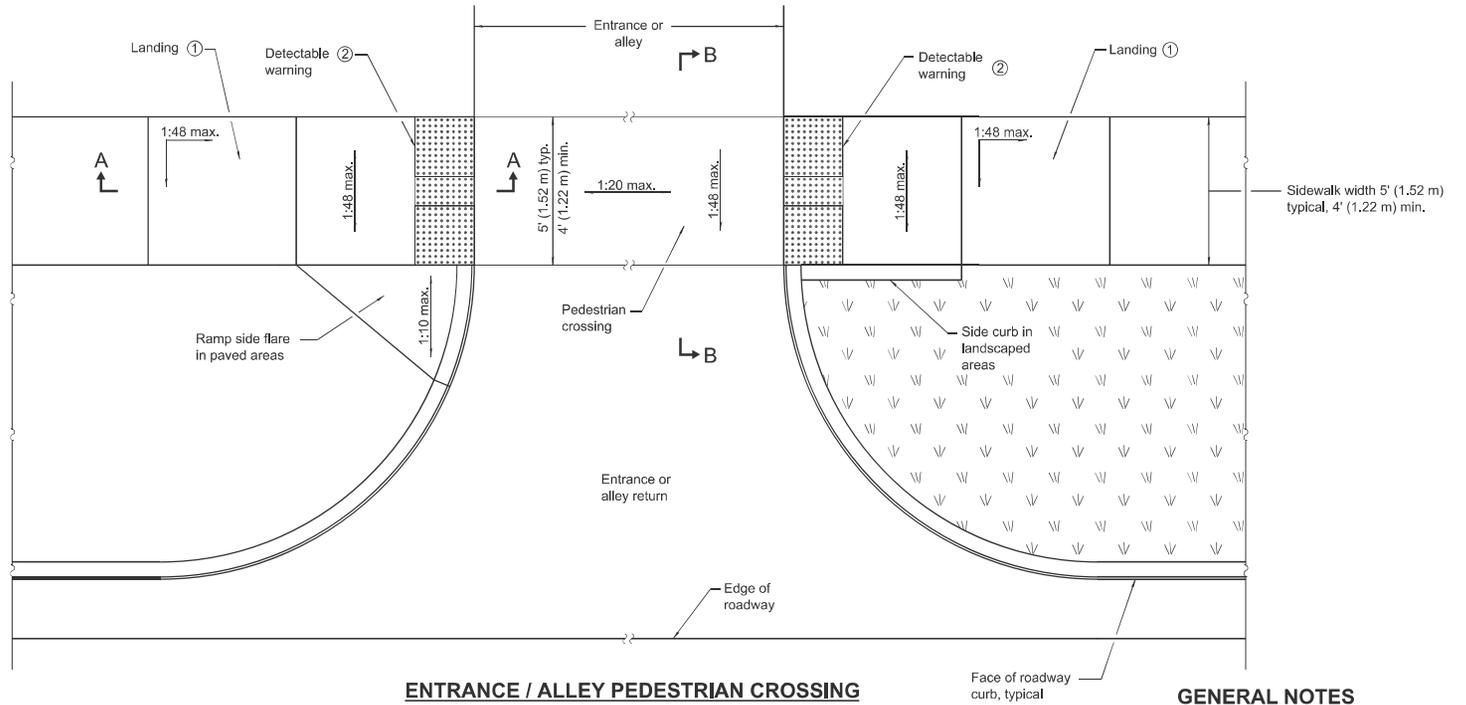
**STANDARD 424021-07**

Illinois Department of Transportation

APPROVED January 1, 2025  
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2025  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12



- ① Landing not required for blended transitions, or where there is no change in direction.
- ② Detectable warning shall only be installed at entrances/alleys with permanent traffic control devices (i.e. stop signs, signals).
- ③ Where possible, maintain the grade of the sidewalk across the entrance/ally to avoid the need for ramps and turning spaces.
- ④ The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.

**ENTRANCE / ALLEY PEDESTRIAN CROSSING**

**GENERAL NOTES**

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

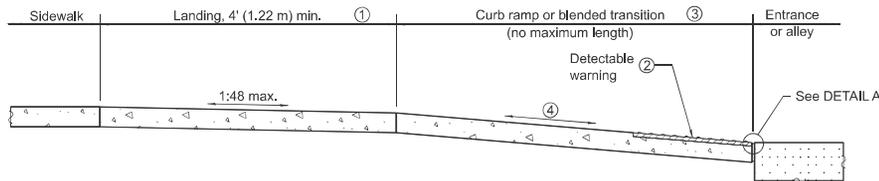
Where 1:48 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

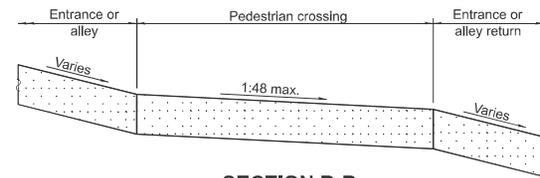
**Side Border** - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

**Curb Set-Back** - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

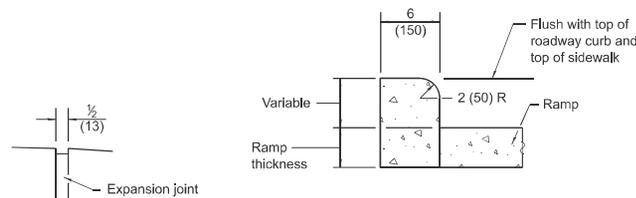
All dimensions are in inches (millimeters) unless otherwise shown.



**SECTION A-A**



**SECTION B-B**



**SIDE CURB DETAIL**

**DETAIL A**

DATE	REVISIONS
1-1-25	Modified Section A-A notes and updated cross slopes.
1-1-19	Added blended transitions and placement tolerances for detectable warnings.

**ENTRANCE / ALLEY PEDESTRIAN CROSSINGS**

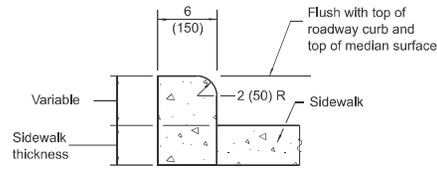
**STANDARD 424026-04**

Illinois Department of Transportation

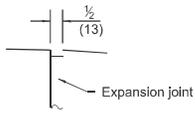
APPROVED January 1, 2025  
*Michael Wood*  
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2025  
*Scott Che*  
 ENGINEER OF DESIGN AND ENVIRONMENT

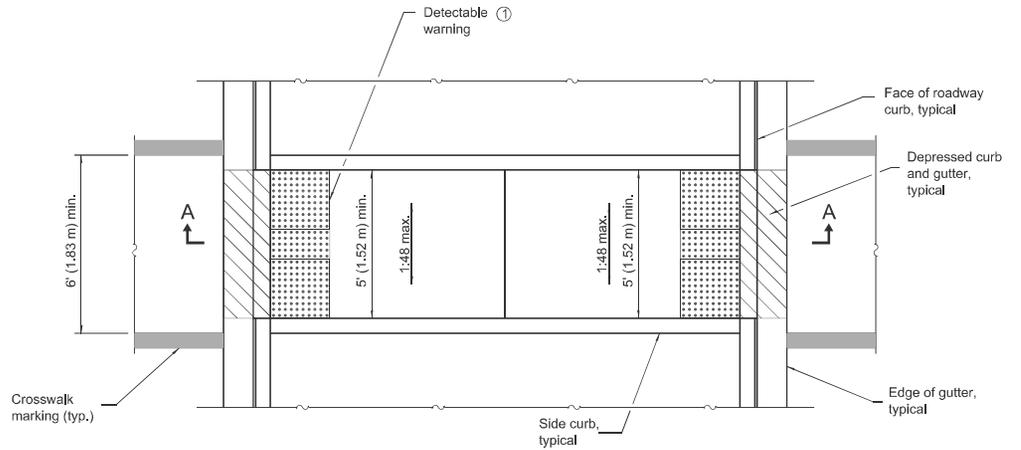
ISSUED 1-1-12



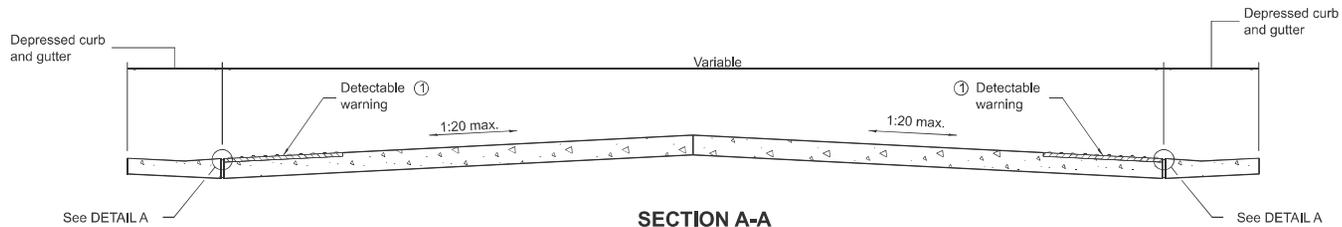
**SIDE CURB DETAIL**



**DETAIL A**



**MEDIAN PEDESTRIAN CROSSING**



**SECTION A-A**

① Omit detectable warnings when distance between back of curbs is less than 6' (1.83 m).

**GENERAL NOTES**

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

Where 1:48 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

**Side Border** - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

**Curb Set-Back** - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

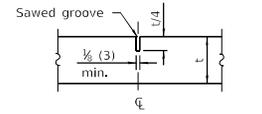
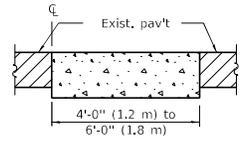
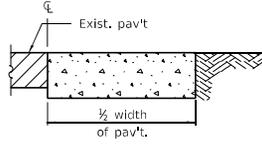
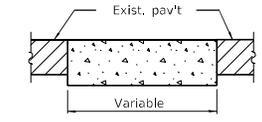
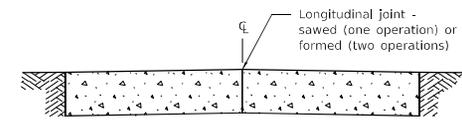
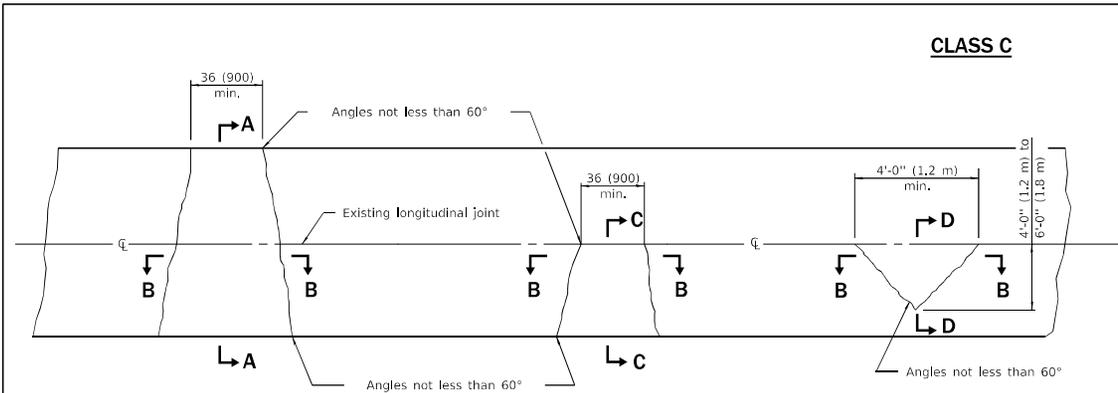
All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation	
APPROVED	January 1, 2025
ENGINEER OF POLICY AND PROCEDURES	
APPROVED	January 1, 2025
ENGINEER OF DESIGN AND ENVIRONMENT	
ISSUED	1-1-12

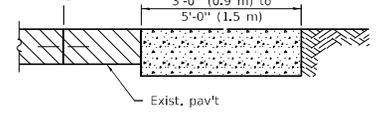
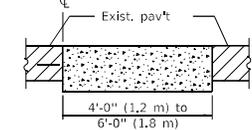
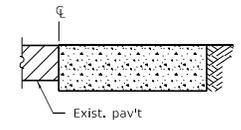
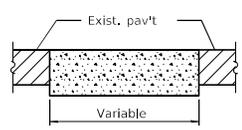
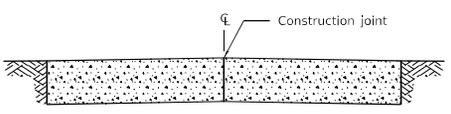
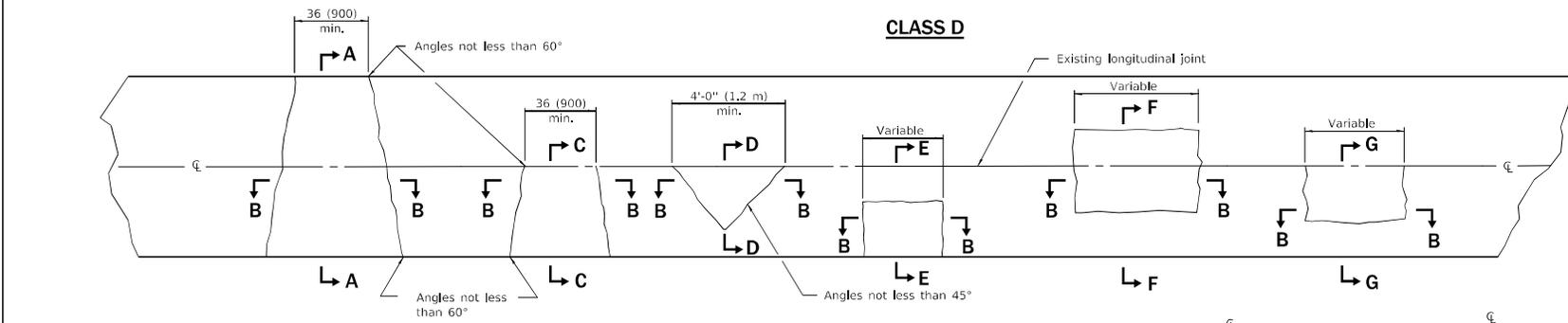
DATE	REVISIONS
1-1-25	Updated cross-slope.
1-1-19	Added placement tolerances for detectable warnings.

**MEDIAN PEDESTRIAN CROSSINGS**

**STANDARD 424031-03**



Note:  
Longitudinal joints shall be as detailed on Standard 420001, except tie bars are not required for patches 20'-0" (6.0 m) or less in length.



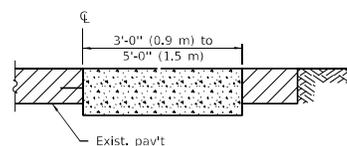
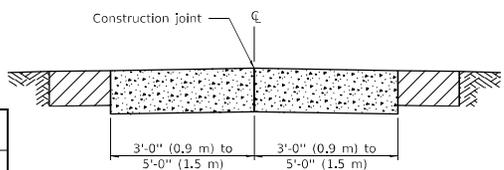
**SECTION A-A**  
(Built in two operations)

**SECTION B-B**

**SECTION C-C**

**SECTION D-D**

**SECTION E-E**



**SECTION F-F**  
(Built in two operations)

**SECTION G-G**

**GENERAL NOTES**  
Existing tie bars shall be either cut or removed. Marginal bars shall be cut.

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

DATE	REVISIONS
1-1-08	Switched units to English (metric).
1-1-07	Revised Note for Class C patches.

**CLASS C and D PATCHES**

**STANDARD 442201-03**

Illinois Department of Transportation

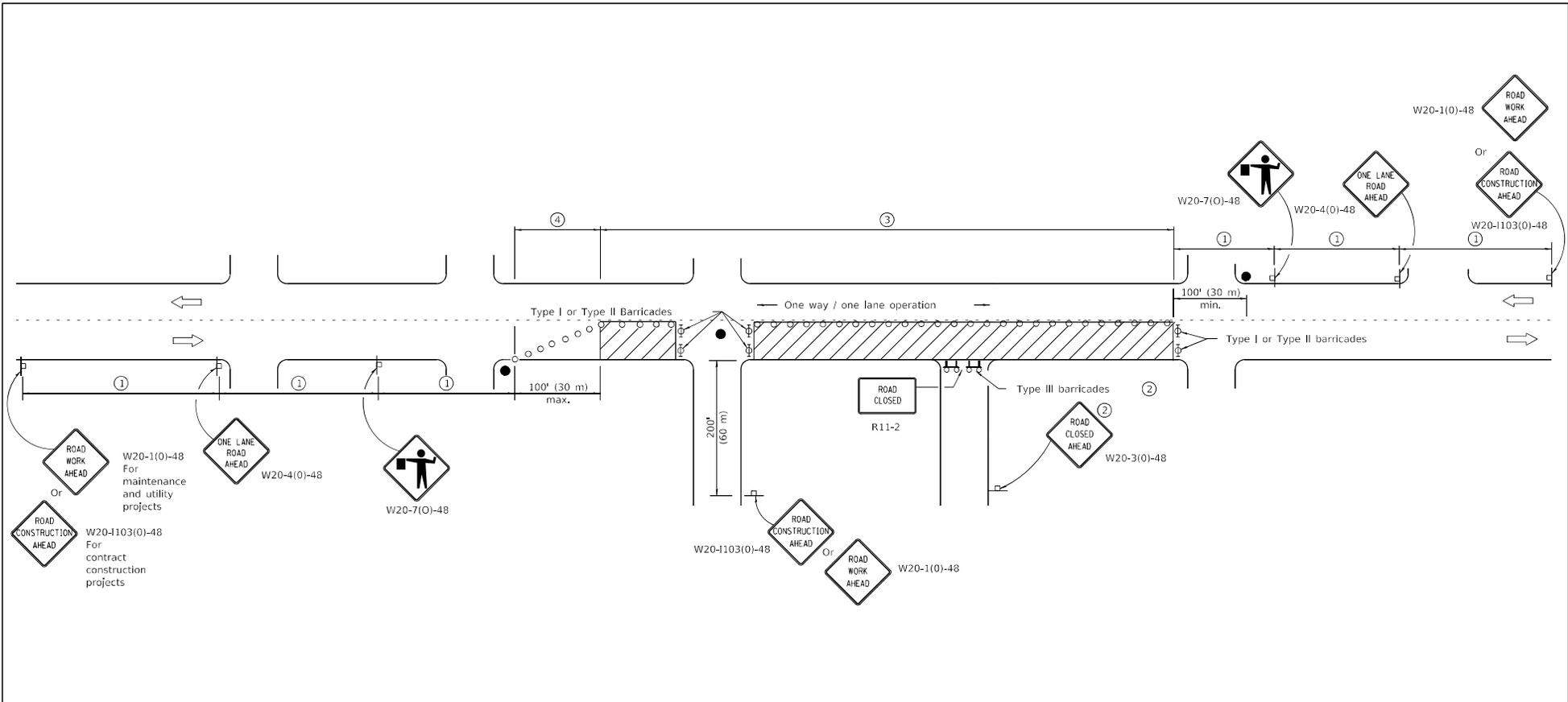
PASSED January 1, 2008

ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2008

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED CHANGED 1-1-07



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

**SYMBOLS**

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

- ① Refer to SIGN SPACING TABLE for distances.
- ② For approved side road closures.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Cones, drums or barricades at 20' (6 m) centers.

**GENERAL NOTES**

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

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

Illinois Department of Transportation

PASSED January 1, 2011  
 ENGINEER OF SAFETY ENGINEERING  
*[Signature]*

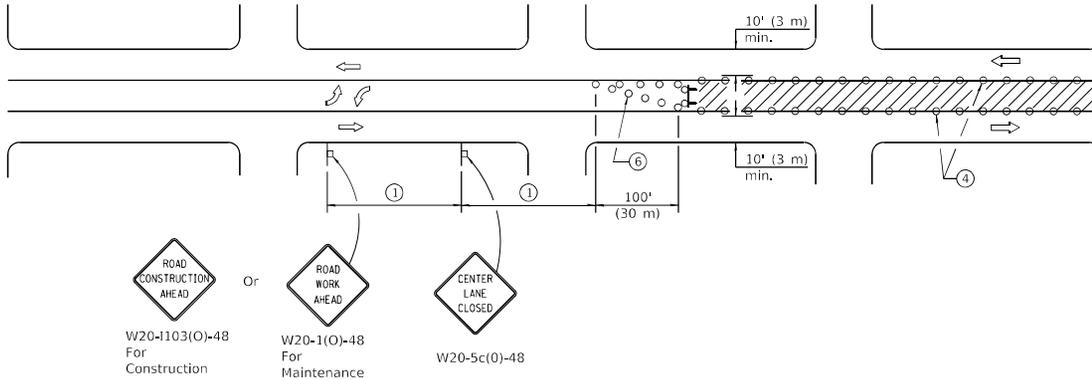
APPROVED January 1, 2011  
 ENGINEER OF DESIGN AND ENVIRONMENT  
*[Signature]*

ISSUED 1-1-11

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).
	Corrected sign No.'s.

**URBAN LANE CLOSURE,  
2L, 2W, UNDIVIDED**

**STANDARD 701501-06**



**CASE I**

(Signs required for both directions)

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

**SYMBOLS**

- Work area
- Barricade or drum with flashing light
- Flagger with traffic control sign
- Cone, drum or barricade
- Sign on portable or permanent support
- Type III barricade with flashing lights

- ① Refer to SIGN SPACING TABLE for distances.
- ② Required for speeds > 40 mph (70 km/h).
- ③ Required if work exceeds 500' (164 m) or 1 block.
- ④ Cones at 25' (8 m) centers for 250' (75 m) on approach. Additional cones may be placed at 50' (15 m) centers. When drums or type I or II barricades are used, the interval between devices may be doubled.
- ⑤ For approved sideroad closures.
- ⑥ Cones, drums or barricades at 20' (6 m) centers in taper.
- ⑦ Use flagger sign only when flagger is present.

**GENERAL NOTES**

This Standard is used to close one lane of an urban, two lane, two way roadway with a bidirectional turn lane.

Case I applies when no workers are present. When workers are present, two lanes shall be closed and traffic control shall be according to Standard 701501.

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
1-1-19	Revised to allow cones at night.
1-1-18	Corrected sign number for
	TWO WAY TRAFFIC sign for
	CASE II.

**URBAN LANE CLOSURE,  
2L, 2W, WITH BIDIRECTIONAL  
LEFT TURN LANE**  
(Sheet 1 of 2)

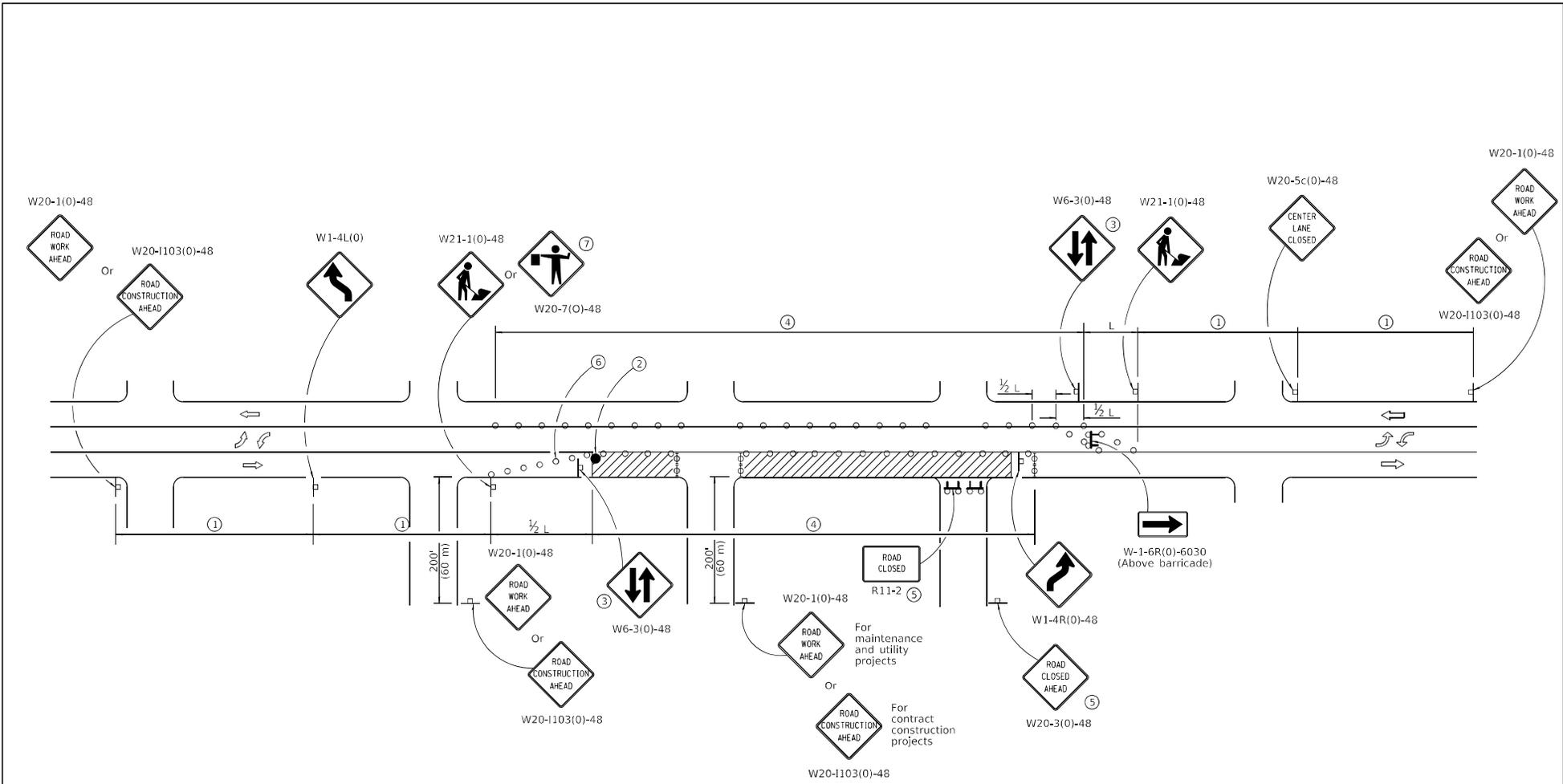
**STANDARD 701502-09**

Illinois Department of Transportation

APPROVED January 1, 2019  
  
 ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019  
  
 ENGINEER OF DESIGN AND ENVIRONMENT

10-11-18 CH/ISS



**CASE II**

Illinois Department of Transportation

APPROVED January 1, 2019  
*Cynthia A. [Signature]*  
 ENGINEER OF SAFETY PROG. AND ENGINEERING

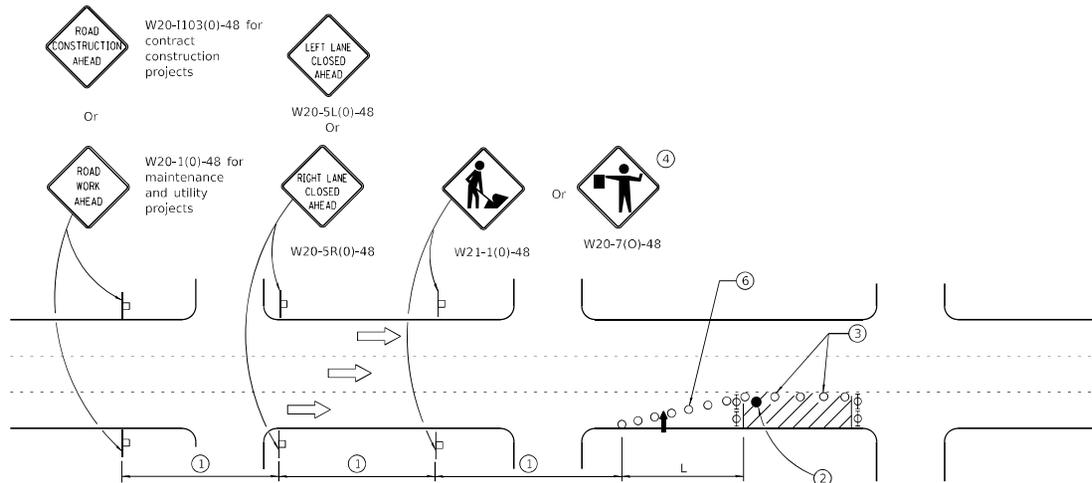
APPROVED January 1, 2019  
*[Signature]*  
 ENGINEER OF DESIGN AND ENVIRONMENT

TOP-PL. CHANGES

**URBAN LANE CLOSURE,  
 2L, 2W, WITH BIDIRECTIONAL  
 LEFT TURN LANE**

(Sheet 2 of 2)

**STANDARD 701502-09**



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

**SYMBOLS**

- Arrow board
- Cone, drum or barricade
- Sign on portable or permanent support
- Work area
- Barricade or drum with flashing light
- Type III barricade with flashing lights
- Flagger with traffic control sign.

- ① Refer to SIGN SPACING TABLE for distances.
- ② Required for speeds > 40 MPH
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Use **flagger sign only** when flagger is present.
- ⑤ For approved sideroad closures.
- ⑥ Cones, drums or barricades at 20' (6 m) in taper.

**GENERAL NOTES**

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement during shoulder operations or where construction requires lane closures in urban areas.

Calculate L as follows:

SPEED LIMIT	FORMULAS	
	English	(Metric)
40 mph (70 km/h) or less:	$L = \frac{WS^2}{60}$	$L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L = (W)(S)$	$L = 0.65(W)(S)$

W = Width of offset in feet (meters).  
 S = Normal posted speed mph (km/h).

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

Illinois Department of Transportation

PASSED January 1, 2014  
 ENGINEER OF SAFETY ENGINEERING

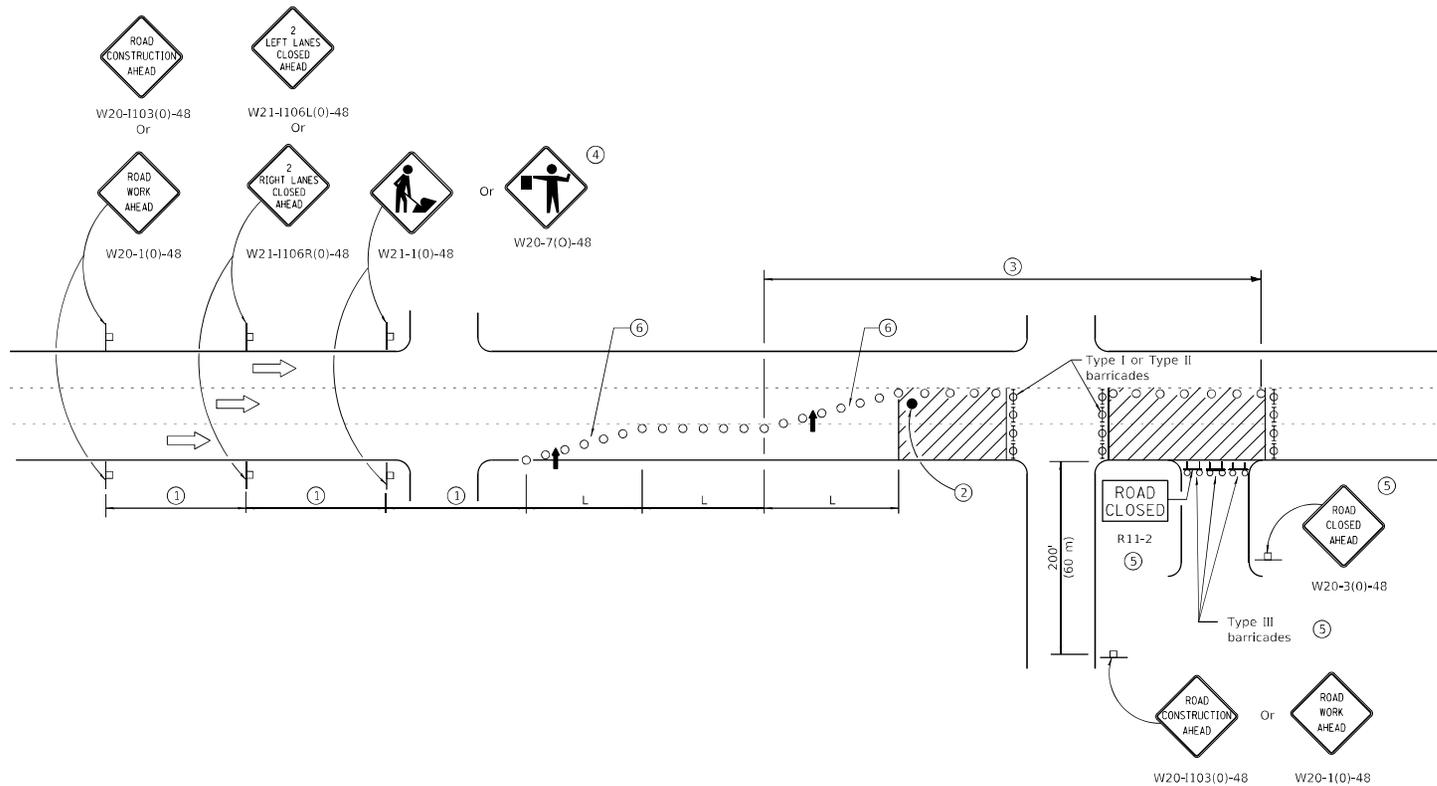
APPROVED January 1, 2014  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-14

DATE	REVISIONS
1-1-14	Revised workers sign number to agree with current MUTCD.
1-1-13	Omitted text 'WORKERS' sign.

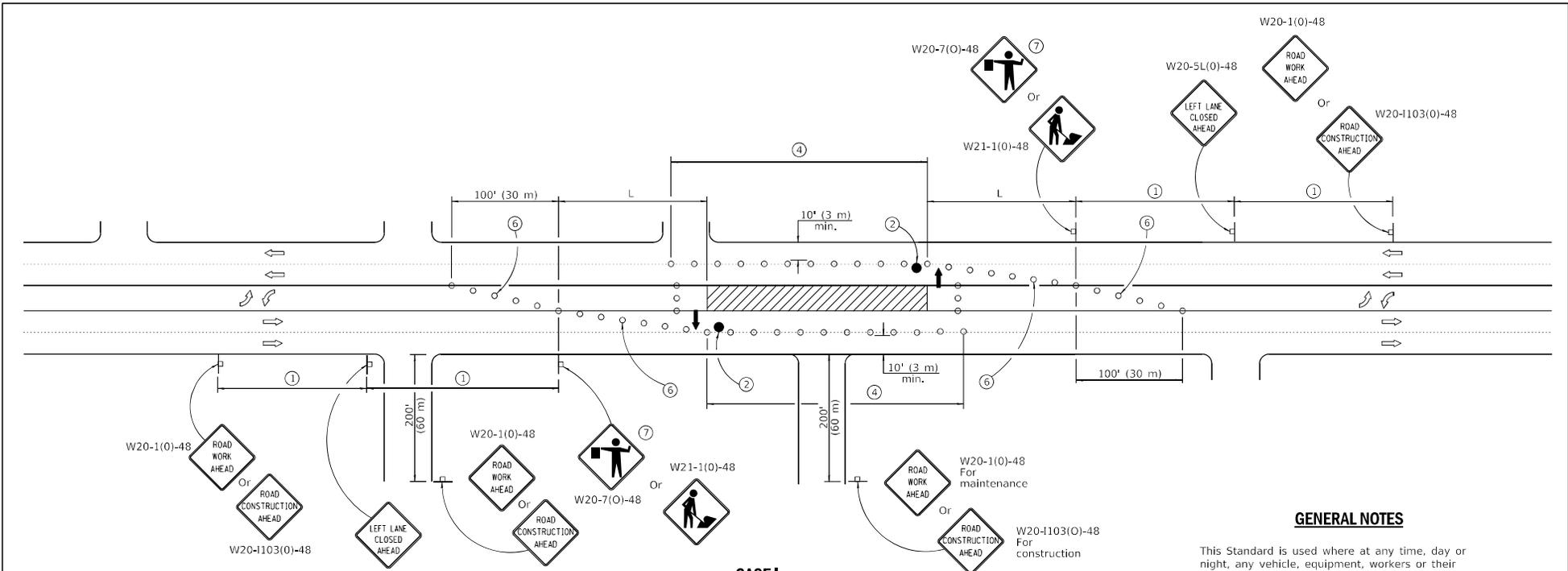
**URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN**  
 (Sheet 1 of 2)

**STANDARD 701601-09**



Illinois Department of Transportation	
PASSED <i>[Signature]</i> January 1, 2014 ENGINEER OF SAFETY ENGINEERING	ISSUED 1-1-14
APPROVED <i>[Signature]</i> January 1, 2014 ENGINEER OF DESIGN AND ENVIRONMENT	

<b>URBAN LANE CLOSURE,          MULTILANE, 1W OR 2W WITH          NONTRAVERSABLE MEDIAN</b> <small>(Sheet 2 of 2)</small>
<b>STANDARD 701601-09</b>



**GENERAL NOTES**

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an Urban area.

If the work operation is performed between 9:00 a.m. and 3:00 p.m. and does not exceed 15 min. Traffic protection shall be as shown for Standard 701426.

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.

**CASE I**

- ① Refer to SIGN SPACING TABLE for distances.
- ② Required for speeds > 40 mph (70 km/h).
- ③ Required if work exceeds 500' (164 m) or 1 block, repeat every 1 mile (1.6 km).
- ④ Cones at 25' (8 m) centers for 250' (75 m) on approach. Additional cones may be placed at 50' (15 m) centers. When drums or type I or II barricades are used, the interval between devices may be doubled.
- ⑤ For approved sideroad closures.
- ⑥ Cones, drums or barricades at 20' (6 m) centers in taper.
- ⑦ Use flagger sign only when flagger is present.

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

**SYMBOLS**

- Arrow board
- Work area
- Barricade or drum with steady burning monidirectional light
- Flagger with traffic control sign
- Cone, drum or barricade
- Sign on portable or permanent support
- Type III barricade with flashing lights

Illinois Department of Transportation

APPROVED January 1, 2019  
*Cynthia A. Ott*  
 ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019  
*Scott E. G...*  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

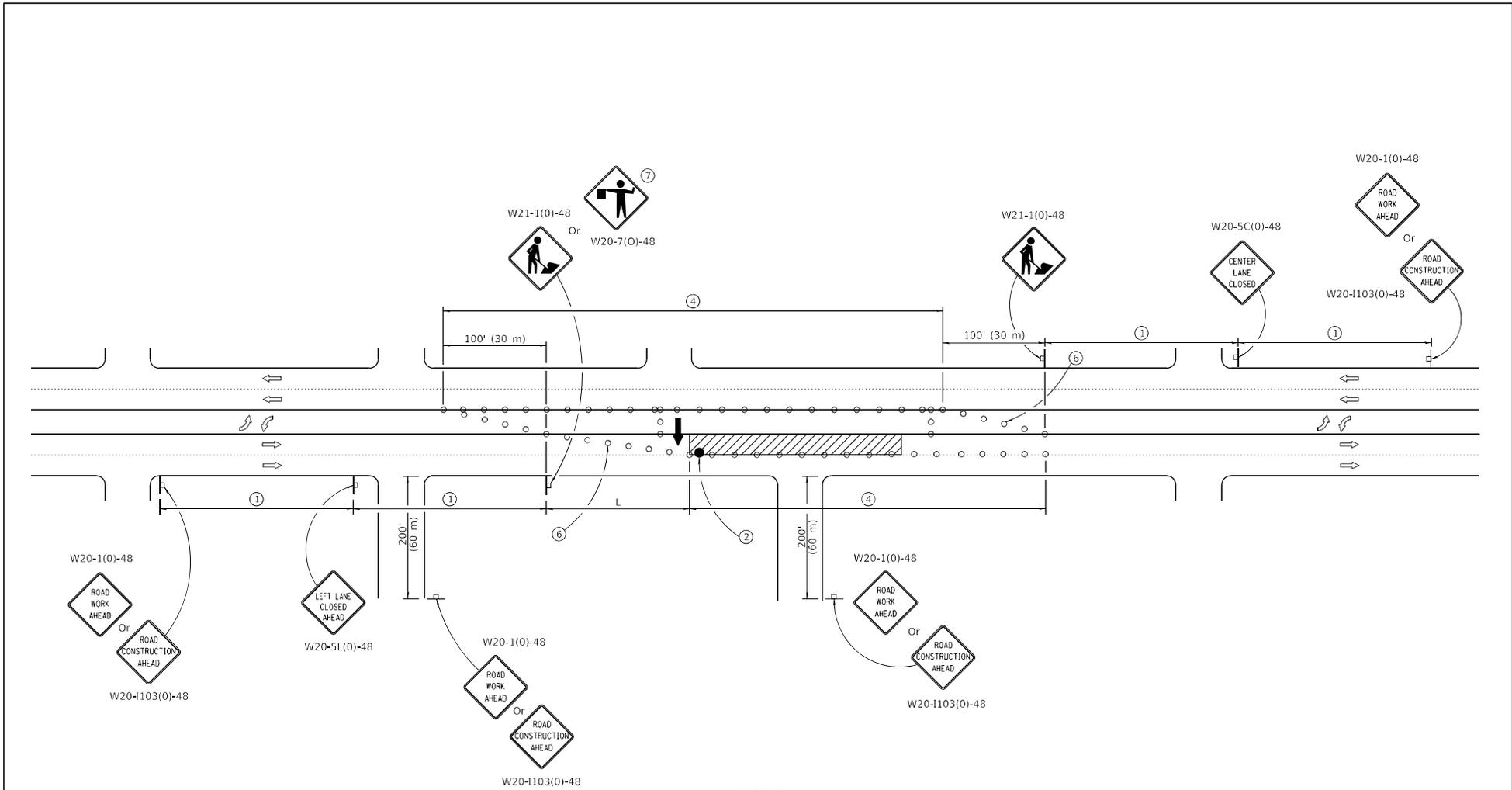
DATE	REVISIONS
1-1-19	Revised to allow cones at night.
1-1-18	Moved arrow boards into closed lanes for CASE I.

**URBAN LANE CLOSURE,  
 MULTILANE, 2W WITH  
 BIDIRECTIONAL LEFT TURN LANE**

(Sheet 1 of 4)

**STANDARD 701602-10**

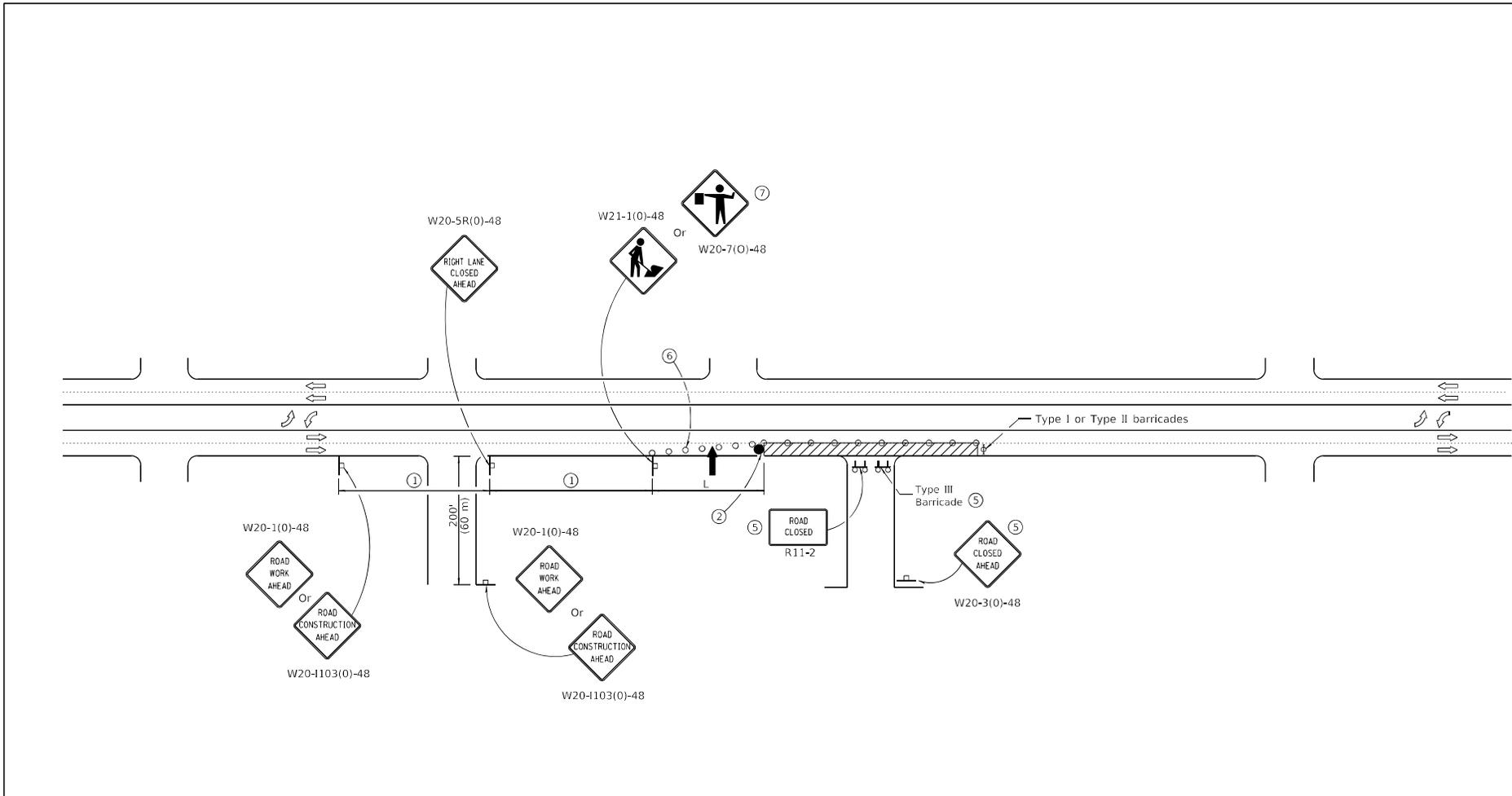




**CASE III**

Illinois Department of Transportation  
 APPROVED January 1, 2019  
 ENGINEER OF SAFETY PROG. AND ENGINEERING  
 APPROVED January 1, 2019  
 ENGINEER OF DESIGN AND ENVIRONMENT

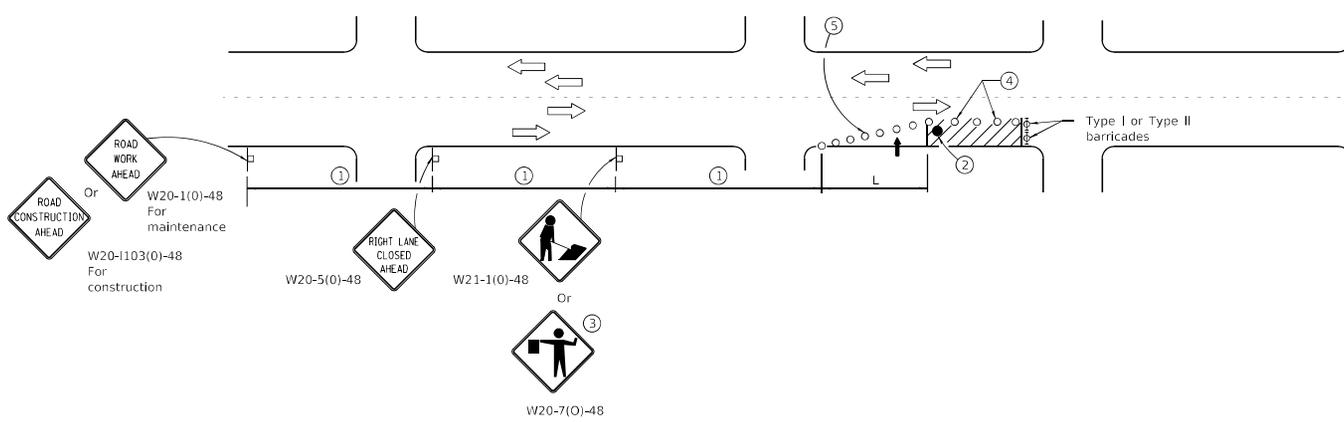
**URBAN LANE CLOSURE,  
 MULTILANE, 2W WITH  
 BIDIRECTIONAL LEFT TURN LANE**  
 (Sheet 3 of 4)  
**STANDARD 701602-10**



**CASE IV**

Illinois Department of Transportation	
APPROVED January 1, 2019  ENGINEER OF SAFETY PROG. AND ENGINEERING	ISSUED 1-1-13
APPROVED January 1, 2019  ENGINEER OF DESIGN AND ENVIRONMENT	

<b>URBAN LANE CLOSURE,          MULTILANE, 2W WITH          BIDIRECTIONAL LEFT TURN LANE</b> <small>(Sheet 4 of 4)</small>
<b>STANDARD 701602-10</b>



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

- SYMBOLS**
-  Arrow board
  -  Cone, drum or barricade
  -  Sign on portable or permanent support
  -  Work area
  -  Barricade or drum with flashing light
  -  Flagger with traffic control sign.

- ① Refer to SIGN SPACING TABLE for distances.
- ② Required for speeds > 40 mph.
- ③ Use flagger sign only when flagger is present.
- ④ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ⑤ Cones, drums or barricades at 20' (6 m) centers in taper.

**GENERAL NOTES**

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an Urban area.

Calculate L as follows:

SPEED LIMIT	FORMULAS	
	English	(Metric)
40 mph (70 km/h) or less:	$L = \frac{WS^2}{60}$	$L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L = (W)(S)$	$L = 0.65(W)(S)$

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

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

Illinois Department of Transportation

PASSED January 1, 2015  
 ENGINEER OF SAFETY ENGINEERING

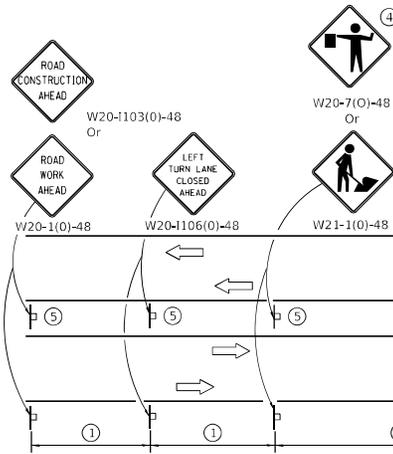
APPROVED January 1, 2015  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-17

DATE	REVISIONS
1-1-15	Renamed standard. Moved case on Sheet 2 to new Highway Standard.
1-1-14	Revised workers sign number to agree with current MUTCD.

**URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN**

**STANDARD 701606-10**



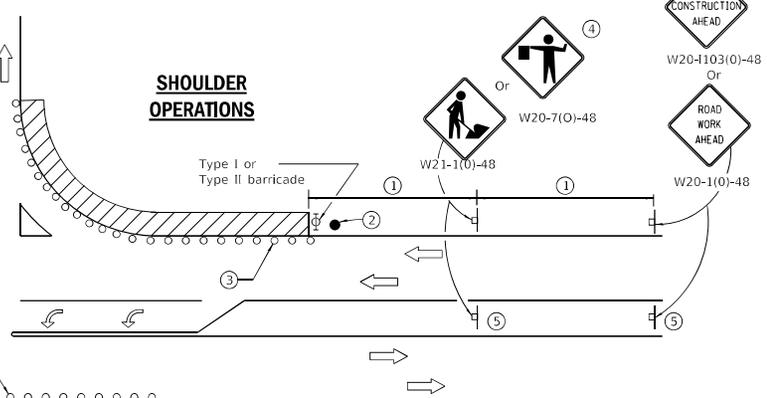
**LEFT TURN LANE OR CENTER  
MEDIAN OPERATIONS**

- ① Refer to SIGN SPACING TABLE for distance.
- ② Required for speed > 40 mph.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Use flagger sign only when flagger is present.
- ⑤ Omit this sign when median is less than 10' (3 m) or for bi-directional turn lanes.
- ⑥ Cones, drums or barricades at 20' (6 m) centers in taper.
- ⑦ Advanced arrow board required for speeds > 45 mph.
- ⑧ Three Type II barricades, drums or vertical barricades at 50' (15 m) centers.

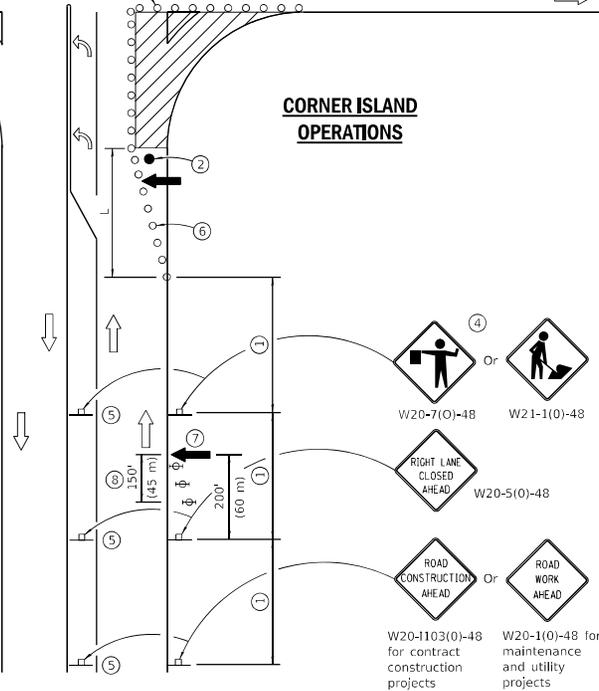
SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

**SYMBOLS**

- Work area
- Cone, drum or barricade
- Sign on portable or permanent support
- Arrow board
- Barricade or drum with flashing light
- Flagger with traffic control sign



**CORNER ISLAND  
OPERATIONS**



**GENERAL NOTES**

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement during shoulder operations or where construction requires lane closures in an urban area.

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
4-1-16	Corrected sign number for LEFT TURN LANE CLOSED AHEAD.
1-1-14	Added devices at arrow board upstream from taper. Rev. workers sign number.

**URBAN LANE CLOSURE,  
MULTILANE INTERSECTION**

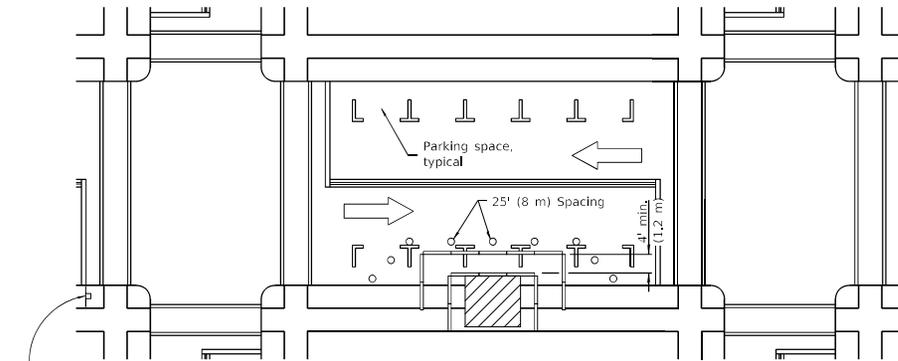
**STANDARD 701701-10**

Illinois Department of Transportation

PASSED April 3, 2016  
ENGINEER OF SAFETY ENGINEERING

APPROVED April 3, 2016  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUES: 1-4-44

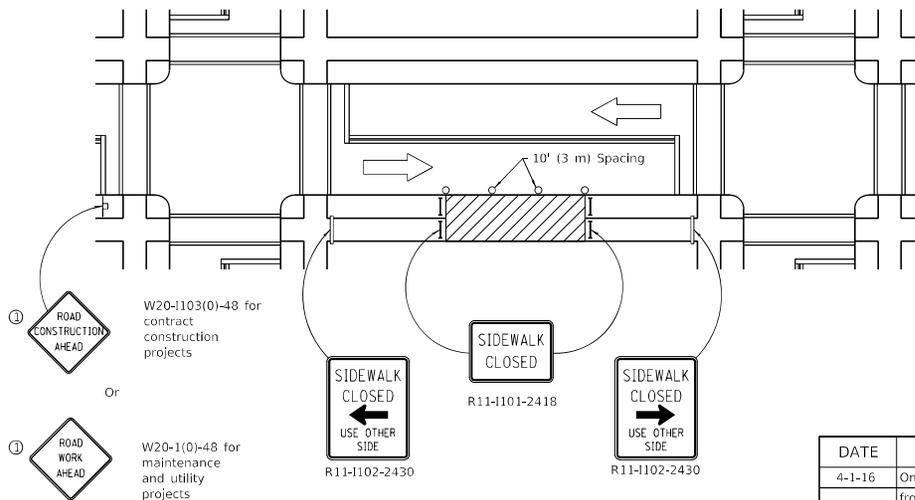


① ROAD CONSTRUCTION AHEAD  
W20-1103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD  
W20-1(0)-48 for maintenance and utility projects

**SIDEWALK DIVERSION**



① ROAD CONSTRUCTION AHEAD  
W20-1103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD  
W20-1(0)-48 for maintenance and utility projects

**SIDEWALK CLOSURE**

- SYMBOLS**
- Work area
  - Sign on portable or permanent support
  - Barricade or drum
  - Cone, drum or barricade
  - Type III barricade
  - Detectable pedestrian channelizing barricade

① Omit whenever duplicated by road work traffic control.

**GENERAL NOTES**

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

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

DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION. Modified appearance of plan views. Renamed Std.

**SIDEWALK, CORNER OR CROSSWALK CLOSURE**

(Sheet 1 of 2)

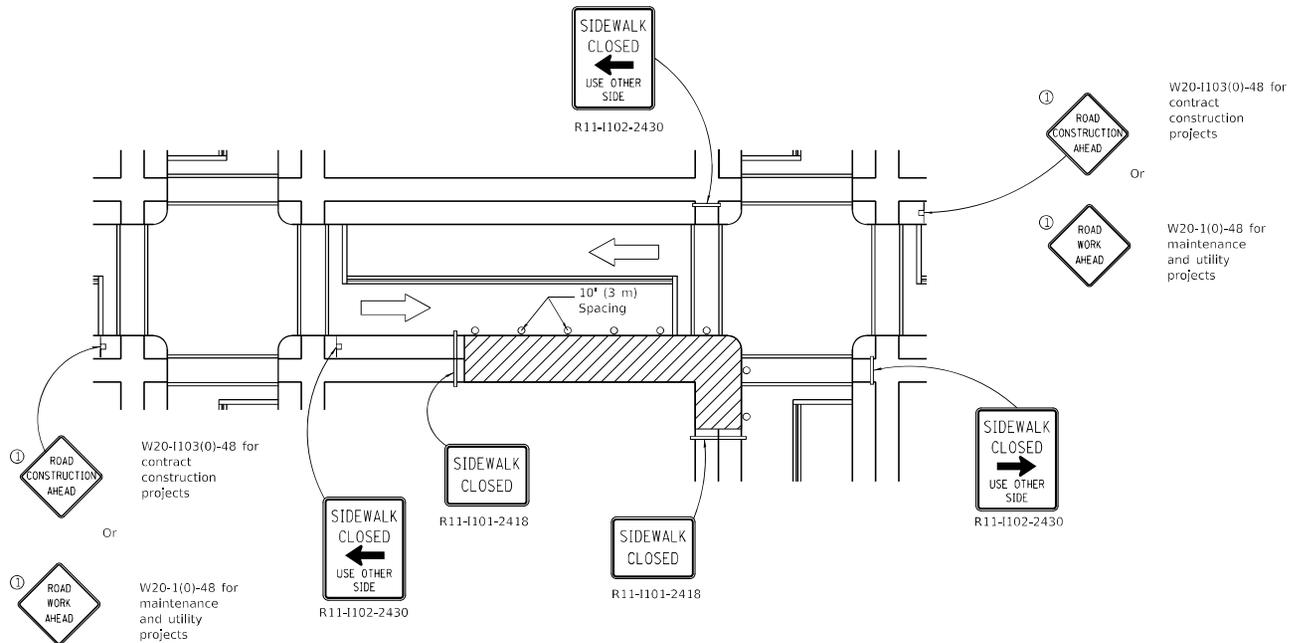
**STANDARD 701801-06**

Illinois Department of Transportation

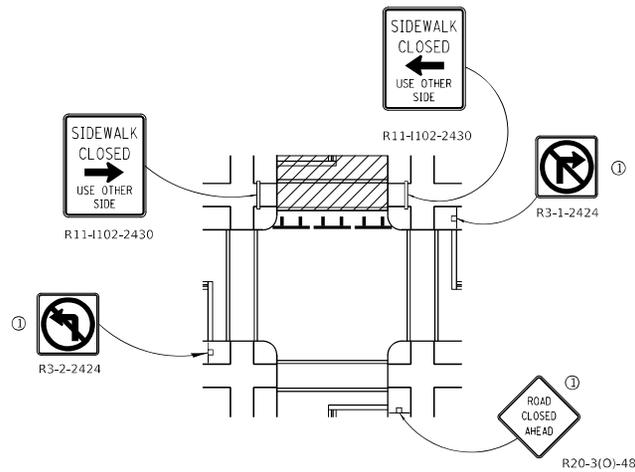
PASSED *[Signature]* April 1, 2016  
ENGINEER OF SAFETY ENGINEERING

APPROVED *[Signature]* April 1, 2016  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 7-1-14



**CORNER CLOSURE**



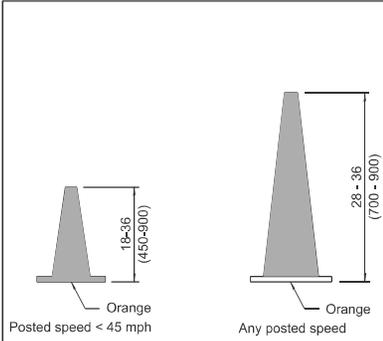
**CROSSWALK CLOSURE**

**SIDEWALK, CORNER OR CROSSWALK CLOSURE**

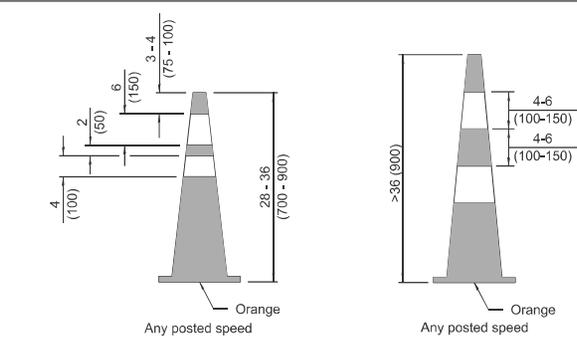
(Sheet 2 of 2)

**STANDARD 701801-06**

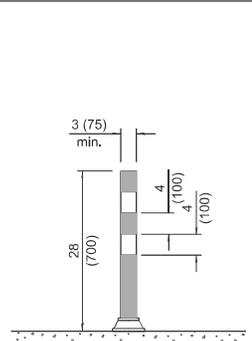
Illinois Department of Transportation	
PASSED	April 3, 2016
ENGINEER OF SAFETY ENGINEERING	
APPROVED	April 3, 2016
ENGINEER OF DESIGN AND ENVIRONMENT	



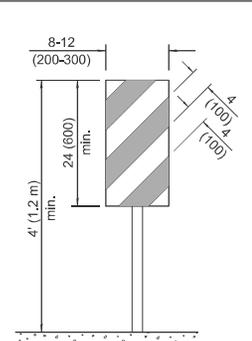
**DAYTIME USE**



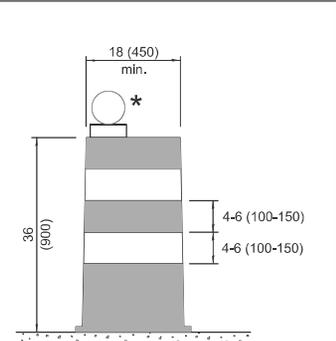
**DAY OR NIGHTTIME USE**



**TUBULAR MARKER**

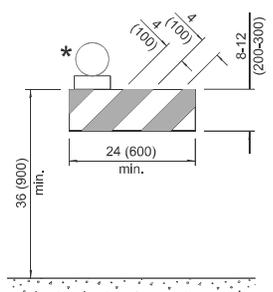


**VERTICAL PANEL  
POST MOUNTED**

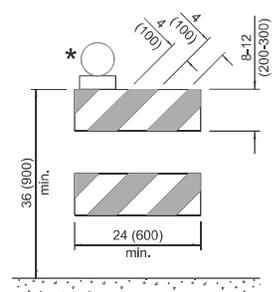


**DRUM**

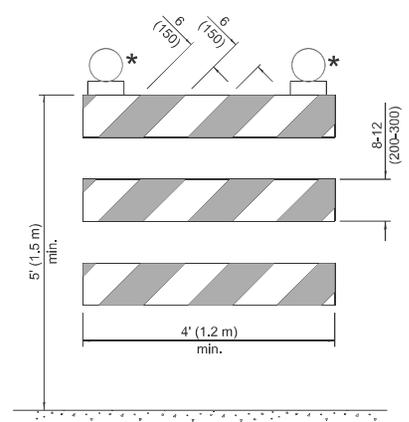
**CONES**



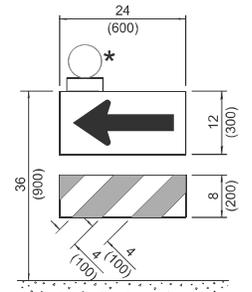
**TYPE I BARRICADE**



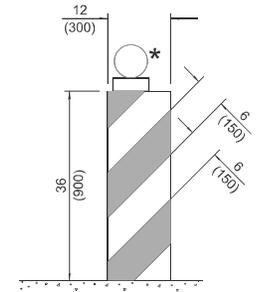
**TYPE II BARRICADE**



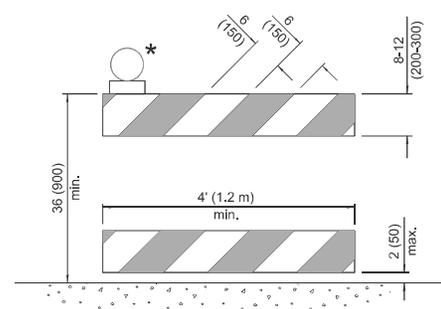
**TYPE III BARRICADE**



**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.

Illinois Department of Transportation

APPROVED January 1, 2025

ENGINEER OF SAFETY PROS. AND ENGINEERING

APPROVED January 1, 2025

ENGINEER OF DESIGN AND ENVIRONMENT

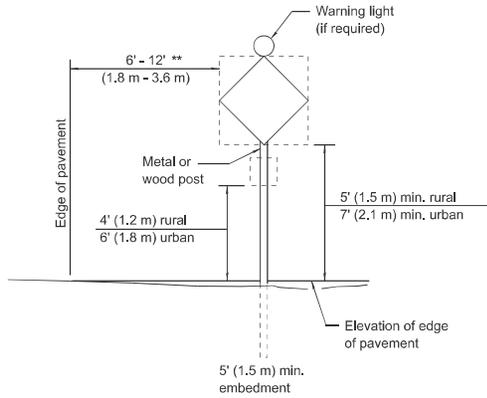
611-1-1 GEN/SIS

DATE	REVISIONS
1-1-25	Updated Temporary Rumble Strip Detail (sht. 3).
1-1-24	Revised Type III Barricade notes (sht. 3) & moved warning light on post mounted signs to top center.

**TRAFFIC CONTROL  
DEVICES**

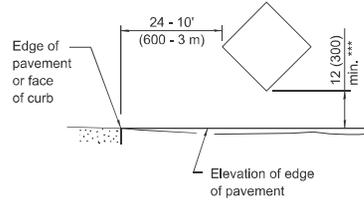
(Sheet 1 of 3)

**STANDARD 701901-10**



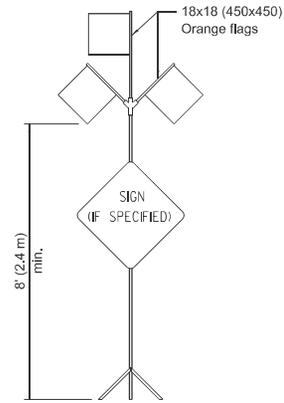
**POST MOUNTED SIGNS**

\*\* When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



**SIGNS ON TEMPORARY SUPPORTS**

\*\*\* When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



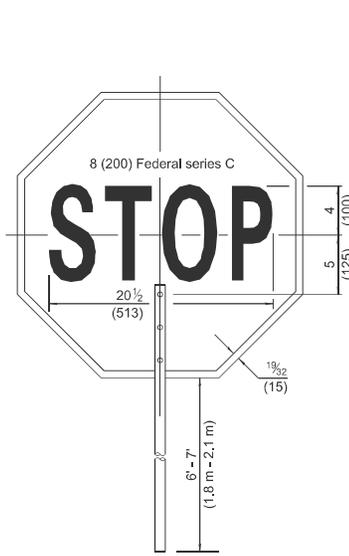
**HIGH LEVEL WARNING DEVICE**



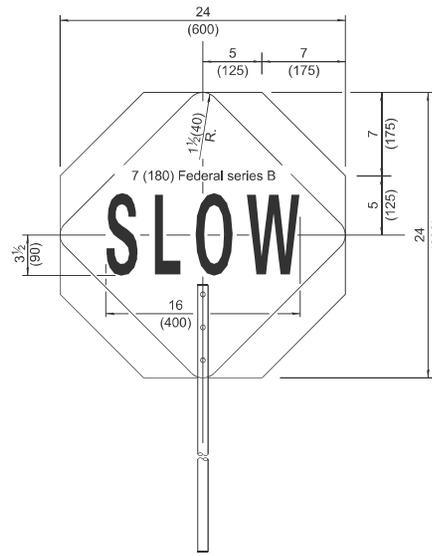
W12-1103-4848

**WIDTH RESTRICTION SIGN**

XX-XX" width and X miles are variable.



FRONT SIDE



REVERSE SIDE

**FLAGGER TRAFFIC CONTROL SIGN**

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**



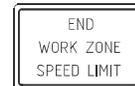
W21-1115(0)-3618

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 701901-10

Illinois Department of Transportation

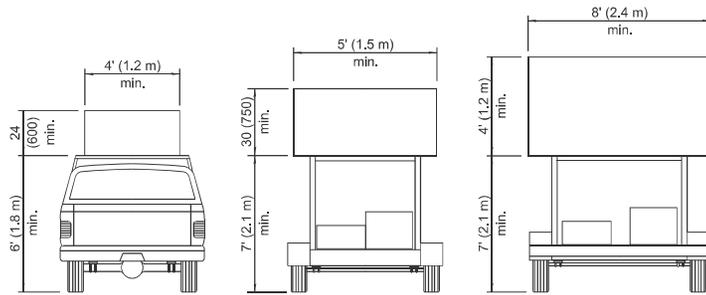
APPROVED January 1, 2025

ENGINEER OF SAFETY PROS. AND ENGINEERING

APPROVED January 1, 2025

ENGINEER OF DESIGN AND ENVIRONMENT

61-1-1 CEN51

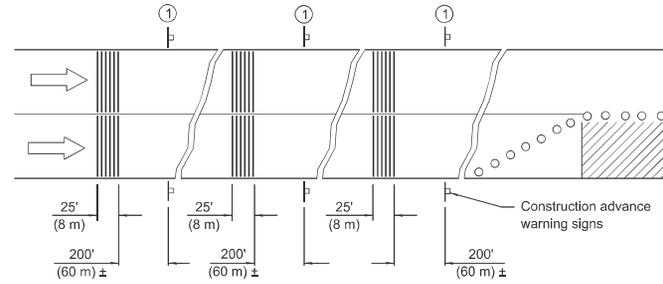


**TYPE A  
ROOF  
MOUNTED**

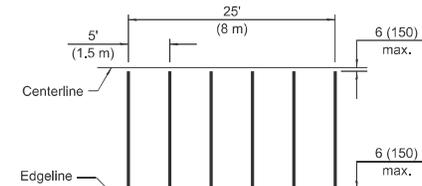
**TYPE B  
ROOF OR TRAILER  
MOUNTED**

**TYPE C  
TRAILER  
MOUNTED**

**ARROW BOARDS**

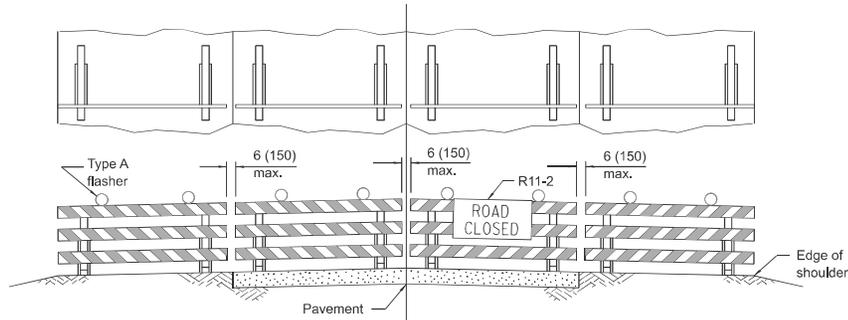


① This sign shall be omitted when median width is less than 10' (3 m).

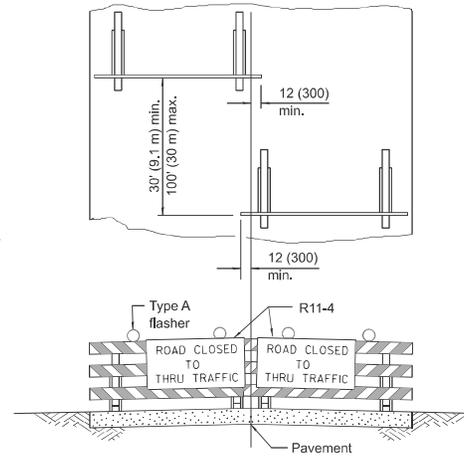


**TYPICAL INSTALLATION**

**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**

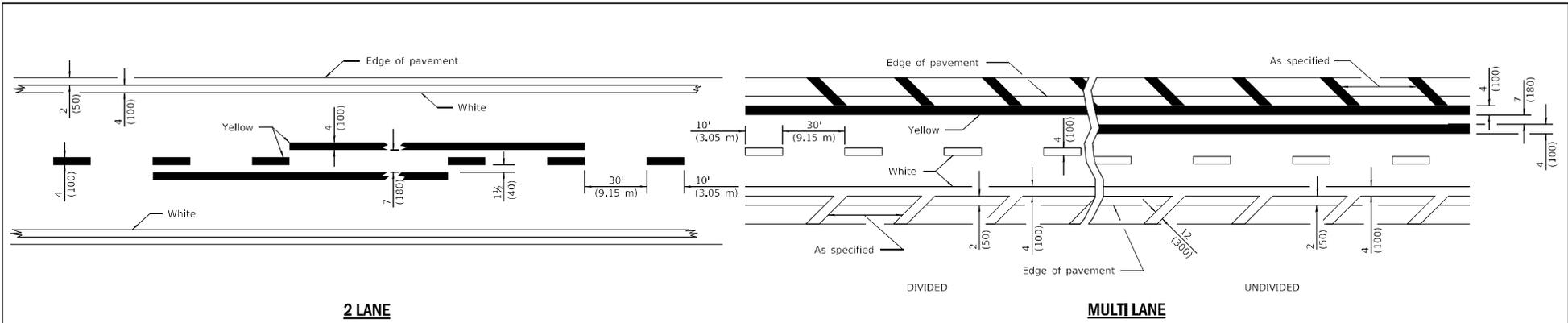
If a Type III barricade with an attached sign panel which meets NCHRP 350 or MASH is not available, the sign may be mounted on an NCHRP 350 or MASH temporary sign support directly in front of the barricade.

	APPROVED	January 1, 2025
	ENGINEER OF SAFETY PROS. AND ENGINEERING	<i>S. E. [Signature]</i>
	APPROVED	January 1, 2025
	ENGINEER OF DESIGN AND ENVIRONMENT	<i>J. [Signature]</i>

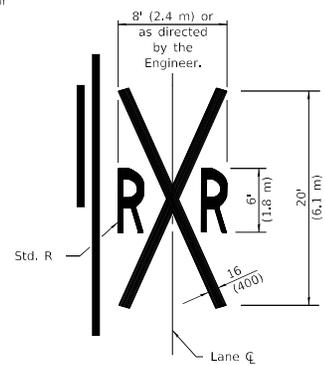
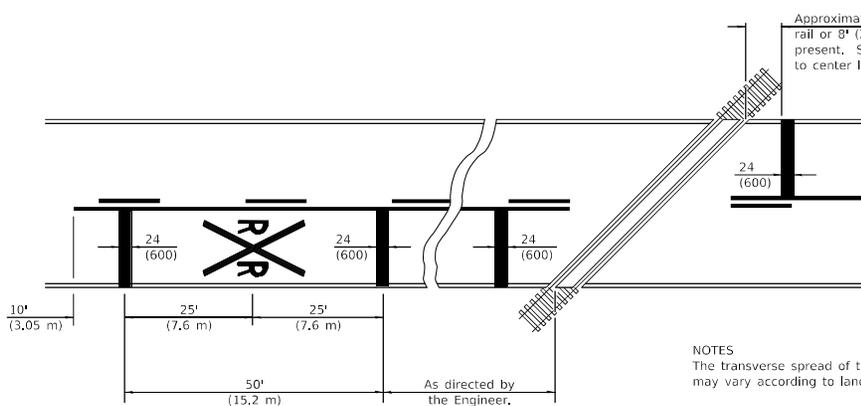
**TRAFFIC CONTROL  
DEVICES**

(Sheet 3 of 3)

**STANDARD 701901-10**



**LANE AND EDGE LINES**



**NOTES**

The transverse spread of the "X" may vary according to lane width.

On multi-lane roads, the stop lines shall extend across all approach lanes and separate R XR symbols shall be placed adjacent to each other in each lane.

When the pavement marking symbol is used, a portion of the symbol should be located directly adjacent to the Advance Warning Sign (W10-1) as placed by Table 2C-4, Condition B of the MUTCD.

**PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING**

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

Illinois Department of Transportation

PASSED January 1, 2015  
 ENGINEER OF OPERATIONS

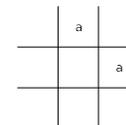
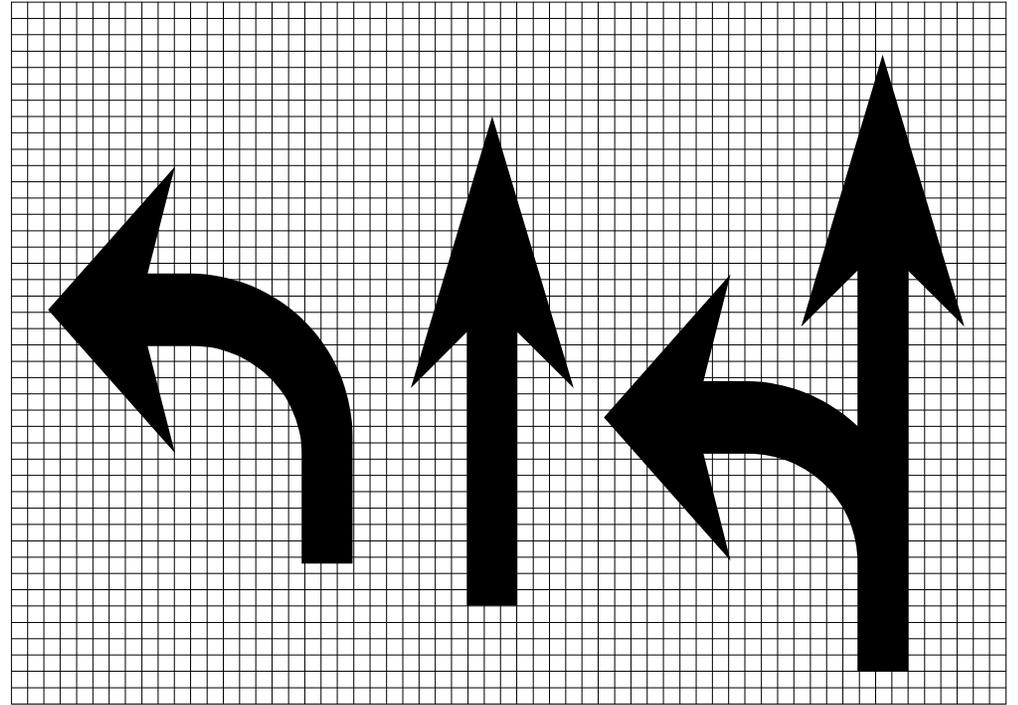
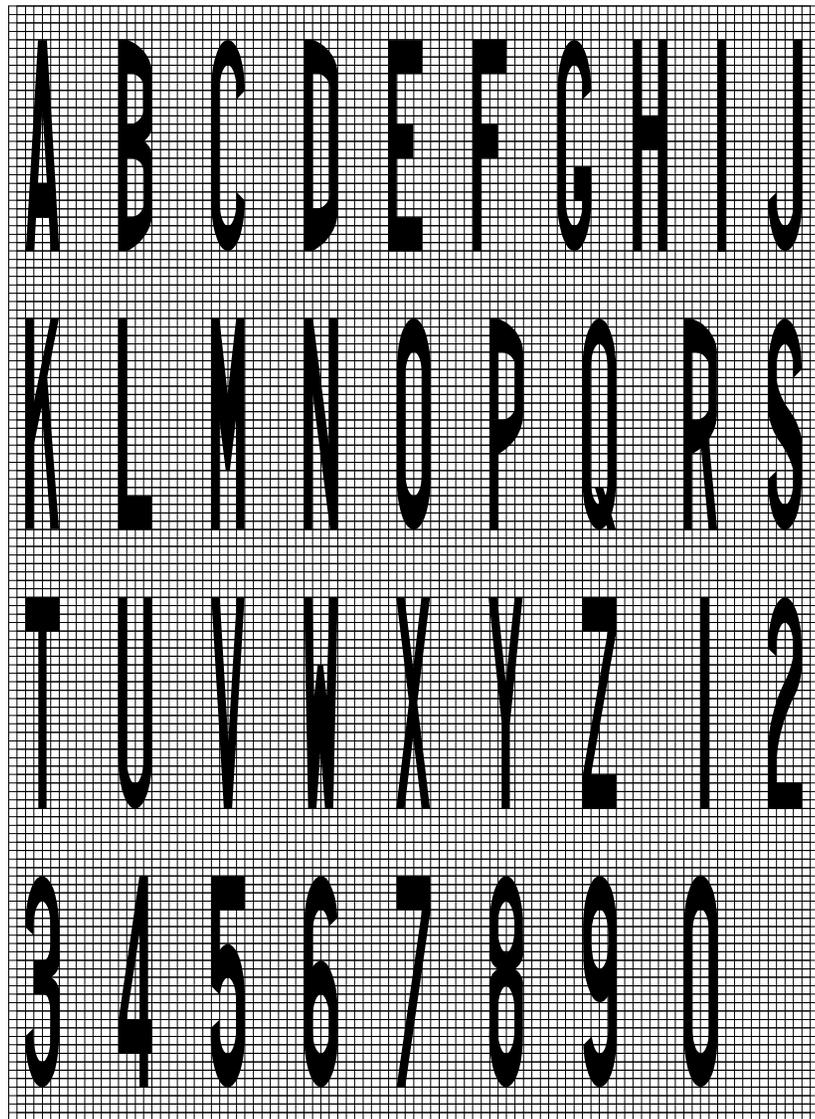
APPROVED January 1, 2015  
 ENGINEER OF DESIGN AND ENVIRONMENT

DATE	REVISIONS
1-1-15	Added symbols. Revised bike symbol. Revised note for stop line at RR crossing.
1-1-14	Added bike symbol. Renamed 'LANE DROP ARROW' detail to 'LANE-REDUCTION ARROW'.

**TYPICAL PAVEMENT MARKINGS**

(Sheet 1 of 3)

**STANDARD 780001-05**



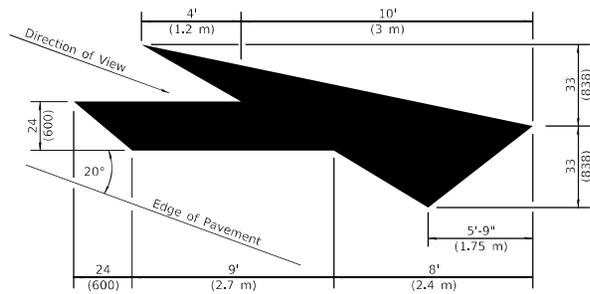
Legend Height	Arrow Size	a
6' (1.8 m)	Small	2.9 (74)
8' (2.4 m)	Large	3.8 (96)

The space between adjacent letters or numerals should be approximately 3 (75) for 6' (1.8 m) legend and 4 (100) for 8' (2.4 m) legend.

**LETTER AND ARROW GRID SCALE**

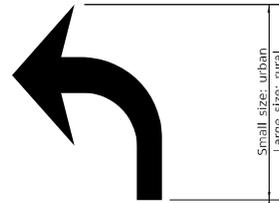
Illinois Department of Transportation	
PASSED	January 1, 2015
ENGINEER OF OPERATIONS	
APPROVED	January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT	
ISSUED 1-1-17	

<b>TYPICAL PAVEMENT MARKINGS</b> <small>(Sheet 2 of 3)</small>
<b>STANDARD 780001-05</b>



**LANE-REDUCTION ARROW**

Right lane-reduction arrow shown.  
Use mirror image for left lane.

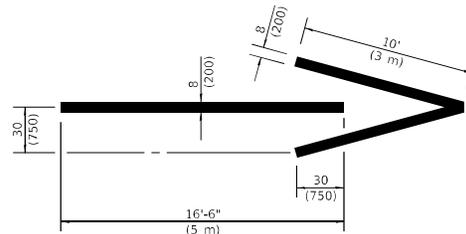


20' (6 m): urban  
50' (15 m): rural  
(Between arrow  
and word or  
between words)

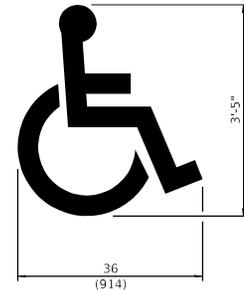
**ONLY**

6' (1.8 m): urban  
8' (2.4 m): rural

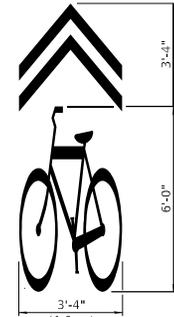
**WORD AND ARROW LAYOUT**



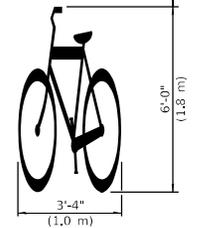
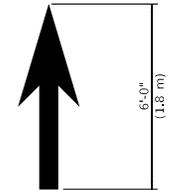
**WRONG WAY ARROW**



**INTERNATIONAL  
SYMBOL OF  
ACCESSIBILITY**



**SHARED LANE  
SYMBOL**



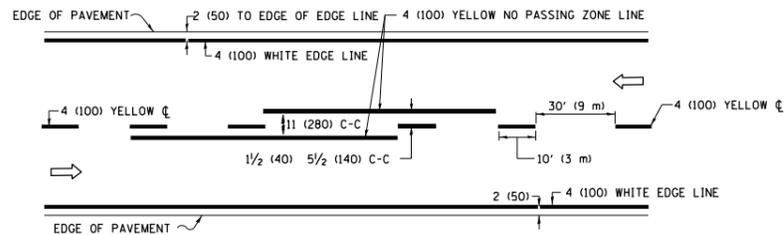
**BIKE SYMBOL**  
(Arrow is optional.)

Illinois Department of Transportation	
PASSED	January 1, 2015
ENGINEER OF OPERATIONS	
APPROVED	January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT	

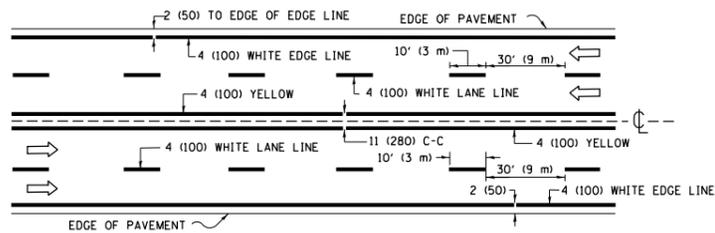
**TYPICAL PAVEMENT  
MARKINGS**

(Sheet 3 of 3)

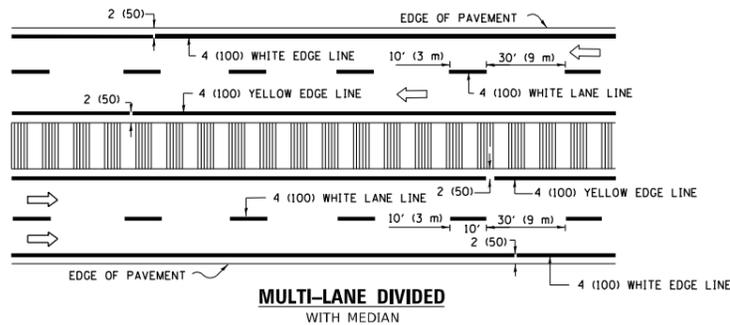
**STANDARD 780001-05**



**2-LANE ROADWAY**

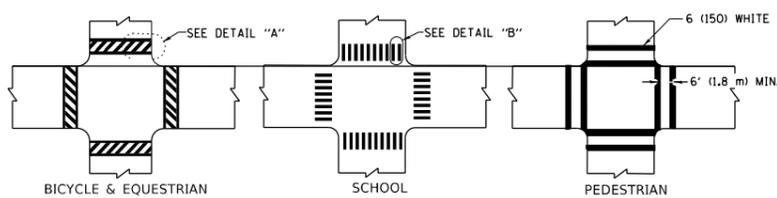


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

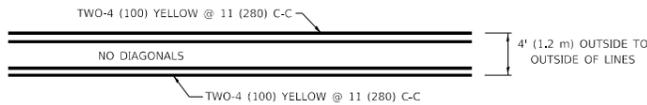


**DETAIL "A"**

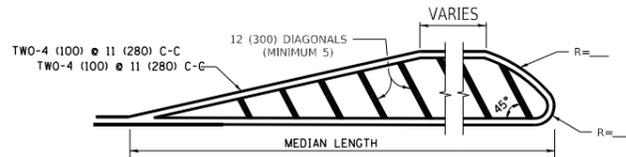
**DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

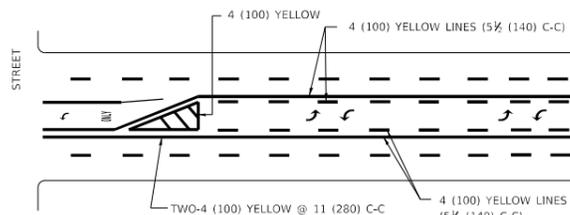


**4' (1.2 m) WIDE MEDIANS ONLY**



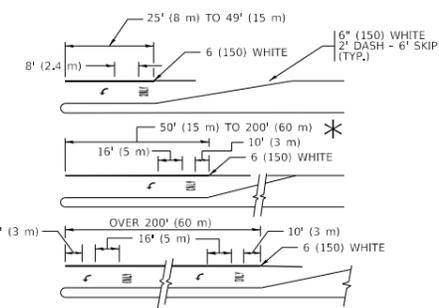
**MEDIANS OVER 4' (1.2 m) WIDE**

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

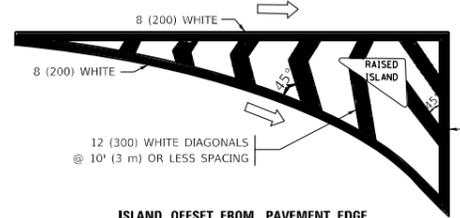
**MEDIAN WITH TWO-WAY LEFT TURN LANE**  
**TYPICAL PAINTED MEDIAN MARKING**



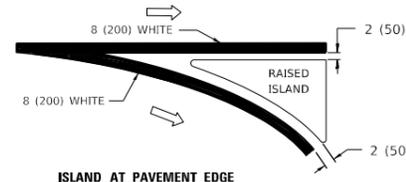
**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

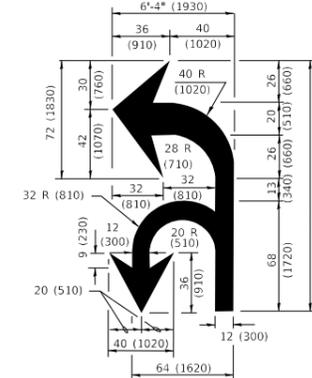


**ISLAND OFFSET FROM PAVEMENT EDGE**

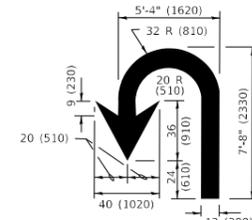


**ISLAND AT PAVEMENT EDGE**

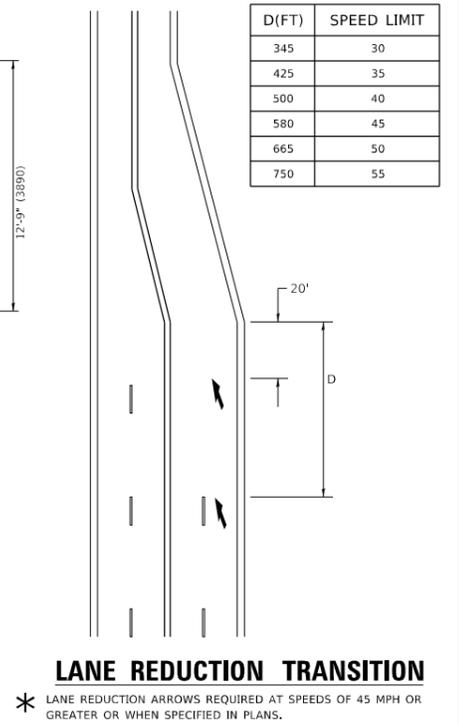
**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**



**LANE REDUCTION TRANSITION**

\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" 15 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "RR"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

MODEL: Default  
FILE NAME: c:\u\llob-ED\DIR\TEG\Illinois.pvd\pvd\DOT\Documents\DOT - Offices\District 1\Projects\Dist5022x31\CADData\CAD\Sheet\13.dgn

USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	CHECKED -	REVISED - C. JUCIUS 12-21-15
	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT ONE</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>TYPICAL PAVEMENT MARKINGS</b>		<b>TC-13</b>		CONTRACT NO.		
SCALE: NONE	SHEET 1 OF 2 SHEETS	STA.	TO STA.			

ILLINOIS FED. AID PROJECT

## 2025 CITY WIDE PATCH LIST

STREET	LOCATION		ESTIMATED SQ YD	CLASS D PATCHES (SPECIAL), 3 INCH	Ward
				PAY ITEM #6	#
Felten Rd	Orchid	Reckinger Rd	100	10x15,10x15,10x15, 10x15,10x15,10x15	1
Havenshire Rd	Indian Trail	Heathrow Ln	65	10x20,7x10,7x10,7x15,7x20	1
Farnsworth	Molitor	I-88 Tollway / Eastbound On-Ramp	229	20x25,8x35,8x40,8x25,12x40,8x35	1
Church Rd	@ Squire Dr		18	7x20	1
Spring St	Broadway	East	293	10x50,7x10,12x30, 5x20,7x15,5x10,12x40,12x30,5x15,7 x15,7x15,7x30x8x15	2
Galena	Lake St	Smith St			2
New York St	Broadway	Smith St			2
Jackson Pl	Galena	Downer	18	8x20	2
Pointe Bl	McDowell	Hammel	33	10x15,10x15	3
Simms	Spencer	Bangs	120	12x30, 12x30(6")	3
Jackson St	Melrose	Ashland	107	7x35,7x25,10x30,8x30	3
5th Av	Jackson St	5th St	122	8x30,7x25,8x30,8x15, 8x20,8x20	3
Watson St	7th	North Av	94	5x15,7x25,12x30, 12x20	3
7th Av	Gates	Talma	239	7x15,6x20,7x20,6x20, 6x15,8x20,12x35,5x30,9x25,10x30,7 x20,7x15,5x15	3
Alley Entrance	West of 416 Park Av (North of Parker between 4th and Pearl)		19	11x15	3
Spruce	Fordham	Grand	347	12x30,12x30,7x20, 5x20,7x20,7x15,8x20, 9x15,7x10,7x20,7x15, 8x25,12x35,12x25, 7x40,7x15	4
Howard	Plum	Illinois	67	7x20,5x15,7x10,6x35, 7x15	4
Harrison	Galena	Hoyt	81	8x30,12x30,7x10,7x20	4
Kensington	Rosedale	Westlawn	124	7x50,6x30,7x40,7x30 ,4x25	4
Galena	Fordham	Edgelawn	97	10x30,7x30,12x30	4
Evanslawn	Galena	Prairie St	127	7x30,7x10,7x30,7x15, 7x15,7x20,7x15,10x20,7x15	4
Rosedale	Illinois	Galena	326	7x30,7x20,7x30,7x40, 7x15,7x10,3x20,10x10,8x35,6x10,12 x20,5x40,6x15,10x30,8x30, 10x35	5
Cambridge	Downer	Manchester Way	192	7x50,12x40,7x30, 10x20,7x40,7x30	5
Plum St	N. Lancaster	Redwood Dr	364	7x20,7x15,7x25,12x25,10x20,10x25, 7x50, 8x25,7x15,7x20,8x15, 10x20,7x20,5x40,6x30,5x30,5x25,5x 40	5
Sans Souci	Tanglewood	West End	164	7x30,7x50,7x30,10x25,10x25,7x10,7 x20	5
Wyckwood Dr	Tanglewood	Berwick Dr	132	7x50,7x40,7x50,7x30	5
Carriage Hill Ln	Coach & Surrey Ln	Heritage Dr	122	10x50,10x30,10x30	5
Western	Southlawn	Prairie	33	10x30	5
Western	Galena	Westgate	108	12x30,12x30,10x25	5
Westgate	Illinois	South Hampton Dr	127	7x10,10x15,7x20,7x15,10x20,8x60	5
Evanslawn	Plum	Heather Dr	119	12x30,7x20,7x25,7x20,4x20,12x15	5
Wilder	Sunset	Lawndale	33	15x20	6
Blackhawk	West Park Av	Plum	16	7x20	6
Old Indian Trail	Lake St	Highland Av	112	7x30,10x20,7x25,7x30,7x10,7x20	6
New Haven	Gillette	Highland Av	19	7x25	6
Russell Av	Cedardale	Beau Ridge Dr	379	7x30(6"),7x30,7x50, 7x25,7x20,7x35,7x60, 7x20,10x20,10x30, 10x40,7x30,10x20	6
West Park Av	Wilder St	Highland Av	81	8x25,10x20,6x25,6x30	6
Plum St	Oak	Pennsylvania	62	7x20,7x25,8x30	6
Manor Pl	Palace	Highland Av	84	7x50,7x20,8x20,7x15	6

## 2025 CITY WIDE PATCH LIST

STREET	LOCATION		ESTIMATED SQ YD	CLASS D PATCHES (SPECIAL), 3 INCH	Ward
				PAY ITEM #6	#
Hammond	Florida	Old Indian Trail	187	7x20,7x15,7x15,7x20, 7x20,7x25,7x20,7x15, 7x30,7x20,7x10,7x15, 7x15	6
North Park	Highland	Palace	173	7x10,4x25,5x20,7x15,7x20,7x20,7x20, 0,10x20,7x20,7x40,7x20	6
Lakelawn	Palace	Highland Av	146	7x50,12x30,12x30, 7x25,7x10	6
Iowa	Plum	New Haven	71	10x20,7x20,8x20,7x20	6
Iowa	Lakelawn	Old Indian Trail	51	13x35	6
Palace St	@ 916 Palace Driveway		54	6x40(6")	6
Walcott Rd	Montgomery Rd	Waterford	22	8x25	7
Crescent Ln S / Crescent Ln N	Cumberland	Cumberland	59	6x30,6x25,10x20	7
Asbury	Liberty	Brooklyn Dr	78	14x50	7
Montgomery Rd	Kautz	Waterford	277	7x35,7x25,12x30,7x15,7x15,12x50,1 2x30 ,5x20,6x20,6x20	7
Long Grove Dr	Ogden Av	Dover Ln	139	8x35, 7x30, 7x20, 7x25, 10x25, 10x20	8
Commons	75th St	Schmidgall Bl	78	12x30,10x20,7x20	8
Montgomery Rd	Frontenac	Middlebury Dr	320	7x20,7x20,8x40,7x40, 12x30,8x30,8x15, 10x30,7x45,7x30, 13x35	8
Westbrook Dr	Healthway Dr	Rt. 59	331	12x30,7x20,7x15, 10x10,14x50,14x30, 15x35,12x35,7x30	8
Squaw Valley Trail	Smithfield Ln	Stuart Kaplan Dr	62	7x20, 7x20, 7x15, 7x25	9
Eola Rd	Wolfs Crossing Dr	Del Webb Bl	164	8x50, 8x50, 8x20, 8x35, 8x30	9
Hillsbor Bl	Middlebury	Georgetown Cr	97	7x15, 7x30, 6x10, 6x30, 7x25, 7x20	9
Echo Ln	Frontenac	Frontenac	110	7x10, 10x20,7x20, 7x15, 8x15, 7x25, 4x10, 7x20	9
Grayhawk Dr	Hafenrichter	Middlebury Dr	250	7x15,8x30,6x30,10x60,7x15,7x20,16 x20, 10x30,6x20,7x20	9
Daylight Dr	Eola	Daybreak Dr	68	10x25,7x15,6x25,7x15	9
Daybreak Dr	Sunrise Cr	Barrington Dr W	177	14x20,14x10,14x20, 14x20,14x15,5x10, 14x15,7x20	9
Cushing Ln	Lambert Dr	Lundquist	278	14x20,13x25,14x25, 8x15,7x20,8x20,7x15, 15x25,10x20,10x15, 7x25,8x15	9
Lahinch Dr	Shenandoah	Lindgren Trl	17	5x20,5x10	9
Buckland Dr	Antietam	Lundquist	47	20x7,14x20	9
Halsted Ln	Ellington Dr	Savoy Ct	90	8x10,10x15,10x20, 5x10,5x10,14x20	9
Peachtree Cr	Oakhill Dr	Oakhill Dr	112	10x30,5x10,10x15, 5x15,14x10,14x10, 5x15, 5x15	10
Wilton Ln	Biliter Rd	Biliter Rd	38	7x15,8x30	10
Gatewood Ln	Princeton	Sparrow Ct	17	5x20,5x10	10
Oakhill Dr	Peachtree Cr	Indian Trail	33	10x30	10
Biliter Rd	DuPage Parkway	Eola	486	12x20,15x25,10x30,14x25,12x30, 8x35, 8x40,10x20,10x20, 14x20,8x25,14x25, 12x35,12x15,8x40	10
Contingency and other locations			1,000		
<b>TOTAL - CLASS D PATCHES</b>			<b>9,805</b>		

**NOTES:**

- LIST MAY BE SUBJECT TO CHANGE. IF ANY CHANGES ARE MADE, A NEW LIST WILL BE GIVEN TO THE CONTRACTOR BEFORE THE PRE-CON.
- ALL QUANTITIES ARE ESTIMATED AND PAYMENT WILL BE MADE FOR ACTUAL MEASURED WORK COMPLETED.
- WORK COMPLETED OUTSIDE THE ENGINEER'S PRE-MEASURED FIELD MARKINGS / QUANTITIES WILL NOT BE MEASURED FOR PAYMENT, UNLESS THE CONTRACTOR CONTACTS THE ENGINEER FOR PRE-APPROVAL BEFORE THE WORK BEGINS.

## 2025 CITY WIDE CRACK SEALING LIST

#	STREET	FROM	TO	STREET LENGTH	CRACK ROUTING (FT)	CRACK FILLING (LB)	Completion Date & Final Quantity
					PAY ITEM 33	PAY ITEM 34	
1	Farnsworth	New York	Dearborn	4,240	21,200	12,800	
2	Eola	Shiloh	Wolfs Crossing	3,445	17,225	10,400	
3	Hafenrichter	Eola	Congrove	2,760	8,280	5,000	
4	Station Bl/Meridian Pkway	Liberty	Meridian Lakes Dr	3,400	17,000	10,200	
TOTAL					63,705	38,400	

Lane closures shall only be permitted between 8:30 AM to 3:30 PM

Patching shall be completed before crack sealing - See Patching List

Contractor shall verify length of improvement, required traffic control, requirements for posting of Temp. No Parking Signs and all other impacts this work may have on adjacent improvements

Roadway shall be kept clean, swept by 5:00 PM each day

LIST MAY BE SUBJECT TO CHANGE. IF ANY CHANGES ARE MADE, A NEW LIST WILL BE GIVEN TO THE CONTRACTOR AFTER CONTRACTING AND BEFORE THE PRE-CON.

**2025 SIDEWALK REMOVAL AND REPLACEMENT**

Ward	Address / Location	MID-BLOCK				CURB RAMP				
		PORTLAND CEMENT CONCRETE SIDEWALK, 5"; SIDEWALK REMOVAL	DOMESTIC WATER SERVICE BOX TO BE ADJUSTED	CATCH BASINS TO BE ADJUSTED	NEW SIDEWALK	PORTLAND CEMENT CONCRETE SIDEWALK, 5"; SIDEWALK REMOVAL	DETECTABLE WARNINGS	COMB CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT (SPECIAL)	DOMESTIC WATER SERVICE BOX TO BE ADJUSTED	CATCH BASINS TO BE ADJUSTED
		ITEMS 2 & 4	ITEM 9	ITEM 10	ITEM 27	ITEMS 2 & 4	ITEM 3	ITEM 1	ITEM 9	ITEM 10
		SQ FT	EACH	EACH	SQ FT	SQ FT	SQ FT	FT	EACH	EACH
1	1005 Asbury Dr.	100								
1	1824 Chase Ln.	50								
1	1399 Colchester Ln.	25								
1	1149 Drury Ln.	75								
1	1810 Felten Rd.	25								
1	1811 Felten Rd.	50								
1	1115 Heathrow Ln.	75								
1	Havenshire Ln. (SW corner w/ Heathrow)					150	30			
1	1552 Mansfield Dr.	100								
1	2132 Oleander Ct.	125								
1	914 Rural St.	25								
2	221 5th St	50								
2	756 George Ave.	150								
2	719 Kane St.	50								
2	45 S. Lincoln Ave.	36								
2	203 W. Galena Blvd.	200								
2	205 W. Galena Blvd.	25								
2	5 W. Galena Blvd.	250								
3	948 4th Ave.	50								
3	532 Binder St.	75								
3	2081 Conway Ln.	50								
3	2058 Ione Ln.	25								
4	52 Bluff St.	125								
4	140 Calumet Ave.	100								
4	1010 Charles St.	75								
4	1041 Charles St.	50								
4	1110 Charles St.	25								
4	1110 Charles St.	25								
4	246 Evans Ave.	50								
4	404 Gabrielle Ln.	25								
4	328 Grant Pl.	25								
4	632 Iroquois Dr.	25								
4	1300 Park Manor	100								
4	1331 Plum St.	50								
4	1345 Plum St.	75								
4	423 Rosewood Ave.	100								
4	233 S. Gladstone Ave.	60								
4	510 S. Elmwood Dr.	75								
4	77 S. Commonwealth Ave.	75								
4	643 W. Downer Pl.	25								
5	2120 Best Pl.	125								
5	265 Carriage Hill Dr.	25								
5	268 Carriage Hill Dr.	25								
5	276 Carriage Hill Dr.	100								
5	276 Carriage Hill Dr.	25								
5	290 Carriage Hill Dr.	150								
5	70 Cold Spring Ct.	125								
5	2053 Garfield Ave.	100								
5	2011 Kensington Pl.	100								
5	2100 Lilac Ln.	50								

**2025 SIDEWALK REMOVAL AND REPLACEMENT**

Ward	Address / Location	MID-BLOCK				CURB RAMP				
		PORTLAND CEMENT CONCRETE SIDEWALK, 5"; SIDEWALK REMOVAL	DOMESTIC WATER SERVICE BOX TO BE ADJUSTED	CATCH BASINS TO BE ADJUSTED	NEW SIDEWALK	PORTLAND CEMENT CONCRETE SIDEWALK, 5"; SIDEWALK REMOVAL	DETECTABLE WARNINGS	COMB CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT (SPECIAL)	DOMESTIC WATER SERVICE BOX TO BE ADJUSTED	CATCH BASINS TO BE ADJUSTED
		ITEMS 2 & 4	ITEM 9	ITEM 10	ITEM 27	ITEMS 2 & 4	ITEM 3	ITEM 1	ITEM 9	ITEM 10
		SQ FT	EACH	EACH	SQ FT	SQ FT	SQ FT	FT	EACH	EACH
5	2120 Lilac Ln.	125								
5	540 Linda Ct.	75								
5	1125 Orchard Lake Dr.	25								
5	2571 Pinehurst Dr.	50								
5	913 Shady Ct.	50								
5	1412 Star Grass Cir.	25								
5	1980 W. Downer Pl.	50								
5	933 Wellington Cir.	50								
6	600 Block of Wilder St.	425								
6	1480 Elmwood Dr.	75								
6	411 Lakelawn Blvd.	50								
6	415 Lakelawn Blvd.	75								
6	1344 N Russell Ave.	25								
6	453 Palace St	50								
6	468 Palace St.	25								
6	1110 Pin Oak Tr.	50								
6	815 Robert St.	75								
6	361 West Park Ave.	50								
6	378 West Park Ave.	50								
6	425 W Park (Apron on Blackhawk)									
7	1032 Asbury Dr.	150								
7	Alden Cir. and Lauren Ln.	150								
7	831 E. New York St.	50								
7	2808 Kendridge Ln.	50								
7	263 N. Farnsworth Ave.	100								
7	1371 Natalie Ln.	100								
7	701 Periwinkle Ln.	25								
7	2341 Reflections Dr.	125								
7	1630 Sycamore Ln.	100								
8	2335 Alder Ct.	100								
8	3096 Barnstable Ct.	100								
8	3700 Baybrook Dr.	100								
8	2854 Breckenridge Cir.	75								
8	73 Breckenridge Dr.	25								
8	705 Burnside Ct.	50								
8	2621 Carriage Ct.	25								
8	2635 Carriage Way	50								
8	2640 Carriage Ct.	25								
8	2651 Carriage Ct.	25								
8	2660 Carriage Ct.	25								
8	2661 Carriage Ct.	25								
8	2710 Carriage Way	75								
8	2720 Carriage Way	25								
8	2800 Carriage Way	25								
8	2810 Carriage Way	50								
8	2815 Carriage Way	25								
8	2820 Carriage Way	25								
8	624 Clarendon Ln.	25								
8	630 Clarendon Ln.	25								
8	63 Forestview Ln.	75								
8	2215 Lakeside Dr.	25								

**2025 SIDEWALK REMOVAL AND REPLACEMENT**

Ward	Address / Location	MID-BLOCK				CURB RAMP				
		PORTLAND CEMENT CONCRETE SIDEWALK, 5"; SIDEWALK REMOVAL	DOMESTIC WATER SERVICE BOX TO BE ADJUSTED	CATCH BASINS TO BE ADJUSTED	NEW SIDEWALK	PORTLAND CEMENT CONCRETE SIDEWALK, 5"; SIDEWALK REMOVAL	DETECTABLE WARNINGS	COMB CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT (SPECIAL)	DOMESTIC WATER SERVICE BOX TO BE ADJUSTED	CATCH BASINS TO BE ADJUSTED
		ITEMS 2 & 4	ITEM 9	ITEM 10	ITEM 27	ITEMS 2 & 4	ITEM 3	ITEM 1	ITEM 9	ITEM 10
		SQ FT	EACH	EACH	SQ FT	SQ FT	SQ FT	FT	EACH	EACH
8	2495 Lakeside Dr.	25								
8	200 Millington Ln.	125								
8	2562 Millington Ln.	100								
8	1030 Norwood Ln.	50								
8	897 Shoreline Dr.	25								
8	1236 Teasel Ln.	100								
8	4255 Westbrook Dr.	100								
8	4030 Winberie Ct.	50								
9	2650 Buckland Dr.	50								
9	2760 Dorothy Dr.	50								
9	2274 Halsted Ln.	25								
9	2314 Halsted Ln.	50								
9	2769 Lindgren Tr.	50								
9	2775 Lindgren Tr.	25								
9	2778 Lindgren Tr.	75								
9	2207 Lundquist Dr.	25								
9	1927 Spinnaker Ct.	25								
9	1944 Spinnaker Ct.	50								
9	1974 Spinnaker Ct.	50								
9	1837 Turtle Creek Dr.	25								
9	1889 Turtle Creek Dr.	25								
9	1897 Turtle Creek Dr.	25								
9	1906 Turtle Creek Dr.	125								
9	1930 Turtle Creek Dr.	25								
9	3399 Wilkes Dr.	50								
10	3102 Bennett Pl.	75								
10	3104 Bennett Pl.	75								
10	3106 Bennett Pl.	75								
10	4258 Central Park Ln.	100								
10	3520 Cerena Ct.	50								
10	2570 Chasewood Ct.	25								
10	2579 Clara Ave.	125								
10	2680 Clara Ave.	50								
10	404 Gabrielle Ln.	100								
10	451 Grosvenor Ln.	50								
10	455 Grosvenor Ln.	50								
10	458 Grosvenor Ln.	50								
10	470 Grosvenor Ln.	50								
10	485 Grosvenor Ln.	25								
10	486 Grosvenor Ln.	25								
10	489 Grosvenor Ln.	25								
10	490 Grosvenor Ln.	25								
10	530 Grosvenor Ln.	75								
10	559 Grosvenor Ln.	75								
10	652 Grosvenor Ln.	25								
10	3241 Haverhill Dr.	25								
10	20 Mayfair Ln.	100								
10	1125 Oakhill Dr.	25								
10	242 Park Ridge Ln.	25								
10	441 Park Ridge Ln.	25								
10	2793 Peachtree Cir.	50								

**2025 SIDEWALK REMOVAL AND REPLACEMENT**

Ward	Address / Location	MID-BLOCK				CURB RAMP				
		PORTLAND CEMENT CONCRETE SIDEWALK, 5"; SIDEWALK REMOVAL	DOMESTIC WATER SERVICE BOX TO BE ADJUSTED	CATCH BASINS TO BE ADJUSTED	NEW SIDEWALK	PORTLAND CEMENT CONCRETE SIDEWALK, 5"; SIDEWALK REMOVAL	DETECTABLE WARNINGS	COMB CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT (SPECIAL)	DOMESTIC WATER SERVICE BOX TO BE ADJUSTED	CATCH BASINS TO BE ADJUSTED
		ITEMS 2 & 4	ITEM 9	ITEM 10	ITEM 27	ITEMS 2 & 4	ITEM 3	ITEM 1	ITEM 9	ITEM 10
		SQ FT	EACH	EACH	SQ FT	SQ FT	SQ FT	FT	EACH	EACH
10	2818 Peachtree Cir.	25								
10	2841 Peachtree Cir.	50								
10	2901 Peachtree Cir.	25								
10	2902 Peachtree Cir.	25								
10	2930 Peachtree Cir.	25								
10	2933 Peachtree Cir.	50								
10	2966 Peachtree Cir.	25								
10	1171 Pensacola Ct.	50								
10	409 Plaza Pl.	25								
10	451 Plaza Pl.	25								
10	467 Plaza Pl.	25								
10	483 Plaza Pl.	25								
10	502 Plaza Pl.	100								
10	509 Plaza Pl.	25								
10	1087 Sandstone Ct.	50								
10	3128 Stratton Ln.	25								
*DT	37 W Benton	152								
*DT	35 S Broadway	30								
*DT	Clark St (Lincoln Ave to west)	165								
*DT	57 E Downer	50								
*DT	67 E Downer	55								
*DT	205 E Downer	240								
*DT	205 E Downer	121								
*DT	220 E Downer	330								
*DT	275 E Downer	33								
*DT	E Downer (alley entrance)	525								
*DT	E Downer (b/w LaSalle & Broadway)	72								
*DT	134 W Downer	429								
*DT	W Downer (across from 130)	195								
*DT	5 E Galena	24								
*DT	209 E Galena	480								
*DT	217 E Galena	301								
*DT	115 W Galena	189								
*DT	129 W Galena	63								
*DT	131 W Galena	28								
*DT	203 W Galena	121								
*DT	207 W Galena	81								
*DT	11 S Lake	435								
*DT	84 S LaSalle	48								
*DT	101 S LaSalle	200								
*DT	119 S LaSalle	260								
*DT	34 N Lincoln	280								
*DT	3 S Lincoln	25								
*DT	15 S Lincoln	98								
*DT	65 S Lincoln	25								
*DT	101 S Lincoln	36								
*DT	121 S Lincoln	360								
*DT	Pinney St	48								

**2025 SIDEWALK REMOVAL AND REPLACEMENT**

W a r d	Address / Location	MID-BLOCK				CURB RAMP				
		PORTLAND CEMENT CONCRETE SIDEWALK, 5"; SIDEWALK REMOVAL	DOMESTIC WATER SERVICE BOX TO BE ADJUSTED	CATCH BASINS TO BE ADJUSTED	NEW SIDEWALK	PORTLAND CEMENT CONCRETE SIDEWALK, 5"; SIDEWALK REMOVAL	DETECTABLE WARNINGS	COMB CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT (SPECIAL)	DOMESTIC WATER SERVICE BOX TO BE ADJUSTED	CATCH BASINS TO BE ADJUSTED
		ITEMS 2 & 4	ITEM 9	ITEM 10	ITEM 27	ITEMS 2 & 4	ITEM 3	ITEM 1	ITEM 9	ITEM 10
		SQ FT	EACH	EACH	SQ FT	SQ FT	SQ FT	FT	EACH	EACH
*DT	18 S River	135								
*DT	18 S River	40								
*DT	70 S River	234								
*DT	73 S River	330								
*DT	81 S River	100								
*DT	100 S River	40								
*DT	41 S Stolp	15								
*DT	100 S River St (SE corner River/Benton)					120	24	20		
*DT	SW corner E Downer Pl & Water St	150								
*DT	107 Spruce St (on River St) - 3' sidewalk widening from corner to drive approach				252					
*DT	33 N Lake St - 2' sidewalk widening between driveways on Lake St				300					
<b>CONTINGENCY &amp; ADDITIONAL MOBILIZATION WORK</b>		6000	5	5						
<b>Total</b>		<b>22,614</b>	<b>5</b>	<b>5</b>	<b>552</b>	<b>270</b>	<b>54</b>	<b>20</b>	<b>-</b>	<b>-</b>

TOTALS:

- 22,884 PORTLAND CEMENT CONCRETE SIDEWALK, 5"; SIDEWALK REMOVAL
- 54 DETECTABLE WARNINGS
- 20 COMB CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT (SPECIAL)
- 5 DOMESTIC WATER SERVICE BOX TO BE ADJUSTED
- 5 MANHOLES TO BE ADJUSTED

NOTES:

- LIST MAY BE SUBJECT TO CHANGE. IF ANY CHANGES ARE MADE, A NEW LIST WILL BE GIVEN TO THE CONTRACTOR AFTER CONTRACTING AND BEFORE THE PRE-CON.
- LOCATIONS ABOVE MAY BE BROKEN OUT SEPARATELY AND COMPLETED AS PART OF A DIFFERENT PROJECT, WHICH WOULD MEAN DELETION FROM THE LIST.
- ALL QUANTITIES ARE ESTIMATED AND PAYMENT WILL MADE FOR ACTUAL MEASURED WORK COMPLETED.
- WORK COMPLETED OUTSIDE THE ENGINEER'S PRE-MEASURED FIELD MARKINGS / QUANTITIES WILL NOT BE MEASURED FOR PAYMENT, UNLESS THE CONTRACTOR CONTACTS THE ENGINEER FOR PRE-APPROVAL BEFORE THE WORK BEGINS.
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION ABOUT CONTINGENCY & ADDITIONAL MOBILIZATION WORK.
- \*DT = SIDEWALK IN THE DOWNTOWN AREA (THERE MAY BE LOCATIONS IN THE WARDS LIST THAT ARE ALSO DOWNTOWN)

## CITY OF AURORA - 2025 CITY WIDE STRIPING

THERMOPLASTIC PAVEMENT MARKING - VARIOUS LOCATIONS - ONLY REPLACE STRIPING THAT IS NOT VISIBLE, USE SEALER AT ALL LOCATIONS, STRIPE AFTER PATCHING (QUANTITIES ARE ESTIMATE ONLY)					GENERAL SCOPE OF WORK	LINE 4 INCH	LINE 6 INCH	LINE 12 INCH	LINE 24 INCH	LETTERS & SYMBOLS
*	STREET	LOCATION		LENGTH		LF	LF	LF	LF	SQ FT
	Montgomery Rd	Frontenac	Normantown Rd	1,100	YY, SD-W, DW, CW, SB, L/S	2,900	886	60	120	207
	Root St	Benton St	New York St	1,370	YY, DY, CW, ST	200	616		80	
	Meridian Lakes Drive	Meridian Pkwy	Rt. 59	3,430	YY, DY, SD-W, DW, CW, SD-Y, SB, L/S	3,420	1,719	100	90	328
	Station Bl	Meridian Lakes Dr	Liberty St	3,400	LL, SD-W, CW, SB, L/S	1,550	3,530	300	150	964
*	Farnsworth	Dearborn	Grove	1,630	LL, YY, CW, SB, L/S	2,718	1,012	910	120	37
	New York St	Root St	Broadway	1,670	YY, SD-W, DW, CW, SB, L/S	3,966	1,747	680	252	338
	Edgelawn Dr	Sullivan	Colorado	3,370	YY, DY, SD-W, DW, CW, SB, L/S	3,832	667	112	180	173
*	Ohio	Claim	Sheffer Rd	6,020	YY, DY, SD-W, DW, CW, SB, L/S	5,574	2,311	275	352	37
	Montgomery Rd	Rt. 34	Eola	1,790	YY, SD-W, DW, CW, SB, L/S	4,289	982	356	75	219
*	Eola	New York St	Oakhurst Dr	2,500	LL, SD-Y, SD-W, DW, CW, SB	11,250	1,990	44	240	219
	Illinois	430' west of Broadway	High St	1,760	YY, DY, SD-W, DW, CW, SB, L/S	4,172	1,795	300	406	391
	River St	Benton St	Vine	2,460	YY, DY, SD-W, DW, CW, SB, L/S	4,163	1,892	1,768	405	146
*	Highland	Indian Trail	260' south of Illinois	4,200	YY, DY, SD-W, DW, CW, SB, L/S	2,103	1,345		270	110
*	Waterford	Montgomery Rd	5th	4,200	YY, SD-W, DW, CW, SB, L/S, See Exhibit	5,322	974	158	157	146
	Vaughn Rd	McCoy	New York St	1,220	YY, SD-W, DW, CW, SB, L/S	2,020	800		90	73
	Barnes Rd	Prairie St	650' south of Moraine Dr	1,300	YY, SD-W, SB	5,000			14	
	Farnsworth	Ogden	Hafenrichter	1,600	YY, LL, SD-W, DW, CW, SB, L/S	4830	471	165	98	151
	Spring	Broadway	Smith	4,950	YY, DY, SD-W, DW, CW, SB, L/S	1,886	2540	520	420	114
	Downer	Union	Highland	8,450	YY, DY, SD-W, DW, CW, SB, L/S	6,704	5,188	2,900	1,092	563
	Healthway	Trade	Westbrook	2,650	DY, CW, SB	650	284		80	
	Westbrook	Healthway	Rt 59	3,040	DY, CW, SB	760	332		60	
	Various	Misc. Crosswalks - Change to bicycle per TC-13					2,800	6,000		
	Keating	Normantown Rd	Normantown Rd		*See Exhibit				78	123
	Terry Av	Jericho Rd	Jericho Rd		*See Exhibit				78	123
	Mesa Ln	Wagner Rd	Wagner Rd		*See Exhibit	660	20			83
	Kenilworth Pl	Kingsway Dr	Edgelawn Dr	1,910	SD-W, SB	40			22	
	Kingsway Dr	Prairie St	Kenilworth							
	Elmwood Dr	New Haven Ave	Colorado Ave	1,450	YY, SD-W, CW, SB	20	1,129	155	13	
	Chatham	Manchester Way	Canterbury Rd	1,150	DY		237			
	Lincoln Ave	Simms St	Hazel Ave	230	SD-W, DY, CW	80	80	120		
	Daywards/Harriet	5th Ave	Ohio St	800	CW, SB		144		12	
	Jackson	7th Ave	6th Ave	1,880	DY, CW, SB	150	284		35	
	Simms	Pearl St	5th St							
	5th Ave	Jackson St	Talma St							
	5th St	Maple Ave	Marion Ave							
	Beau Ridge North Subdivision					CW		60		
<b>Contingency</b>						7,000	2,000	500	400	100
<b>THERMOPLASTIC TOTALS</b>						85,259	37,835	15,423	5,389	4,645
<b>THERMO GROOVING TOTALS</b>						26,967	7,632	1,387	1,139	549

MODIFIED URETHANE PAVEMENT MARKING (on concrete pavement)				GENERAL SCOPE OF WORK	LINE 4 INCH	LINE 6 INCH	LINE 12 INCH	LINE 24 INCH	LETTERS & SYMBOLS
*	STREET	LOCATION	LENGTH		LF	LF	LF	LF	SQ FT
	Illinois Bridge	Lake to Broadway	753	SY, LL	1,885				
	Farnsworth Bridge	Dearborn to Mountain	854	SY, LL	2,135				
	New York St	Vaughn to Commons	8150	YY, SD-Y, LL, SD-W, DW, CW, L/S	18,545	7,477	210	900	692
	Downer Bridges	Hoyt to Water	400	DY, SD-W, CW	1,130	52	56		
	US 24	At 75th St		CW, SB		408		125	
	Contingency				100	300	300	100	100
<b>MODIFIED URETHANE TOTALS</b>					23,795	8,237	566	1,125	792
<b>URETHANE GROOVING TOTALS</b>					0	0	0	0	0

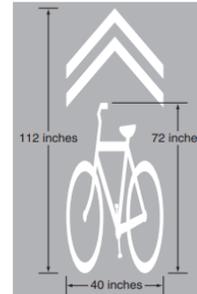
NOTES:

- LIST MAY BE SUBJECT TO CHANGE. IF ANY CHANGES ARE MADE, A NEW LIST WILL BE GIVEN TO THE CONTRACTOR BEFORE THE PRE-CON.
- LOCATIONS ABOVE MAY BE BROKEN OUT SEPARATELY AND COMPLETED AS PART OF A DIFFERENT PROJECT, WHICH WOULD MEAN DELETION FROM THE LIST.
- ALL QUANTITIES ARE ESTIMATED AND PAYMENT WILL MADE FOR ACTUAL MEASURED WORK COMPLETED.
- \*STREETS MARKED WITH AN ASTERISK TO INCLUDE GROOVING FOR ALL LINE TYPES
- IF ANY SHARROW MARKINGS ARE ENCOUNTERED, THEY SHALL BE POURED HOT IN-PLACE THERMOPLASTIC WITH A STENCIL, AND SHALL MATCH FIGURTE 9C-9 OF THE MUTCD (SEE IMAGE BELOW).
- IF ANY BIKE LANE SYMBOLS ARE ENCOUNTERED, THEY SHALL BE POURED HOT IN-PLACE THERMOPLASTIC WITH A STENCIL.

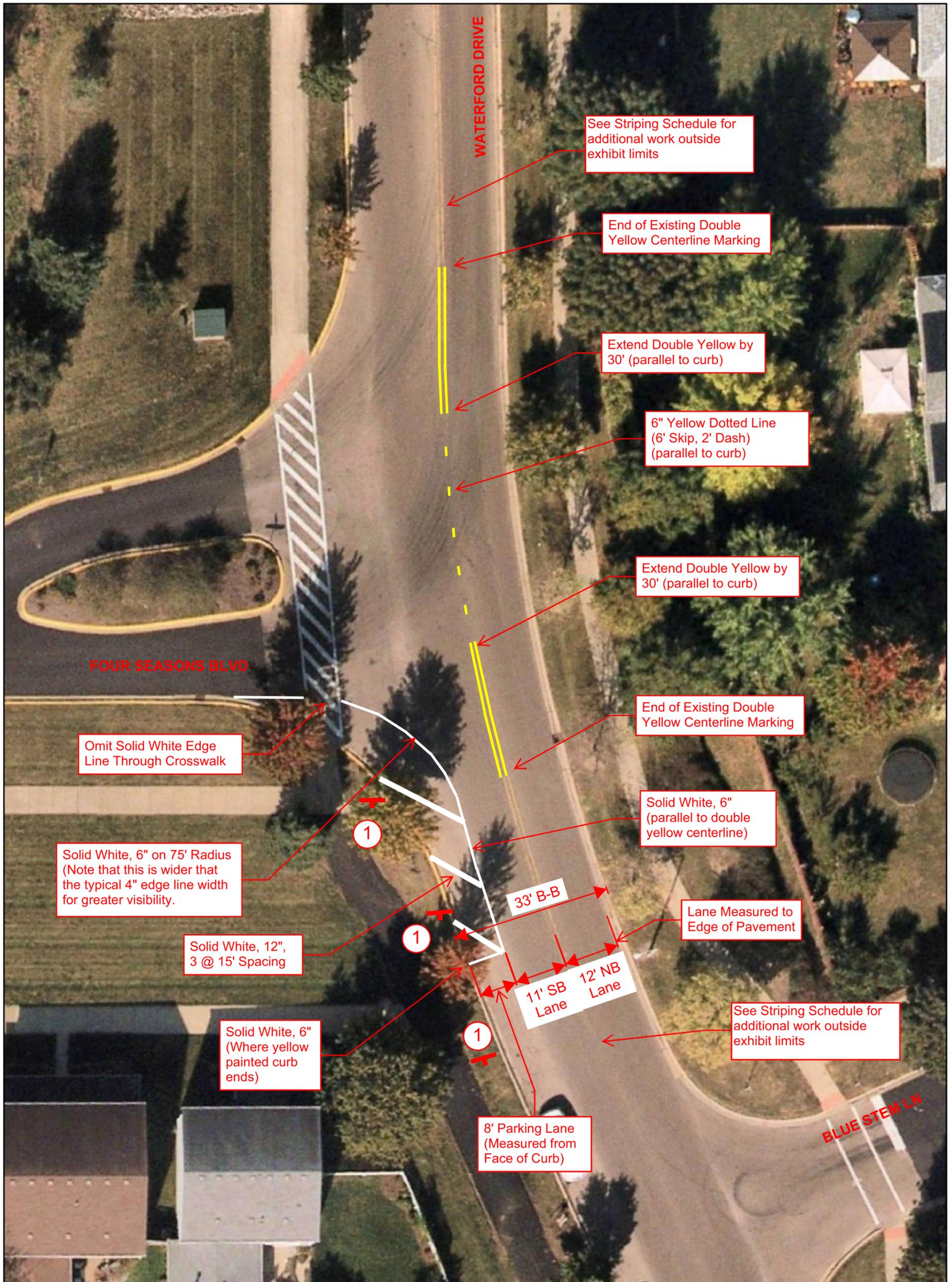
- ABBREVIATIONS:

SD-Y	solid yellow
LL	lane line
SB	stop bar
L/S	Letters/symbols
YY	double yellow
DY	dashed yellow
CW	cross walk
CWH	cross walk hatches
SD-W	solid white
DW	dashed white

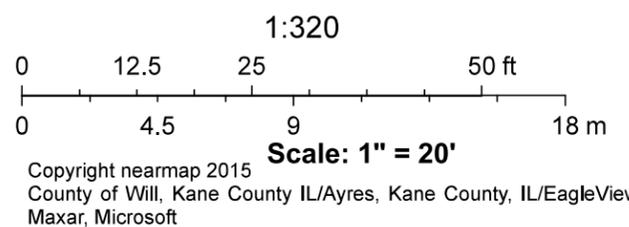
Figure 9C-9. Shared Lane Marking



# Waterford Drive



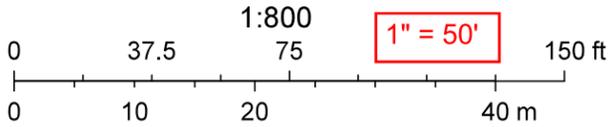
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# Keating Drive Quiet Zone Improvements

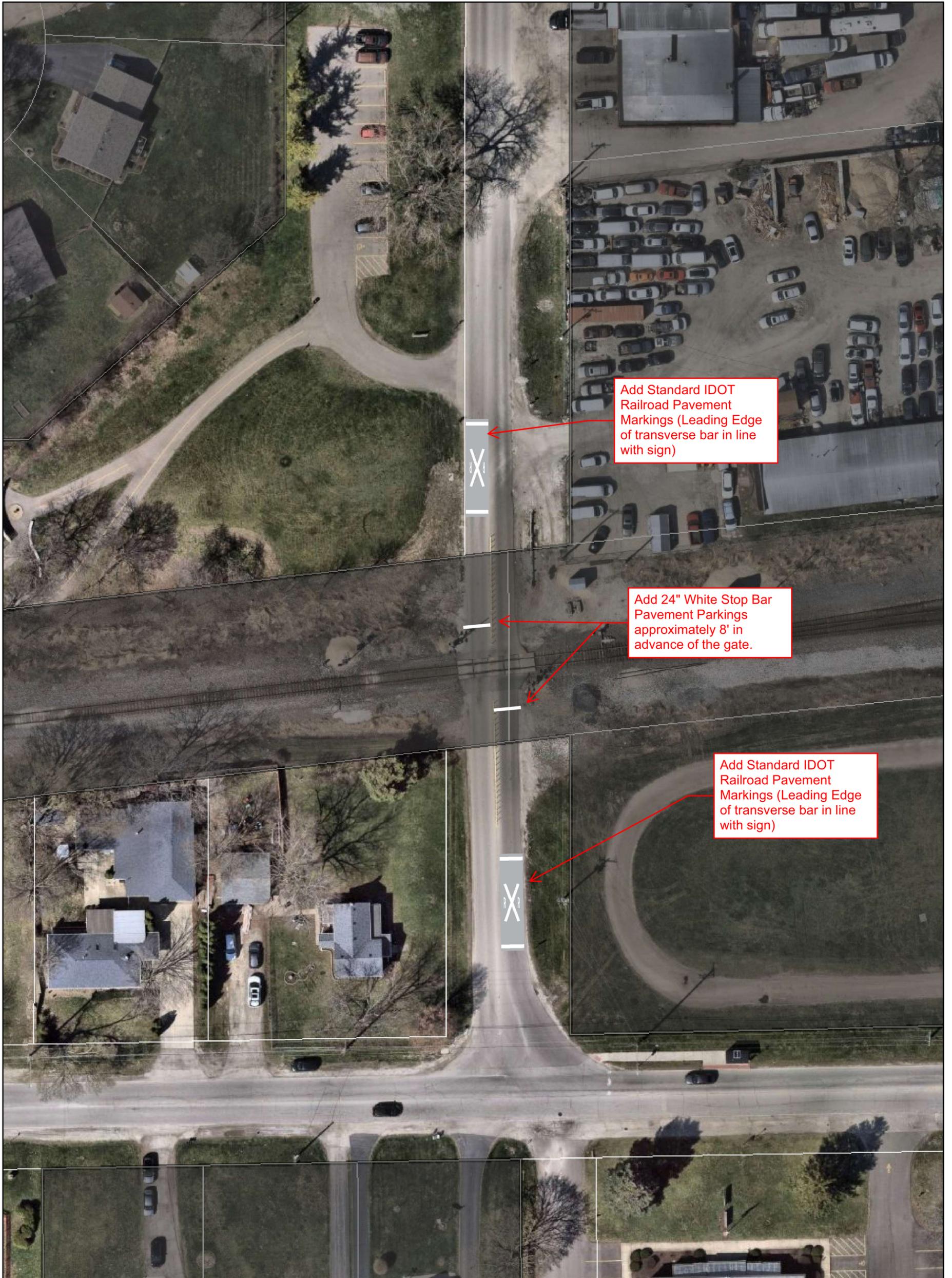


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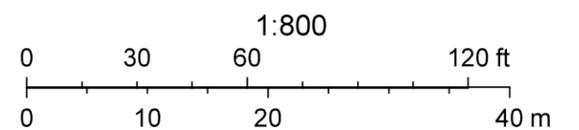


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# Terry Ave Quiet Zone Improvements



5/15/2025, 11:35:37 AM

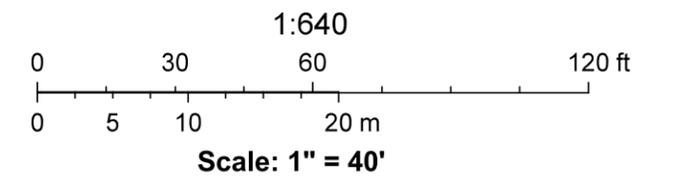


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County of Will, Kane County IL/Ayres, Kane County, IL/EagleView,  
Maxar, Microsoft

# Mesa Lane



3/11/2025, 12:16:14 PM



Kane County IL/Ayres, Kane County, IL/EagleView, Maxar, Microsoft, Copyright nearmap 2015

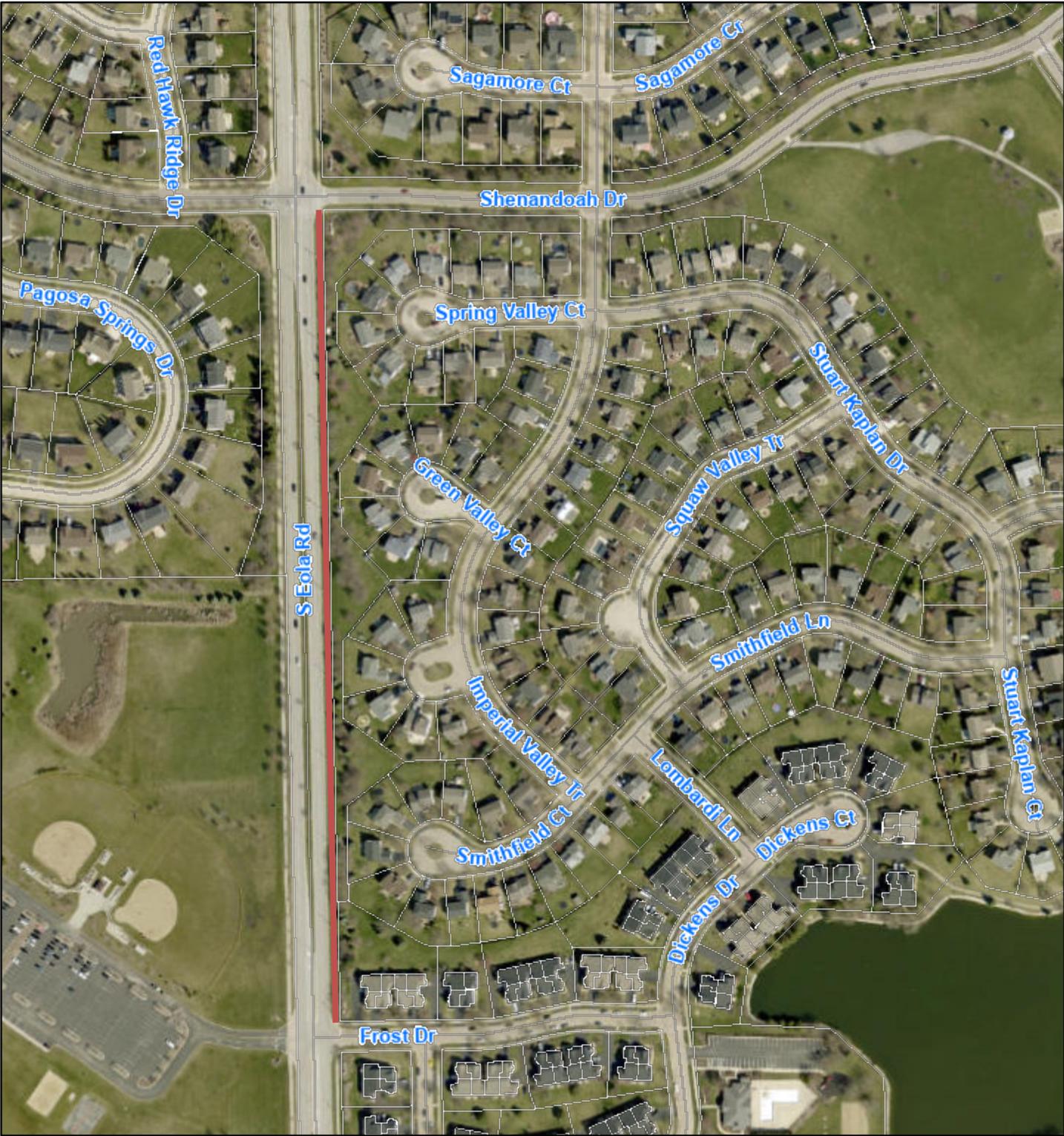
## 2025 HMA BIKE PATH OVERLAY

Bike Path Overlay (width varies 8' to 12', verify in field)			Length	PORTLAND CEMENT CONCRETE SIDEWALK, 5"; SIDEWALK REMOVAL and REPLACEMENT	COMB CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT (SPECIAL)	DETECTABLE WARNINGS	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	PREPARATION OF BASE	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, BIKE PATH	CLASS D PATCHES, TYPE 1, 2"	
												SQ FT
STREET	LOCATION		Ward	Pay Item	2 & 4	1	3	5	29	7	8	30
Keating Dr	Royal Ct	West End	3	850	900	150	150	756	756	340	85	
Eola Rd	Shenandoah Dr	Frost Dr	9	1,580				1404	1404	632	157	
<b>TOTAL</b>				2,430	900	150	150	2,160	2,160	972	242	0

**NOTES:**

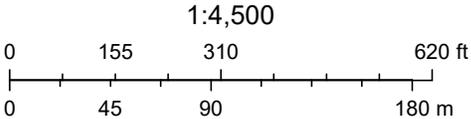
- LIST MAY BE SUBJECT TO CHANGE. IF ANY CHANGES ARE MADE, A NEW LIST WILL BE GIVEN TO THE CONTRACTOR AFTER CONTRACTING AND BEFORE THE PRE-CON.
- ALL QUANTITIES ARE ESTIMATED AND PAYMENT WILL MADE FOR ACTUAL MEASURED WORK COMPLETED.
- WORK COMPLETED OUTSIDE THE ENGINEER'S PRE-MEASURED FIELD MARKINGS / QUANTITIES WILL NOT BE MEASURED FOR PAYMENT, UNLESS THE CONTRACTOR CONTACTS THE ENGINEER FOR PRE-APPROVAL BEFORE THE WORK BEGINS.
- TACK COAT SHOULD BE PLACED VIA A PRESSURE DISTRIBUTOR THAT MEETS ARTICLE 1102.05 OF THE STANDARD SPECIFICATIONS.

# Eola Rd Bike Path



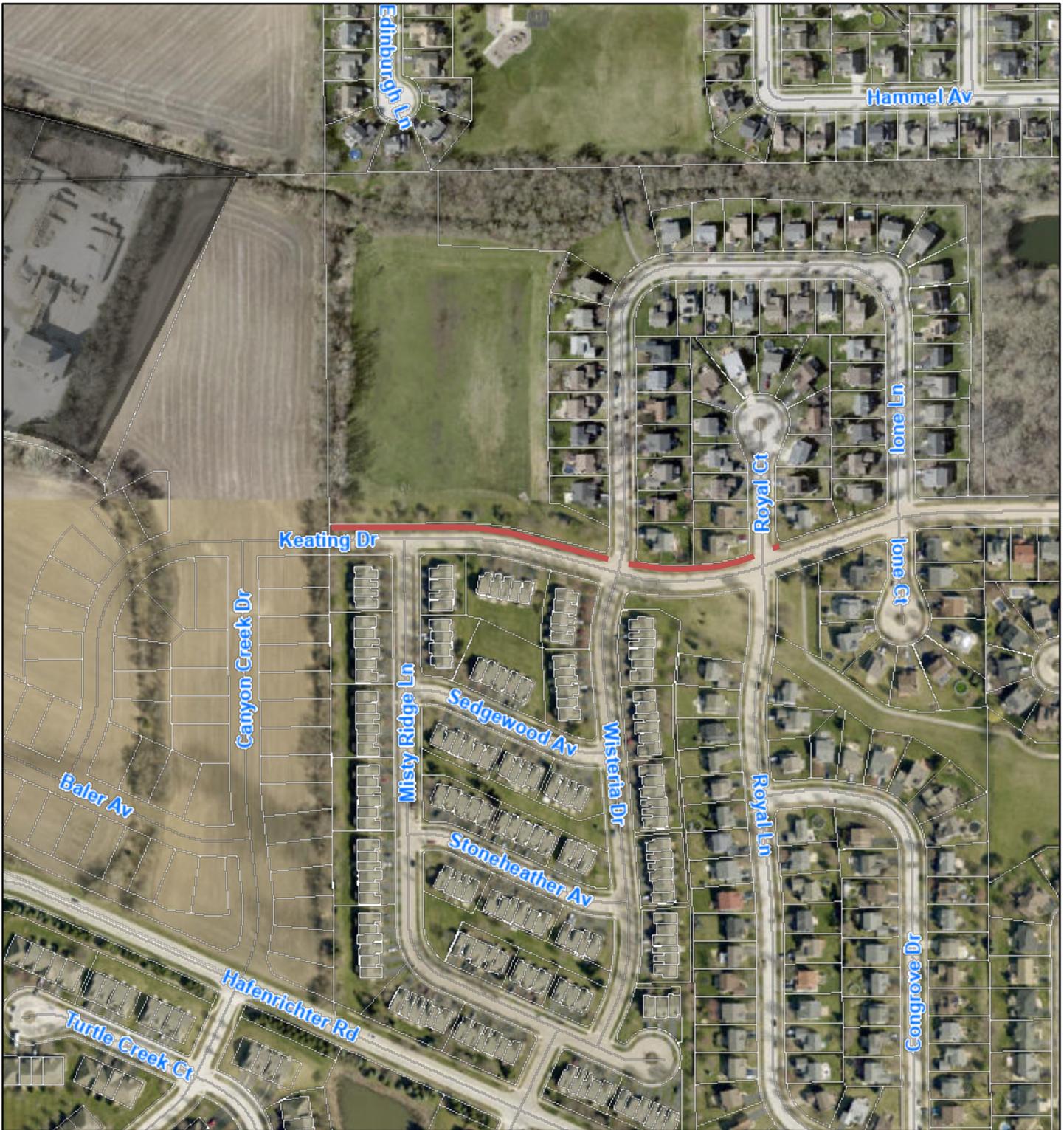
7/22/2025, 11:47:44 AM

-  Centerlines
-  City Limits
-  City of Aurora
-  Parcels



County of Will, Maxar, The City of Aurora GIS and Engineering Department.

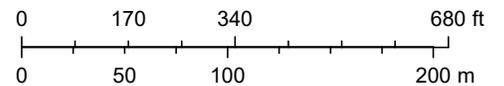
# Keating Dr Bike Path



7/22/2025, 11:44:35 AM

1:4,890

Centerlines



City Limits

City of Aurora

Unincorporated

Parcels

County of Will, Kane County, IL/EagleView, Maxar, The City of Aurora GIS and Engineering Department.

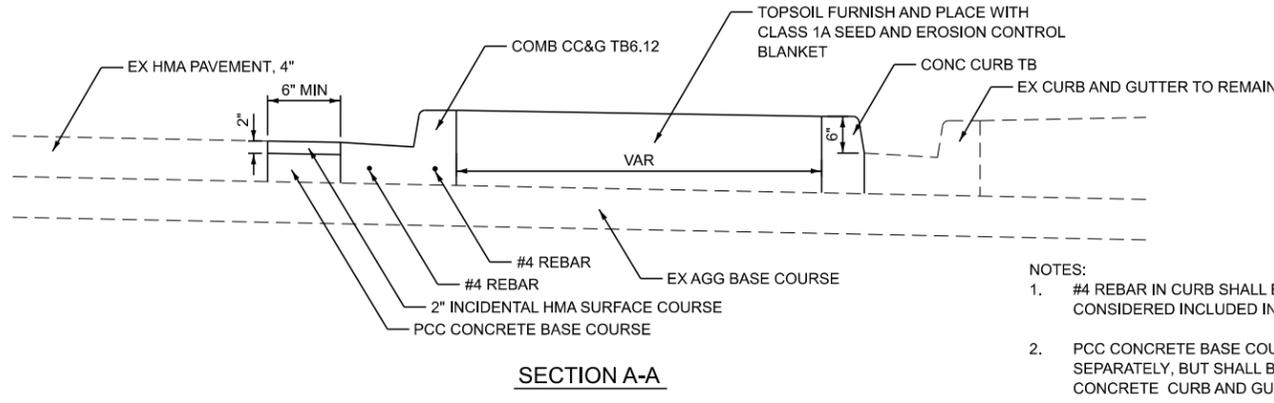
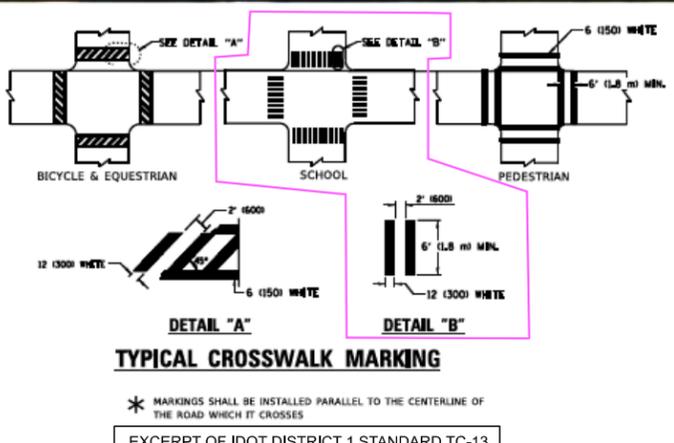
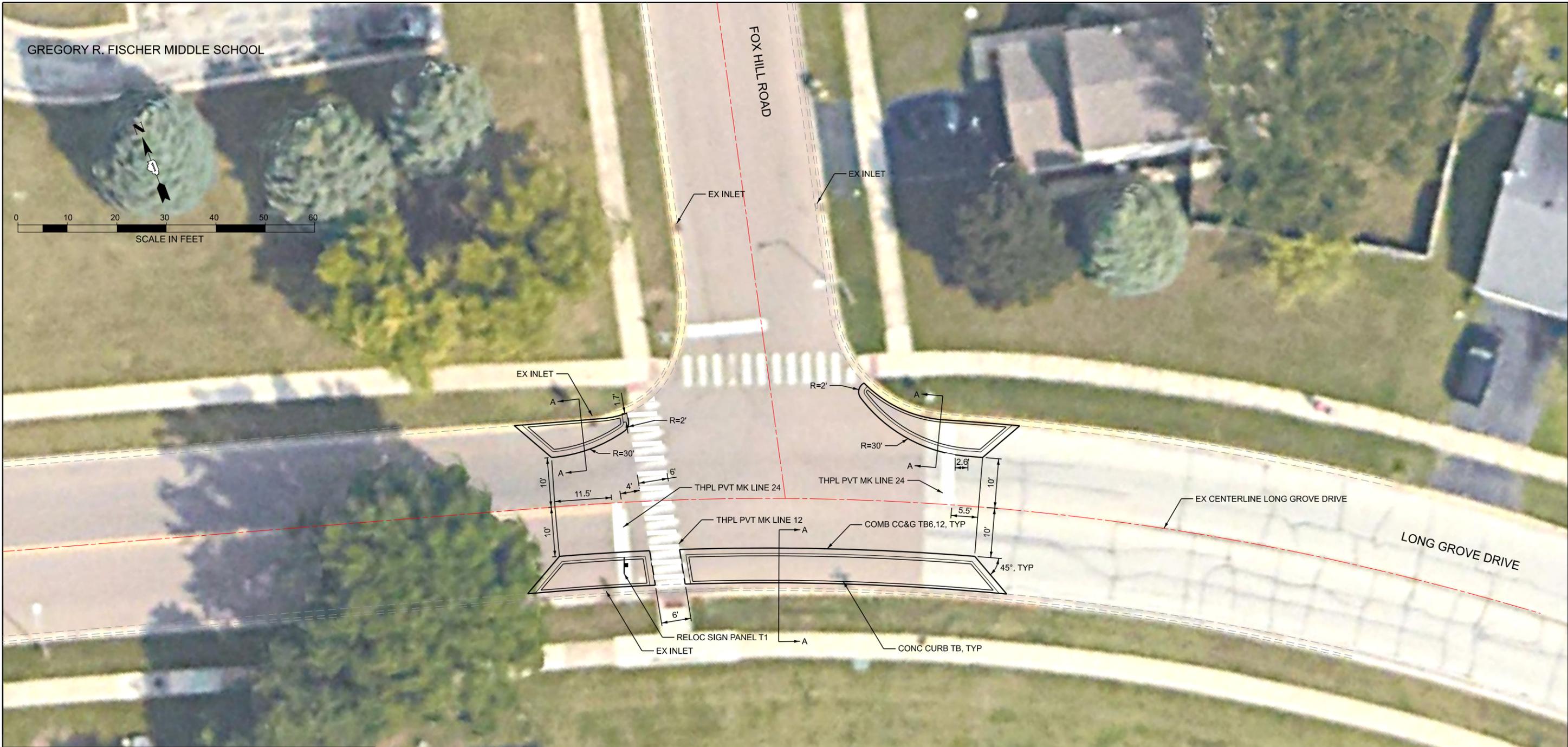
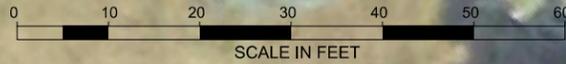
## 2025 DRIVEWAY & SPECIALTY REMOVAL & REPLACEMENT

LOCATIONS			DRIVEWAY PAVEMENT REMOVAL	PORTLAND CEMENT CONCRETE SIDEWALK, 5"; SIDEWALK REMOVAL	COMB CONCRETE CURB AND GUTTER REMOVAL & REPLACEMENT (SPECIAL)	PCC DRIVEWAY PAVEMENT, 6 INCH	NEW SIDEWALK	REMOVE AND REINSTALL BRICK PAVER	CONCRETE BORDER REPAIR
			SQ FT	SQ FT	FT	SQ YD	SQ FT	SQ FT	FOOT
STREET	LOCATION	Ward	28	2 & 4	1	32	27	35	36
<b>STOUGHTON CIRCLE</b>	CATCH BASIN NEAR 2369 STOUGHTON	8			10				
<b>NEW YORK ST</b>	1116 E NEW YORK ST DRIVEWAYS	7	200	650	100	22			
<b>CENTRAL PARK LN</b>	COMMERCIAL ALLEY E OF STATION BLVD	10						405	162
<b>TOTAL</b>			200	650	110	22	0	405	162

**2025 SPECIALTY CROSSWALKS & SIDEWALKS**

LOCATIONS			PCC SIDEWALK, 5"	DETECTABLE WARNINGS	PAVEMENT REMOVAL	NEW SIDEWALK	SIDEWALK REM	CATCH BASINS TO BE ADJUSTED	CL B PATCH TYP 3, 9"	COMB CONC GUTTER REM	COMB CONC C&G REM & REPL (SPL)	CONC CURB TY B	COMB CC&G TY B.6-12	COMB CC&G TY B.6-24	RELOC SIGN PANEL TYP 1	THPL PVT MRK LINE 12	THPL PVT MRK LINE 12	THPL PVT MRK LINE 24	MOD URETH PVT MRK LINE 6	PVT MKG REM GRINDING
STREET	LOCATION	Ward	SQ FT	SQ FT	SQ YD	SQ FT	SQ FT	EACH	SQ YD	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	SQ FT
			2	3	37	27	4	10	39	38	1	40	31	41	42	12	13	14	17	26
<b>LONG GROVE DR</b>	AT FOX HILL ROAD	8			97							131	167		7		73	21		114
<b>FOX VALLEY DR</b>	AT US 34	7	247	20			301		20	47				47						127
<b>HARRIS DR</b>	AT MOLITOR RD (SW RAMPS)	10	280	20			280				38									
<b>HARRIS DR</b>	AT MOLITOR RD (BRIDGE SW CURB)	10	275				275						35							
<b>FRONTENAC ST</b>	AT PRINCETON/ST KITTS	10	250	40		50	250	1			40					210				
<b>TOTAL</b>			1,052	80	97	50	1,106	1	20	47	78	131	202	47	7	210	73	21	127	114

GREGORY R. FISCHER MIDDLE SCHOOL



- NOTES:
- #4 REBAR IN CURB SHALL BE CONTINUOUS. REBAR SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT COST OF THE COMBINATION CONCRETE CURB AND GUTTER.
  - PCC CONCRETE BASE COURSE AND INCIDENTAL HMA SURFACE COURSE SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT COST OF THE COMBINATION CONCRETE CURB AND GUTTER.

HRG PROJECT NO.:  
 HRG PROJ CONTACT:  
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 USER: cww  
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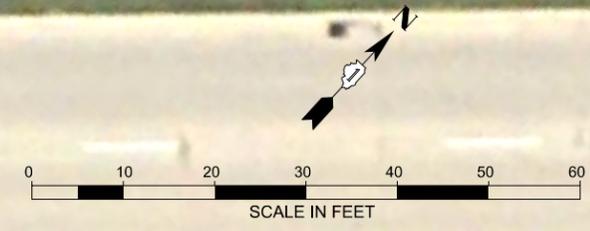
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	DATE - 4/21/2025	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

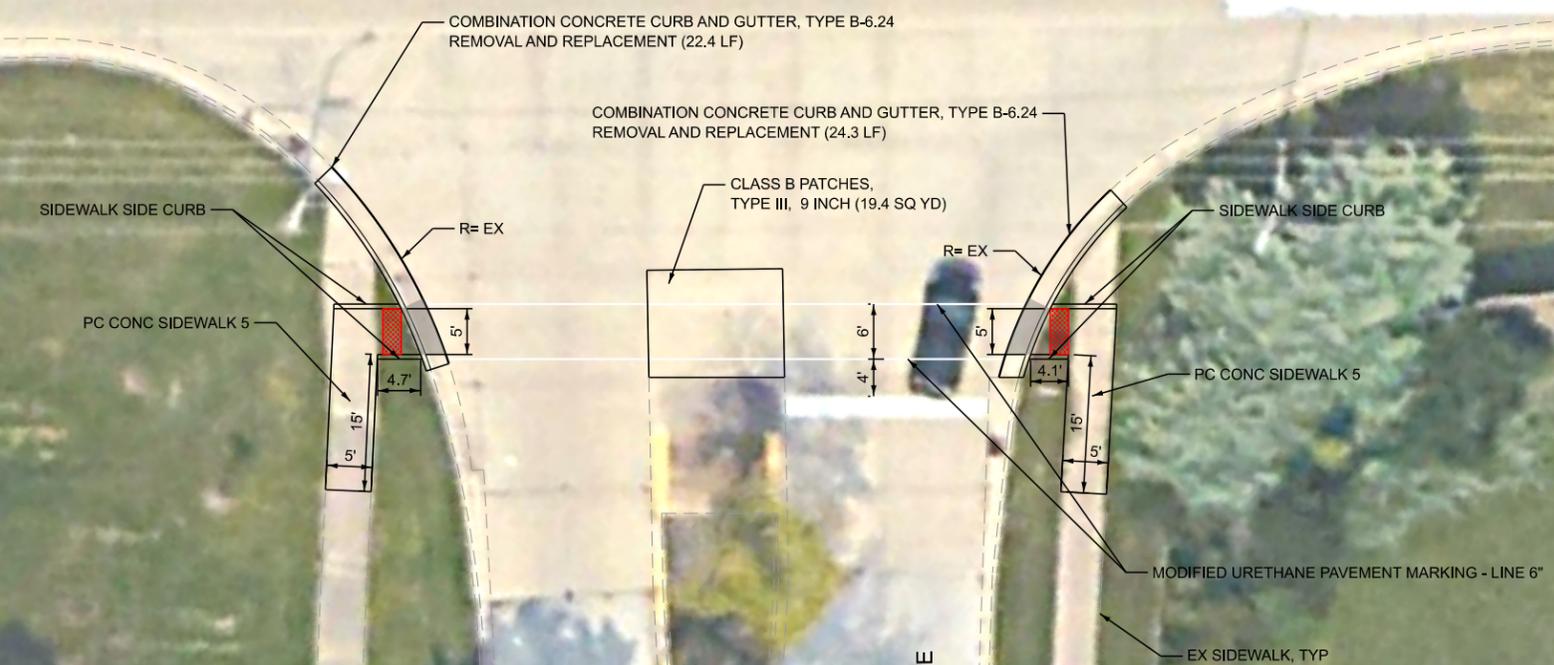
INTERSECTION IMPROVEMENTS  
LONG GROVE DRIVE AT FOX HILL ROAD

SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE	1	1
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



OGDEN AVENUE (US ROUTE 34)



**LEGEND**

- DETECTABLE WARNING
- DEPRESSED CURB

**NOTES:**  
SIDEWALK AND DETECTABLE WARNINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT STANDARD 424001-12 PERPENDICULAR CURB RAMPS FOR SIDEWALKS.

HRG PROJECT NO.:  
 HRG PROJ CONTACT:  
 FILE NAME: em\_04511\_Ogden-FoxValley-Int.dgn  
 PEN TABLE: PLOTTABLE.tbl

**HRGreen.com**  
Illinois Professional Design Firm #184-001322

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	DRAWN - MJW	REVISED -	
PLOT SCALE = 20,000' / in.	CHECKED - CWW	REVISED -	
PLOT DATE = 4/22/2025	DATE - 4/21/2025	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION IMPROVEMENTS  
OGDEN AVENUE AT FOX VALLEY DRIVE**

SCALE: 1"=10'    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE	1	1
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



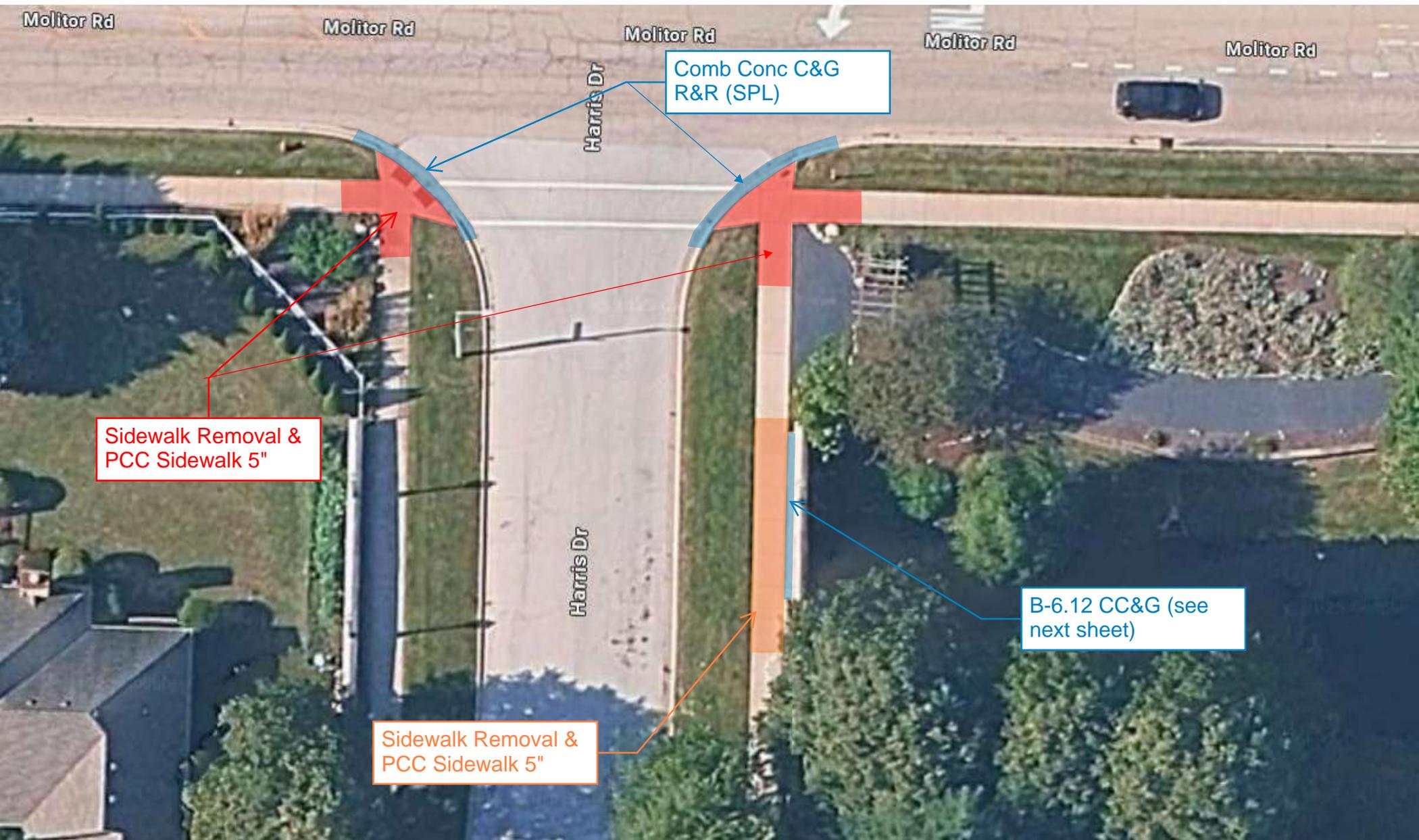
6" White Thermoplastic  
Pavement Marking (typ.)

St Kitts Ct

Frontenac St

Princeton Av

- Sidewalk R&R
- New Sidewalk
- Curb & Gutter R&R



Molitor Rd

Molitor Rd

Molitor Rd

Molitor Rd

Molitor Rd

Harris Dr

Harris Dr

Comb Conc C&G  
R&R (SPL)

B-6.12 CC&G (see  
next sheet)

Sidewalk Removal &  
PCC Sidewalk 5"

Sidewalk Removal &  
PCC Sidewalk 5"