

PROJECT MANUAL FOR:
SPRING BROOK #1 STREAM BANK STABILIZATION



WHEATON SANITARY DISTRICT

15649 SHAFFNER ROAD

WHEATON, IL 60189

PHONE: (630) 668-1515

BIDS DUE:

SEPTEMBER 12, 2022

AT 10:00 A.M.

HARD COPIES ONLY. EMAILED OR FAXED BIDS WILL NOT BE ACCEPTED.

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Advertisement for Bids

Sealed proposals for the **Spring Brook #1 Stream Bank Stabilization** will be received at the following location:

Wheaton Sanitary District
15649 Shaffner Road
Wheaton, IL 60189

until 10:00 a.m., local time, September 12, 2022, at which time all bids will be publicly opened and read aloud.

A non-mandatory pre-bid meeting will be held on Tuesday August 30, 2022, at 10:00 a.m., at the Wheaton Sanitary District Administration Building located at 15649 Shaffner Road, Wheaton, Illinois, 60189.

The project consists of tree removal, erosion and sediment control, excavation, riprap, seeding, planting, natural area management, guardrail, and related work as described in the Project Manual and on the Plans. The location of the work is Wheaton, DuPage County, Illinois.

Each proposal must include the completed Local Public Agency Formal Contract Proposal, Schedule of Prices, Proposal Bid Bond, and Statement of Qualifications included in the Project Manual to be considered responsive.

All Contracts for the Construction of Public Works are subject to the Illinois Prevailing Wage Act.

Wheaton Sanitary District reserves the right to reject any and all bids and waive any/all bid formalities if in their best interest. All proposals shall be valid for a period of sixty (60) days.

PUBLISHED BY THE AUTHORITY OF:

Wheaton Sanitary District

Statement of Qualifications

To qualify as a responsible bidder and for their bid to be considered, a Bidder must submit a written Statement of Qualifications with their bid demonstrating that they and any chosen subcontractors meet the minimum experience requirements specified herein and provide references for corresponding projects. The expectation is that the staff and subcontractors as submitted by the Bidder within these qualifications will be used as the respective project team. Any changes during project implementation shall be subject to review and approval by the Wheaton Sanitary District (District).

Work associated with this project involves the use of specialized equipment within a riverine system. The work at all levels of involvement is to be performed by qualified firms with individuals having the expertise necessary to perform the assigned tasks with the skill and precision appropriate to work in these varied environments.

It is the intent of the District to award a contract only to a bidder who furnishes satisfactory evidence that it has the requisite experience, ability, equipment, staffing, and sufficient capital and facilities to perform the work successfully and within the time specified in the contract documents.

- Qualified CONTRACTORS must provide two (2) examples of projects, each being a minimum of \$250,000 where while serving as “General Contractor”, substantially contributed (defined as greater than 60% of the work) and caused to be completed said projects within the past seven (7) years which have achieved ecological vegetative performance standards on a minimum of 5 contiguous acres and received “sign-off” from all applicable regulatory agencies. A qualified CONTRACTOR must not have defaulted on any ecological management vegetation performance standard within the last five (5) years.
- Qualified CONTRACTORS must provide two (2) examples of projects completed in the past 5 years demonstrating earth excavation with cut and fill requirements of a minimum 5,000 cubic yards and subsequent earthwork shaping experience and proficiency to achieve target contour elevations, cross section geometry and drainage way specifications.
- Qualified CONTRACTORS must demonstrate prior experience working in natural areas with sensitive resources, specifically plant installation projects. Due to the complexity and size of the project, the District will accept bids only from bidders that have successfully completed one or more restoration projects involving the installation of at least 500 native trees and shrubs. Experience in the Chicago region is preferred and project experience shall be within the last five years. The bidder must provide examples of each type of project.

- Qualified CONTRACTOR must demonstrate completion of restoration project with channel width of at least 15 feet wide with a stream reach equaling at least 2,000 feet of streambank treatments.
- Qualified CONTRACTOR shall demonstrate they have worked on similar stream restoration projects.

Contractor Staff Qualifications

- A. Prospective CONTRACTORS must have a qualified Restoration Ecologist on staff with a minimum of five (5) years of documented experience in the Chicago Wilderness Region with ecosystems/habitat type field identification skills of local flora, who shall directly perform in-field supervision of all aspects of ecological management including planting crews and control of invasive species. Designated person shall have at least two (2) years' experience regarding plant installation within riverine type hydrologic conditions, and must have five (5) years' experience with Regional Midwest and or Chicago Wilderness Region with ecosystems/habitat types, working knowledge and understanding of basic ecology and restoration principles, skills to competently identify invasive and native species, working knowledge of the latest most effective and selective methods/materials/herbicides for providing quality ecological restoration, and understanding of effective timing for successful target species application methods.
- B. Prospective CONTRACTORS must have a qualified Field Supervisor on staff to supervise the day-to-day onsite implementation of each phase of the project. This individual will work closely with Engineer. He/she will be expected to keep the crew working in an efficient and safe manner with appropriate Personal Protective Equipment worn as applicable, make sure the proper equipment is available and in good working order when needed by the crew. This person shall be a spokesperson on behalf of the CONTRACTOR, must have five (5) years of experience with Regional Midwest and or Southwest Great lakes ecosystems/habitat types, shall have at minimum 3 years of supervision of restoration crews, at least two (2) years' experience regarding plant establishment within riverine type hydrologic conditions, working knowledge and understanding of basic ecology and restoration principles, working knowledge of the latest most effective and selective methods/materials/herbicides for providing quality ecological restoration, understanding of effective timing for successful target species application methods, shall possess a current and valid State of Illinois Pesticide Applicator or Operator License, and shall demonstrate extensive and accurate field identification skills of local flora. Field supervisor shall directly perform in-field supervision of all aspects of ecological management including seeding and planting crews, control of invasive species, and ecological management of site. The field supervisor will be required to be onsite during all aspects of the project implementation.
- C. Contractor Staff Qualifications Items A and B may be satisfied by one or more individuals.
- D. Prospective CONTRACTORS must have adequate numbers of qualified Field Crew on staff to implement the day-to-day onsite implementation of each phase of the project and achieve deadlines. All field crew shall have demonstrated experience with Regional

Midwest and or Chicago Wilderness region with ecosystems/habitat type restoration, working knowledge and understanding of basic ecology and restoration principles, working knowledge of the latest most effective and selective methods/materials/herbicides for providing quality ecological restoration, understanding of effective timing for successful target species application methods, shall possess a current and valid State of Illinois Pesticide Operator License if applying herbicide, and shall demonstrate extensive and accurate field identification skills of local and invasive flora. Field crew shall perform installation of seed and plants, control of invasive species, and ecological management of site. The field crew will be under the direct supervision of the field supervisor/foreman during all aspects of the project implementation.

CONTRACTORS shall indicate their general firm qualifications including but not limited to corporate experience and references as well as individual experience described above.

The Statement of Qualifications shall also identify all SUBCONTRACTORS to be utilized by the CONTRACTOR on this project. Provide a thorough description of the work SUBCONTRACTORS will be completing, and applicable qualifications as described above. Include Minority Business Enterprise (MBE)/Women Business Enterprise (WBE) certifications for CONTRACTOR and/or SUBCONTRACTORS to demonstrate how Public Act 96-1064 Business Enterprise Program requirements described in the Special Provisions will be met.



COVER SHEET

Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

Wheaton Sanitary District

County

DuPage

Section Number

N/A

Route(s) (Street/Road Name)

Spring Brook #1 Stream Bank Stabilization

Type of Funds

N/A

☐ Proposal Only ☒ Proposal and Plans ☐ Proposal only, plans are separate

Submitted/Approved

For Local Public Agency:

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature

Date

Submitted/Approved

County Engineer/Superintendent of Highways Date

For a Municipal Project

Submitted/Approved/Passed

Signature

Date

Official Title

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature

Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

| | | | |
|---------------------------|--------|----------------|-------------------------------|
| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
| Wheaton Sanitary District | DuPage | N/A | Spring Brook #1 Stream Bank S |

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of Wheaton Sanitary District
1S649 Shaffner Road Wheaton IL 60189 until 10:00 AM on 09/12/22.
Name of Office
Address Time Date

Sealed proposals will be opened and read publicly at the office of Wheaton Sanitary District
1S649 Shaffner Road Wheaton IL 60189 at 10:00 AM on 09/12/22.
Name of Office
Address Time Date

DESCRIPTION OF WORK

| | |
|-------------------------|----------------|
| Location | Project Length |
| Wheaton, IL (see plans) | 2,650 LF +/- |

Proposed Improvement
 Streambank stabilization including tree removal, erosion and sediment control, excavation, riprap, seeding, planting, natural area management, guardrail, and associated work.

1. Plans and proposal forms will be available in the office of
Wheaton Sanitary District
1S649 Shaffner Road
Wheaton, IL 60189

2. ☐ Prequalification
- If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and two originals with the IDOT District Office.
3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.
4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
- Local Public Agency Formal Contract Proposal (BLR 12200)
 - Schedule of Prices (BLR 12201)
 - Proposal Bid Bond (BLR 12230) (if applicable)
 - ~~Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)~~
 - ~~Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)~~
5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.
6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.
7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.
8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.
9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

| | | | |
|---------------------------|--------|----------------|-------------------------------|
| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
| Wheaton Sanitary District | DuPage | N/A | Spring Brook #1 Stream Bank S |

PROPOSAL

1. Proposal of _____ Contractor's Name _____
 _____ Contractor's Address _____
2. The plans for the proposed work are those prepared by Rempe-Sharpe Consulting Engineers
 and approved by the Department of Transportation on _____
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the " Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within _____ working days or by _____ unless additional time is granted in accordance with the specifications.
6. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.
7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.
8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.
9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.
10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for

Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: Wheaton Sanitary District Treasurer of _____

The amount of the check is _____ (_____).

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number N/A .

| | | | |
|---------------------------|--------|----------------|-------------------------------|
| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
| Wheaton Sanitary District | DuPage | N/A | Spring Brook #1 Stream Bank S |

CONTRACTOR CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense, or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State of Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

| | | | |
|---------------------------|--------|----------------|-------------------------------|
| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
| Wheaton Sanitary District | DuPage | N/A | Spring Brook #1 Stream Bank S |

SIGNATURES

(If an individual)

| | | |
|---------------------|-------|----------|
| Signature of Bidder | Date | |
| | | |
| Business Address | | |
| | | |
| City | State | Zip Code |
| | | |

(If a partnership)

| | | |
|------------------|-------|----------|
| Firm Name | | |
| | | |
| Signature | Date | |
| | | |
| Title | | |
| | | |
| Business Address | | |
| | | |
| City | State | Zip Code |
| | | |

Insert the Names and Addresses of all Partners

| |
|--|
| |
|--|

(If a corporation)

| | | |
|------------------|-------|----------|
| Corporate Name | | |
| | | |
| Signature | Date | |
| | | |
| Title | | |
| | | |
| Business Address | | |
| | | |
| City | State | Zip Code |
| | | |

Insert Names of Officers

| |
|-----------|
| President |
| |
| Secretary |
| |
| Treasurer |
| |

Attest:

| |
|--|
| |
|--|

Secretary



Schedule of Prices



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

| Combination Letter | Section Included in Combinations | Total |
|--------------------|----------------------------------|-------|
| | | |
| | | |
| | | |

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

| Item Number | Items | Unit | Quantity | Unit Price | Total |
|-------------------------|------------------------|-------|----------|------------|-------|
| 1 | MOBILIZATION | LS | 1 | | |
| 2 | TREE REMOVAL | ACRES | 2.72 | | |
| 3 | TEMPORARY HAUL ROAD | EA | 75 | | |
| 4 | SILT CURTAIN | LF | 4750 | | |
| 5 | ROLLED EROSION CONTROL | LF | 220 | | |
| 6 | HIGH-VIS FENCE | LF | 100 | | |
| 7 | SILT FENCE | LF | 1000 | | |
| 8 | STREAMBANK GRADING | LF | 2580 | | |
| 9 | GEOTEXTILE FABRIC | SY | 2009 | | |
| 10 | RIP RAP RR3 | TONS | 2100 | | |
| 11 | TOPSOIL F&P 8" | CY | 2624 | | |
| 12 | SEEDING SIDE SLOPES | ACRES | 1.27 | | |
| 13 | SEEDING TOP OF BANKS | ACRES | 1.16 | | |
| 14 | ECB SIDES OF BANKS | SY | 6133 | | |
| 15 | ECB TOP OF BANK | SY | 6031 | | |
| 16 | NATURAL AREA MGMT | YEAR | 3 | | |
| 17 | LAYOUT & AS-BUILTS | LS | 1 | | |
| 18 | TREE PROTECTION | EA | 50 | | |
| 19 | NATIVE TREES | EA | 400 | | |
| 20 | NATIVE SHRUBS | EA | 200 | | |
| 21 | GUARDRAIL | EA | 1 | | |
| Bidder's Total Proposal | | | | | |

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---------------------------|--------|----------------|-----------------------------|
| Wheaton Sanitary District | DuPage | N/A | Spring Brook #1 Stream |

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.



| | | |
|--|------------------|-----------------------|
| Local Public Agency Wheaton Sanitary District | County DuPage | Section Number N/A |
|--|------------------|-----------------------|

WE, _____ as PRINCIPAL, and

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

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

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

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

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ of _____ Day _____ Month and Year

Principal

Company Name

Signature _____ Date _____
By: _____
Title _____

Company Name

Signature _____ Date _____
By: _____
Title _____

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

Surety

Name of Surety

Signature of Attorney-in-Fact _____ Date _____
By: _____

STATE OF IL
COUNTY OF _____

I _____, a Notary Public in and for said county do hereby certify that

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

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

Given under my hand and notarial seal this _____ day of _____ Month and Year .

(SEAL)

Notary Public Signature

Date commission expires _____

Local Public Agency

County

Section Number

Wheaton Sanitary District

DuPage

N/A

ELECTRONIC BID BOND

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

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

Electronic Bid Bond ID Code

| | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|

Company/Bidder Name

| |
|--|
| |
|--|

Signature

| |
|--|
| |
|--|

Date

| |
|--|
| |
|--|

Title

| |
|--|
| |
|--|



Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

Wheaton Sanitary District

County

DuPage

Section Number

N/A

Street Name/Road Name

Spring Brook #1 Stream Bank Stabilization

Type of Funds

☒ CONTRACT BOND (when required)

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date

For a Municipal Project

Submitted/Approved/Passed

Signature

Date

Official Title

Department of Transportation

☐ Concurrence in approval of award

Regional Engineer Signature

Date

| Local Public Agency | Local Street/Road Name | County | Section Number |
|---------------------------|--|--------|----------------|
| Wheaton Sanitary District | Spring Brook #1 Stream Bank Stabilizat | DuPage | N/A |

1. THIS AGREEMENT, made and concluded the _____ day of _____ between the _____
 _____ Day _____ Month and Year _____ ~~Local Public Agency Type~~
 of Wheaton Sanitary District, known as the party of the first part, and _____,
 _____ Local Public Agency _____ Contractor
 its successor, and assigns, known as the party of the second part.

2. For and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring this contract, the party of the second part agrees with said party of the first part, at its own proper cost and expense, to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this contract.

3. It is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, ~~Affidavit of Illinois Business Office,~~
~~Apprenticeship or Training Program Certification,~~ and Contract Bond hereto attached, and the Plans for Section N/A
Section Number
in Wheaton Sanitary District, ~~approved by the Illinois Department of Transportation on~~, are essential
Local Public Agency Date
documents of this contract and are a part hereof.

4. IN WITNESS WHEREOF, the said parties have executed this contract on the date above mentioned.

Attest: _____ The Local Public Agency Type of Wheaton Sanitary District
Name of Local Public Agency

| Clerk | Date |
|-------|------|
| | |

(SEAL)

| | Party of the First Part | Date |
|-----|-------------------------|------|
| By: | | |

(If a Corporation)

Corporate Name _____

| | President, Party of the Second Part | Date |
|-----|-------------------------------------|------|
| By: | | |

(SEAL)

(If a Limited Liability Corporation)

LLC Name _____

By: _____
Manager or Authorized Member, Party of the Second Part

(If a Partnership)

| Partner | Date |
|---------|------|
| | |

Attest:

| Secretary | Date |
|-----------|------|
| | |

(SEAL)

| Partner | Date |
|---------|------|
| | |

Partners doing Business under the firm name of
Party of the Second Part

Party of the Second Part

(If an individual)

| | |
|--------------------------|------|
| Party of the Second Part | Date |
| | |

TERMS OF CONTRACT WITH CONSTRUCTION CONTRACTOR

For Inclusion in the Local Public Agency Formal Contract (the Agreement)
Between Wheaton Sanitary District ("WSD") and
_____ ("Contractor")

WSD's Project Name: Spring Brook #1 Stream Bank Stabilization

- (1.) Performance Bonds to be provided shall contain the following language:
"Any suit under this bond must be instituted before the expiration of the statute of limitation applicable to any claims against the Contractor named herein."
- (2.) "As built" drawings from the Contractor are a condition of receipt of the Contractor's final payment.
- (3.) Insurance Requirements:
 - (A.) Prior to commencing the work, Contractor shall procure, and thereafter maintain, at its own expense, until final acceptance of the work, insurance coverage required by this Agreement. At a minimum, the types of insurance policy limits specified in this document below shall be maintained in a form and from insurers acceptable to WSD. All insurers shall have at least an A (excellent) rating by A.M. Best and be qualified to do business in the jurisdiction where the Project is located.
 - (B.) Contractor shall purchase insurance to cover claims and expenses, including costs of defense, asserted against WSD, their agents, employees and consultants for bodily injury, sickness, disease or death caused by any negligent act or omission of the Contractor, anyone directly or indirectly employed by them or anyone for whose acts any of them may be liable. The coverage afforded WSD shall be primary insurance for WSD with respect to claims arising out of operations performed by or on behalf of the Contractor. If WSD has other insurance which is applicable to the loss, such other insurance shall be on an excess or contingent basis. The amount of liability of the Contractor under this insurance policy shall not be reduced by the existence of such other insurance.
 - (C.) Contractor shall provide the following minimum coverage limits and criteria on the Certificate of Insurance to WSD:
 - (1.) Commercial General Liability Insurance:
 - (a.) \$1,000,000 Each Occurrence Limit
(Bodily Injury and Property Damage)
 - (b.) \$2,000,000 General Aggregate per Project
 - (c.) \$2,000,000 Products & Completed Operations Aggregate
 - (d.) \$1,000,000 Personal and Advertising Injury Limit

- (2.) Business or Commercial Automobile Liability Insurance:
 - (a.) \$1,000,000 Combined Single Limit Per Accident
- (3.) Worker's Compensation and Employer's Liability Insurance:
 - (a.) \$1,000,000 Each Accident
 - (b.) \$1,000,000 Each Employee for Injury by Disease
 - (c.) \$1,000,000 Aggregate for Injury by Disease
- (4.) Excess or Umbrella Liability:
 - (a.) To overlay Employer's Liability, Automobile Liability, and Commercial General Liability coverages at the limit of \$10,000,000 per Occurrence and Aggregate
- (5.) Additional Insured:
 - (a.) WSD, along with its respective officers, agents, and employees, shall be named as Additional Insured for Ongoing Operations and Products/Completed Operations, on the Contractor's and any Subcontractor's Commercial General Liability Policy, Excess or Umbrella Policy, and on the Business or Commercial Automobile Liability Policy, all of which must be primary and non-contributory with respect to these additional insureds. It is expressly understood by the parties to this Contract that it is the intent of the parties that any insurance obtained by the Contractor is not deemed excess, is noncontributory and not co-primary in relation to the coverage(s) procured by the Contractor, any Subcontractor, or any of their respective consultants, officers, agents, subcontractors, employees or anyone directly or indirectly employed by any of them, or by anyone for whose acts any of the aforementioned may be liable by operation of statute, government regulation, or applicable case law.
- (6.) Waiver of Subrogation:
 - (a.) The Contractor's Certificate of Insurance shall have Waiver of Subrogation toggled for General Liability and Worker's Compensation.
- (7.) WSD, Winfield Township Road District and its elected officials, Thomas Engineering Group, LLC, and Hey and Associates Inc. shall be named as additional insureds.

- (4.) Work will not begin nor will any payment be authorized absent submission by the Contractor to WSD and Engineer of proof that all required insurance coverages and bonds are in effect. A Certificate of Insurance is not adequate proof. The Contractor may provide a Certificate of Insurance but shall also provide the actual endorsement from Contractor's insurance company.
- (5.) The responsibilities/liabilities of WSD and the Contractor and their consultants, agents and employees and any concomitant damages and/or consequential damages shall be determined in such amount and to such extent as provided by Illinois law.
- (6.) The Contractor shall reimburse WSD for all reasonable fees charged to WSD by Engineer which WSD incurs as a result of the Contractor's failure to fulfill the Contractor's obligations including, without limitation, timely completion of the project.
- (7.) Contractor shall pay all reasonable attorneys' fees, experts' fees, and costs incurred by WSD in enforcing the terms and provisions of this Agreement and in defending any proceeding to which WSD is made a party as result of the acts or omissions of the Contractor.
- (8.) Any and all claims shall be commenced within the limitations stated in 735 ILCS 5/13-214.¹ The parties intend that modifications in the contract documents of the limitations provided by 735 ILCS 5/13-214, if any, shall be given no effect.
- (9.) Contractor acknowledges full and sole authority for all safety programs and precautions in connection with the work.
- (10.) Contractor shall defend, indemnify, and hold harmless WSD and Engineer from and against all claims, losses, damages, and expenses to the extent such claims, losses, damages or expenses are caused by Contractor's conduct, acts, errors or omissions.
- (11.) The Contractor's standard of care shall be the standard of care consistent with those usual and customary standards of care, skill and diligence which are commonly followed in performing the same or similar services in the locale where the Project is located.
- (12.) Contractor acknowledges that he has examined the property and has familiarized himself with all local conditions affecting the project.
- (13.) Contractor shall at all times observe and comply with all laws, ordinances, regulations and codes of any applicable governmental entity including, without limitation, prevailing wage laws.

¹ * * (a) Actions based upon tort, contract or otherwise against any person for an act or omission of such person in the design, planning, supervision, observation or management of construction, or construction of an improvement to real property shall be commenced within 4 years from the time the person bringing an action, or his or her privity, knew or should reasonably have known of such act or omission. Notwithstanding any other provision of law, contract actions against a surety on a payment or performance bond shall be commenced, if at all, within the same time limitation applicable to the bond principal.

(b) No action based upon tort, contract or otherwise may be brought against any person for an act or omission of such person in the design, planning, supervision, observation or management of construction, or construction of an improvement to real property after 10 years have elapsed from the time of such act or omission . . .

- (14.) Contractor shall provide WSD with all documents requested by WSD thereby enabling WSD to respond timely to any request to WSD for documents pursuant to the Freedom of Information Act.
- (15.) Contractor, at Contractor's expense, will obtain and maintain all necessary permits and licenses.
- (16.) In an effort to resolve any conflicts that arise under this Agreement, prior to commencing litigation all disputes between the WSD and Contractor arising out of or relating to this Agreement shall be submitted to non-binding mediation. After such non-binding mediation and, unless the parties agree to submit to binding arbitration, any claims, disputes, liabilities of the parties or other matters between WSD and Contractor shall be resolved in the Circuit Court of DuPage County, Illinois in accordance with Illinois law.
- (17.) All payments due Contractor shall be processed by WSD consistent with WSD's usual and customary payment procedures.
- (18.) THIS "TERMS OF CONTRACT WITH CONSTRUCTION CONTRACTOR" (TERMS) ARE EXECUTED ON THE DATES STATED BELOW. IN THE EVENT OF ANY CONFLICT BETWEEN THESE TERMS AND ANY OTHER PROVISIONS OF THE AGREEMENT, THESE TERMS CONTROL. THIS PARAGRAPH IS STATED IN ALL CAPITAL LETTERS AND IS INITIALED AS CONFIRMATION OF THE PARTIES' UNDERSTANDING OF THE PRECEDENCE THESE TERMS TAKE OVER ANY OTHER PROVISIONS OF THE CONTRACT DOCUMENTS.

Contractor (Initial)

WSD (Initial)

Date Initialed: _____

Date Initialed: _____

_____(CONTRACTOR)

WHEATON SANITARY DISTRICT

By: _____

By: _____

Title: _____

Matthew A. Larson, P.E., J.D.
Executive Director

Date Signed: _____, 202__

Date Signed: _____, 202__



| Local Public Agency | County | Street Name/Road Name | Section Number |
|---------------------------|--------|-----------------------|----------------|
| Wheaton Sanitary District | DuPage | Spring Brook #1 | N/A |

Bond information to be returned to Local Public Agency at 1S649 Shaffner Road Wheaton, IL 60189
Complete Address

We, _____
Contractor's Name and Address

a/an _____ organized under the laws of the State of _____ as PRINCIPAL, and
State

Surety Name and Address

as SURETY, are held and firmly bound unto the above Local Public Agency (thereafter referred to as "LPA") in the penal sum of

Dollars (_____) lawful money of the United States, to be paid to said LPA, the payment of which we bind ourselves, successors and assigns jointly to pay to the LPA this sum under the conditions of this instrument.

WHEREAS, THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that the said Principal has entered into a written contract with the LPA acting through its awarding authority for the construction of work on the above sections, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money.

NOW, THEREFORE, if the said Principal shall perform said work in accordance with the terms of said contract, and shall pay all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery furnished to it for the purpose of constructing such work, and shall commence and complete the work within the time prescribed in said contract, and shall pay and discharge all damages, direct and indirect, that may be suffered or sustained on account of such work during the time of the performance thereof and until the said work shall have been accepted, and shall hold the LPA and its awarding authority harmless on account of any such damages and shall in all respects fully and faithfully comply with all the provisions, conditions and requirements of said contract, then this obligation shall be void; otherwise it shall remain in full force and effect.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective agents this _____ day of _____
Day Month and Year

PRINCIPAL

Company Name

By
Signature & Title Date

Attest
Signature & Title Date

Company Name

By
Signature & Title Date

Attest
Signature & Title Date

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

STATE OF IL
COUNTY OF _____

I, _____, a Notary Public in and for said county, do hereby certify that
Notary Name

Insert name of Individuals signing on behalf of PRINCIPAL

who is/are each personally known to me to be the same person(s) whose name(s) is/are subscribed to the foregoing instrument on behalf of PRINCIPAL, appeared before me this day in person and acknowledged respectively, that he/she/they signed and delivered said instrument freely and voluntarily for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____
Day Month, Year

(SEAL)

Notary Public Signature

Date commission expires _____

SURETY

Name of Surety

Title

By:

STATE OF IL
COUNTY OF _____

I, _____, a Notary Public in and for said county, do hereby certify that
Notary Name

Insert name of Individuals signing on behalf of SURETY

who is/are each personally known to me to be the same person(s) whose name(s) is/are subscribed to the foregoing instrument on behalf of SURETY, appeared before me this day in person and acknowledged respectively, that he/she/they signed and delivered said instrument freely and voluntarily for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____
Day Month, Year

(SEAL)

Notary Public Signature

Date commission expires _____

Approved this _____ day of _____
Day Month, Year

Attest:

Local Public Agency Clerk Signature

Date

Awarding Authority

Wheaton Sanitary District

Awarding Authority Signature

Date

Local Public Agency Type Clerk

DuPage County Prevailing Wage Rates posted on 7/15/2022

| Trade Title | Rg | Type | C | Base | Foreman | Overtime | | | | H/W | Pension | Vac | Trng | Other Ins |
|--------------------------|-----|------|---|-------|---------|----------|-----|-----|-----|-------|---------|------|------|--------------|
| | | | | | | M-F | Sa | Su | Hol | | | | | |
| ASBESTOS ABT-GEN | All | ALL | | 47.40 | 48.40 | 1.5 | 1.5 | 2.0 | 2.0 | 17.05 | 15.21 | 0.00 | 0.90 | |
| ASBESTOS ABT-MEC | All | BLD | | 39.60 | 42.77 | 1.5 | 1.5 | 2.0 | 2.0 | 14.77 | 13.59 | 0.00 | 0.86 | |
| BOILERMAKER | All | BLD | | 53.66 | 58.48 | 2.0 | 2.0 | 2.0 | 2.0 | 6.97 | 23.69 | 0.00 | 2.67 | |
| BRICK MASON | All | BLD | | 49.81 | 54.79 | 1.5 | 1.5 | 2.0 | 2.0 | 12.10 | 21.56 | 0.00 | 1.10 | |
| CARPENTER | All | ALL | | 52.01 | 54.01 | 1.5 | 1.5 | 2.0 | 2.0 | 11.79 | 24.76 | 1.50 | 0.80 | |
| CEMENT MASON | All | ALL | | 49.75 | 51.75 | 2.0 | 1.5 | 2.0 | 2.0 | 17.08 | 20.74 | 0.00 | 1.00 | |
| CERAMIC TILE FINISHER | All | BLD | | 44.18 | 44.18 | 1.5 | 1.5 | 2.0 | 2.0 | 12.25 | 14.77 | 0.00 | 1.00 | |
| COMMUNICATION TECHNICIAN | All | BLD | | 34.71 | 37.51 | 1.5 | 1.5 | 2.0 | 2.0 | 12.85 | 23.75 | 3.20 | 0.68 | 0.10 |
| ELECTRIC PWR EQMT OP | All | ALL | | 47.56 | 64.89 | 1.5 | 1.5 | 2.0 | 2.0 | 7.00 | 13.32 | 0.00 | 1.19 | 1.43 |
| ELECTRIC PWR GRNDMAN | All | ALL | | 36.53 | 64.89 | 1.5 | 1.5 | 2.0 | 2.0 | 7.00 | 10.23 | 0.00 | 0.92 | 1.10 |
| ELECTRIC PWR LINEMAN | All | ALL | | 57.17 | 64.89 | 1.5 | 1.5 | 2.0 | 2.0 | 7.00 | 16.01 | 0.00 | 1.43 | 1.72 |
| ELECTRIC PWR TRK DRV | All | ALL | | 37.86 | 64.89 | 1.5 | 1.5 | 2.0 | 2.0 | 7.00 | 10.61 | 0.00 | 0.95 | 1.14 |
| ELECTRICIAN | All | BLD | | 43.08 | 47.33 | 1.5 | 1.5 | 2.0 | 2.0 | 13.60 | 27.57 | 7.13 | 1.20 | |
| ELEVATOR CONSTRUCTOR | All | BLD | | 62.47 | 70.28 | 2.0 | 2.0 | 2.0 | 2.0 | 16.03 | 20.21 | 5.00 | 0.65 | |
| FENCE ERECTOR | NE | ALL | | 46.89 | 48.89 | 1.5 | 1.5 | 2.0 | 2.0 | 13.68 | 17.42 | 0.00 | 0.75 | |
| FENCE ERECTOR | W | ALL | | 48.83 | 52.74 | 2.0 | 2.0 | 2.0 | 2.0 | 13.31 | 25.25 | 0.00 | 1.28 | |
| GLAZIER | All | BLD | | 48.75 | 50.25 | 1.5 | 2.0 | 2.0 | 2.0 | 15.19 | 24.43 | 0.00 | 1.70 | |
| HEAT/FROST INSULATOR | All | BLD | | 52.80 | 55.97 | 1.5 | 1.5 | 2.0 | 2.0 | 14.77 | 16.76 | 0.00 | 0.86 | |
| IRON WORKER | E | ALL | | 55.81 | 57.81 | 2.0 | 2.0 | 2.0 | 2.0 | 16.05 | 25.31 | 0.00 | 0.49 | |
| IRON WORKER | W | ALL | | 48.83 | 52.74 | 2.0 | 2.0 | 2.0 | 2.0 | 13.31 | 25.25 | 0.00 | 1.28 | |
| LABORER | All | ALL | | 47.40 | 48.15 | 1.5 | 1.5 | 2.0 | 2.0 | 17.05 | 15.21 | 0.00 | 0.90 | |
| LATHER | All | ALL | | 52.01 | 54.01 | 1.5 | 1.5 | 2.0 | 2.0 | 11.79 | 24.76 | 1.50 | 0.80 | |
| MACHINIST | All | BLD | | 53.18 | 57.18 | 1.5 | 1.5 | 2.0 | 2.0 | 9.93 | 8.95 | 1.85 | 1.47 | |
| MARBLE FINISHER | All | ALL | | 38.00 | 51.41 | 1.5 | 1.5 | 2.0 | 2.0 | 12.10 | 19.60 | 0.00 | 0.60 | |
| MARBLE MASON | All | BLD | | 48.96 | 53.86 | 1.5 | 1.5 | 2.0 | 2.0 | 12.10 | 21.03 | 0.00 | 0.78 | |
| MATERIAL TESTER I | All | ALL | | 37.40 | | 1.5 | 1.5 | 2.0 | 2.0 | 17.05 | 15.21 | 0.00 | 0.90 | |
| MATERIALS TESTER II | All | ALL | | 42.40 | | 1.5 | 1.5 | 2.0 | 2.0 | 17.05 | 15.21 | 0.00 | 0.90 | |
| MILLWRIGHT | All | ALL | | 52.01 | 54.01 | 1.5 | 1.5 | 2.0 | 2.0 | 11.79 | 24.76 | 1.50 | 0.80 | |
| OPERATING ENGINEER | All | BLD | 1 | 55.10 | 59.10 | 2.0 | 2.0 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |
| OPERATING ENGINEER | All | BLD | 2 | 53.80 | 59.10 | 2.0 | 2.0 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |
| OPERATING ENGINEER | All | BLD | 3 | 51.25 | 59.10 | 2.0 | 2.0 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |

| | | | | | | | | | | | | | | |
|--------------------------|-----|-----|---|-------|-------|-----|-----|-----|-----|-------|-------|------|------|------|
| OPERATING ENGINEER | All | BLD | 4 | 49.50 | 59.10 | 2.0 | 2.0 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |
| OPERATING ENGINEER | All | BLD | 5 | 58.85 | 59.10 | 2.0 | 2.0 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |
| OPERATING ENGINEER | All | BLD | 6 | 56.10 | 59.10 | 2.0 | 2.0 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |
| OPERATING ENGINEER | All | BLD | 7 | 58.10 | 59.10 | 2.0 | 2.0 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |
| OPERATING ENGINEER | All | FLT | | 41.00 | 41.00 | 1.5 | 1.5 | 2.0 | 2.0 | 20.90 | 17.85 | 2.00 | 2.15 | |
| OPERATING ENGINEER | All | HWY | 1 | 53.30 | 57.30 | 1.5 | 1.5 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |
| OPERATING ENGINEER | All | HWY | 2 | 52.75 | 57.30 | 1.5 | 1.5 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |
| OPERATING ENGINEER | All | HWY | 3 | 50.70 | 57.30 | 1.5 | 1.5 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |
| OPERATING ENGINEER | All | HWY | 4 | 49.30 | 57.30 | 1.5 | 1.5 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |
| OPERATING ENGINEER | All | HWY | 5 | 48.10 | 57.30 | 1.5 | 1.5 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |
| OPERATING ENGINEER | All | HWY | 6 | 56.30 | 57.30 | 1.5 | 1.5 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |
| OPERATING ENGINEER | All | HWY | 7 | 54.30 | 57.30 | 1.5 | 1.5 | 2.0 | 2.0 | 22.15 | 19.30 | 2.00 | 2.55 | |
| ORNAMENTAL IRON WORKER | E | ALL | | 53.32 | 55.82 | 2.0 | 2.0 | 2.0 | 2.0 | 14.23 | 25.00 | 0.00 | 1.75 | |
| ORNAMENTAL IRON WORKER | W | ALL | | 48.83 | 52.74 | 2.0 | 2.0 | 2.0 | 2.0 | 13.31 | 25.25 | 0.00 | 1.28 | |
| PAINTER | All | ALL | | 50.30 | 52.30 | 1.5 | 1.5 | 1.5 | 2.0 | 19.73 | 4.15 | 0.00 | 1.55 | |
| PAINTER - SIGNS | All | BLD | | 41.55 | 46.67 | 1.5 | 1.5 | 2.0 | 2.0 | 3.04 | 3.90 | 0.00 | 0.00 | |
| PILEDRIIVER | All | ALL | | 52.01 | 54.01 | 1.5 | 1.5 | 2.0 | 2.0 | 11.79 | 24.76 | 1.50 | 0.80 | |
| PIPEFITTER | All | BLD | | 53.00 | 56.00 | 1.5 | 1.5 | 2.0 | 2.0 | 11.85 | 22.85 | 0.00 | 2.92 | |
| PLASTERER | All | BLD | | 49.85 | 52.84 | 1.5 | 1.5 | 2.0 | 2.0 | 12.10 | 21.48 | 0.00 | 1.09 | |
| PLUMBER | All | BLD | | 54.80 | 58.10 | 1.5 | 1.5 | 2.0 | 2.0 | 16.70 | 17.04 | 0.00 | 1.58 | |
| ROOFER | All | BLD | | 47.80 | 51.80 | 1.5 | 1.5 | 2.0 | 2.0 | 11.58 | 14.71 | 0.00 | 0.96 | |
| SHEETMETAL WORKER | All | BLD | | 53.33 | 56.00 | 1.5 | 1.5 | 2.0 | 2.0 | 11.85 | 19.43 | 0.00 | 1.59 | 2.54 |
| SPRINKLER FITTER | All | BLD | | 52.25 | 55.00 | 1.5 | 1.5 | 2.0 | 2.0 | 14.20 | 18.60 | 0.00 | 0.75 | |
| STEEL ERECTOR | E | ALL | | 55.81 | 57.81 | 2.0 | 2.0 | 2.0 | 2.0 | 16.05 | 25.31 | 0.00 | 0.49 | |
| STEEL ERECTOR | W | ALL | | 48.83 | 52.74 | 2.0 | 2.0 | 2.0 | 2.0 | 13.31 | 25.25 | 0.00 | 1.28 | |
| STONE MASON | All | BLD | | 49.81 | 54.79 | 1.5 | 1.5 | 2.0 | 2.0 | 12.10 | 21.56 | 0.00 | 1.10 | |
| TERRAZZO FINISHER | All | BLD | | 45.57 | 45.57 | 1.5 | 1.5 | 2.0 | 2.0 | 12.25 | 17.14 | 0.00 | 1.03 | |
| TERRAZZO MASON | All | BLD | | 49.41 | 52.91 | 1.5 | 1.5 | 2.0 | 2.0 | 12.25 | 18.60 | 0.00 | 1.07 | |
| TILE MASON | All | BLD | | 51.44 | 55.44 | 1.5 | 1.5 | 2.0 | 2.0 | 12.25 | 18.48 | 0.00 | 1.08 | |
| TRAFFIC SAFETY WORKER I | All | HWY | | 39.30 | 40.90 | 1.5 | 1.5 | 2.0 | 2.0 | 9.65 | 9.10 | 0.00 | 0.10 | |
| TRAFFIC SAFETY WORKER II | ALL | HWY | | 40.30 | 41.90 | 1.5 | 1.5 | 2.0 | 2.0 | 9.65 | 9.10 | 0.00 | 0.10 | |
| TRUCK DRIVER | All | ALL | 1 | 41.06 | 41.61 | 1.5 | 1.5 | 2.0 | 2.0 | 10.83 | 14.15 | 0.00 | 0.15 | |
| TRUCK DRIVER | All | ALL | 2 | 41.21 | 41.61 | 1.5 | 1.5 | 2.0 | 2.0 | 10.83 | 14.15 | 0.00 | 0.15 | |
| TRUCK DRIVER | All | ALL | 3 | 41.41 | 41.61 | 1.5 | 1.5 | 2.0 | 2.0 | 10.83 | 14.15 | 0.00 | 0.15 | |
| TRUCK DRIVER | All | ALL | 4 | 41.61 | 41.61 | 1.5 | 1.5 | 2.0 | 2.0 | 10.83 | 14.15 | 0.00 | 0.15 | |
| TUCKPOINTER | All | BLD | | 49.53 | 50.53 | 1.5 | 1.5 | 2.0 | 2.0 | 9.04 | 21.06 | 0.00 | 1.07 | |

Legend

Rg Region

Type Trade Type - All, Highway, Building, Floating, Oil & Chip, Rivers

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations DUPAGE COUNTY

IRON WORKERS AND FENCE ERECTOR (WEST) - West of Route 53.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

TRAFFIC SAFETY Worker I

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

TRAFFIC SAFETY WORKER II

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS TECHNICIAN

Low voltage installation, maintenance and removal of telecommunication facilities (voice, sound, data and video) including telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated system digital network), pulling of wire in raceways, but not the installation of raceways.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines;

Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro

Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Diver. Diver Wet Tender, Diver Tender, ROV Pilot, ROV Tender

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the

mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".



Local Public Agency

Wheaton Sanitary District

County

DuPage

Section Number

N/A

☐ Check this box for lettings prior to 01/01/2022.

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>Reference Page No.</u> |
|----------------------|---|---------------------------|
| 1 | <input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts | 1 |
| 2 | <input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts) | 4 |
| 3 | <input type="checkbox"/> EEO | 5 |
| 4 | <input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts | 15 |
| 5 | <input type="checkbox"/> Required Provisions - State Contracts | 20 |
| 6 | <input type="checkbox"/> Asbestos Bearing Pad Removal | 26 |
| 7 | <input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal | 27 |
| 8 | <input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads | 28 |
| 9 | <input type="checkbox"/> Construction Layout Stakes | 29 |
| 10 | <input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing | 32 |
| 11 | <input type="checkbox"/> Subsealing of Concrete Pavements | 34 |
| 12 | <input type="checkbox"/> Hot-Mix Asphalt Surface Correction | 38 |
| 13 | <input type="checkbox"/> Pavement and Shoulder Resurfacing | 40 |
| 14 | <input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal | 41 |
| 15 | <input type="checkbox"/> Polymer Concrete | 43 |
| 16 | <input type="checkbox"/> PVC Pipeliner | 45 |
| 17 | <input type="checkbox"/> Bicycle Racks | 46 |
| 18 | <input type="checkbox"/> Temporary Portable Bridge Traffic Signals | 48 |
| 19 | <input type="checkbox"/> Nighttime Inspection of Roadway Lighting | 50 |
| 20 | <input type="checkbox"/> English Substitution of Metric Bolts | 51 |
| 21 | <input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete | 52 |
| 22 | <input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant | 53 |
| 23 | <input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures | 61 |
| 24 | <input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations | 77 |
| 25 | <input type="checkbox"/> Preventive Maintenance - Bituminous Surface Treatment (A-1) | 79 |
| 26 | <input type="checkbox"/> Temporary Raised Pavement Markers | 85 |
| 27 | <input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam | 86 |
| 28 | <input type="checkbox"/> Portland Cement Concrete Inlay or Overlay | 89 |
| 29 | <input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching | 93 |
| 30 | <input type="checkbox"/> Longitudinal Joint and Crack Patching | 96 |
| 31 | <input type="checkbox"/> Concrete Mix Design - Department Provided | 98 |
| 32 | <input type="checkbox"/> Station Numbers in Pavements or Overlays | 99 |

| | | |
|---------------------------|--------|----------------|
| Local Public Agency | County | Section Number |
| Wheaton Sanitary District | DuPage | N/A |

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 | Reserved | 101 |
| LRS 2 | <input type="checkbox"/> Furnished Excavation | 102 |
| LRS 3 | <input type="checkbox"/> Work Zone Traffic Control Surveillance | 103 |
| LRS 4 | <input type="checkbox"/> Flaggers in Work Zones | 104 |
| LRS 5 | <input type="checkbox"/> Contract Claims | 105 |
| LRS 6 | <input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals | 106 |
| LRS 7 | <input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals | 112 |
| LRS 8 | Reserved | 118 |
| LRS 9 | <input type="checkbox"/> Bituminous Surface Treatments | 119 |
| LRS 10 | Reserved | 123 |
| LRS 11 | <input checked="" type="checkbox"/> Employment Practices | 124 |
| LRS 12 | <input checked="" type="checkbox"/> Wages of Employees on Public Works | 126 |
| LRS 13 | <input checked="" type="checkbox"/> Selection of Labor | 128 |
| LRS 14 | <input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks | 129 |
| LRS 15 | <input checked="" type="checkbox"/> Partial Payments | 132 |
| LRS 16 | <input type="checkbox"/> Protests on Local Lettings | 133 |
| LRS 17 | <input type="checkbox"/> Substance Abuse Prevention Program | 134 |
| LRS 18 | <input type="checkbox"/> Multigrade Cold Mix Asphalt | 135 |
| LRS 19 | <input type="checkbox"/> Reflective Crack Control Treatment | 136 |

SPECIAL PROVISIONS

The following Special Provisions supplement the Illinois Department of Transportation "Standard Specifications for Road and Bridge Construction", adopted January 1, 2022, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the "Supplemental Specifications and Recurring Special Provisions" indicated on the Check Sheets included herein which apply to and govern the proposed improvement designated as **Spring Brook #1 Stream Bank Stabilization**, and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern. The referenced IDOT Standard Specifications can be downloaded at no cost here:

<http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/consultants-resources/>

PUBLIC ACT 96-1064 BUSINESS ENTERPRISE PROGRAM

This project is subject to Public Act 96-1064 Business Enterprise Program which mandates participation by minority business enterprises (MBEs) and women business enterprises (WBEs) as described in the Business Enterprise for Minorities, Females and Persons with Disabilities Act (30 ILCS 575) and the equal employment practices of Section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105).

In compliance with the Illinois Compiled Statutes Chapter 30 – Finance 30 ILCS 575/ - Business Enterprise for Minorities, Females and Persons with Disabilities Act, not less than 10% of the total dollar amount of this contract shall be completed by MBEs and/or WBEs.

The Contractor shall submit signed monthly statements documenting invoices from and payments to MBE and WBE Subcontractors and suppliers. Lien Waivers from all MBE and WBE Subcontractors and suppliers shall also be submitted as documentation of compliance with these requirements as work progresses.

ILLINOIS WORKS JOBS PROGRAM ACT (30 ILCS 559/Art. 20)

This project is subject to the Illinois Works Jobs Program Act which mandates compliance with the Illinois Works Apprenticeship Initiative (30 ILCS 559/20-20 to 20-25) and all applicable administrative rules (see 15 IL Administrative Code Part 680). Apprentices shall perform 10% of the total labor hours worked in each Prevailing Wage classification.

The Contractor shall submit signed monthly statements demonstrating progress toward achieving this requirement.

DEFINITION OF TERMS

Terminology shall conform to Section 101 Definition of Terms of the Standard Specifications except as modified herein.

Modify Article 101.14 as follows: Department shall refer to the Wheaton Sanitary District.

Add the following to Article 101.15: Standard Specifications. The Illinois Department of Transportation "Standard Specifications for Road and Bridge Construction", adopted January 1, 2022, and the "Supplemental Specifications and Recurring Special Provisions" indicated on the Check Sheet included herein.

Modify Article 101.16 as follows: Engineer. The Wheaton Sanitary District's authorized representative.

CONTROL OF WORK

Comply with Section 105 Control of Work of the Standard Specifications except as modified herein.

Add the following to Article 105.03 Conformity with Contract: it is made explicitly clear that the Contractor shall be solely responsible for Quality Control (QC) as necessary to ensure all work is completed in conformance with the plans and specifications. The Contractor shall complete testing, measurements, or other methods acceptable to the Engineer. Provide written documentation of same to the Engineer demonstrating compliance with the plans and specifications. The Engineer will conduct spot checks, random tests, etc. for Quality Assurance (QA). Failure of the Engineer to bring the Contractor's attention to non-conforming work does not relieve the Contractor of their responsibility to complete all work in conformance with the Plans and Project Manual.

Replace Article 105.09 Survey Control Points with the following: A Reference Benchmark is indicated on the plans. It shall be the Contractor's responsibility to recover and maintain this, and others as convenient or necessary, survey control during construction. The Contractor shall provide all layout for the Engineer's approval. The Engineer reserves the right to make minor field adjustments to the layout with no changes in price or time.

CONTROL OF MATERIALS

Comply with Section 106 Control of Materials of the Standard Specifications except as modified herein.

The Contractor's shall submit in writing to the Engineer manufacturer's and/or supplier's product literature and information demonstrating that all materials to be incorporated into the work comply with contract requirements. Any materials incorporated into the work without the

Engineer's approval may not be measured for payment, and may be subject to removal and replacement by the Contractor at no additional cost to Wheaton Sanitary District.

Add the following to Article 106.01 Source of Supply and Quality Requirements: it is made explicitly clear that the Contractor shall be solely responsible for Quality Control (QC) as necessary to ensure all materials are in conformance with the plans and specifications. The Contractor shall complete testing, obtain material certifications from suppliers, or other measures acceptable to the Engineer. Provide written documentation of same to the Engineer demonstrating compliance with the plans and specifications. The Engineer will conduct spot checks, random tests, etc. for Quality Assurance (QA). Failure of the Engineer to bring the Contractor's attention to non-conforming material does not relieve the Contractor of their responsibility to complete all work in conformance with the plans and specifications.

LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC

Comply with Section 107 Legal Regulations and Responsibility to the Public of the Standard Specifications except as modified herein.

Add the following to Article 107.04 Permits and Licenses: The construction site activities of this project shall be conducted by the Contractor in compliance with the following permits and approvals issued for this project:

- Reginal Permit 10 (RP10) issued by the U.S. Army Corps of Engineers (USACE) including in-stream work plan to be prepared by the Contractor
- Soil Erosion and Sediment Control (SESC) approval from the Kane DuPage Soil and Water Conservation District (KDSWCD)
- Stormwater Certification and Building Permit issued by DuPage County

The Engineer will provide copies of the listed permits and approvals to the Contractor after project award.

Contractor shall obtain a Road Use Permit from the Winfield Township Road District prior to commencement of construction for work/encroachment on Township right-of-way. Road Use Permit must include a \$50.00 processing fee and a \$5,000.00 fully refundable cash bond.

NPDES PERMIT: The general construction site activities of this project shall be conducted by the Contractor in compliance with the Illinois Environmental Protection Agency (IEPA) National Pollutant Discharge Elimination System (NPDES) ILR10 permit issued for this project. The Contractor shall prepare and submit the Storm Water Pollution Prevention Plan (SWPPP) and Notice of Intent (NOI) for NPDES coverage. The Contractor shall pay all application fees to IEPA for NPDES coverage. The cost of fees shall be incidental to all other work and no additional compensation will be allowed.

The Contractor shall be responsible for completing all weekly and post-rainfall inspections. Reports describing the results of all inspections shall be prepared by the Contractor and filed in the SWPPP. Reports shall be completed within 24 hours of each inspection. The Contractor shall be responsible for all supplemental documentation required by the NPDES permit including but not necessarily limited to Incidence of Noncompliance (ION), Change of Information (COI), and Notice of Termination (NOT). Said documents shall be submitted to the Engineer for review and approval prior to submittal to IEPA by the Contractor. The Contractor shall implement and maintain erosion and sediment control measures necessary for compliance with the NPDES permit throughout the duration of the work. The Contractor will be solely responsible for compliance with the NPDES permit during the duration of the Contract. A copy of the signed SWPPP, all inspection reports, and other required documents shall be kept on the construction site at all times by the Contractor. The Contractor shall maintain the SWPPP including but not necessarily limited to revisions and other updates as changes are made during construction. The Contractor shall make the SWPPP, all inspection reports, and other referenced documents available upon request by the Engineer or regulatory agencies during construction. The Contractor is solely responsible for compliance with the NPDES permit during the duration of the Contract

Effective October 2, 2020, all Illinois EPA General NPDES Permits for Stormwater Discharges From Construction Site Activities (CGP) will be migrated to the Central Data Exchange (CDX), the USEPA's electronic reporting site. Registration for new accounts can be found at: <https://cdxnodengn.epa.gov/net-cgp/action/login> . Follow the step-by-step instructions provided below or contact the EPA Stormwater Coordinator for assistance. The CDX coordinator can be reached by email at Melissa.parrott@illinois.gov or terri.lemasters@illinois.gov or by phone at (217) 782-0610.

The steps needed to gain access to the CDX are below.

https://cdxnodengn.epa.gov/net-cgp/documents/CGP_SUR_Guide.pdf

Step 1: Register for CDX Account

- Go to: <https://cdxnodengn.epa.gov/net-cgp/action/login>
- Select create a new account
- Select Preparer (Individual who will be viewing and editing forms. Preparers are not authorized to sign and certify forms.
- Fill out all required information and click Submit. Confirm that the information is correct.
- Submit Request for Access – An access code will be emailed to you for verification – Enter the access code – you are now approved to login to NETCGP.

Step 2: Request Access to Permit

- Sign in <https://cdxnodengn.epa.gov/net-cgp/action/login>
- From MyCDX Tab click on Preparer for the Program Service of NETCGP: NeT – NPDES Stormwater Construction General Permit.
- Click Request Permissions to an existing NOI – Search for this NPDES ID (permit Number). Click Request Permissions for this NPDES ID and Project/Site. Preparer should request View and Edit only. IEPA will be notified of the request and you will

receive a copy of the request email. After permission requests have been approved, you will receive an email granting permissions with instructions to log in and, after launching the CGP application, the project/site will be listed on the NeT CGP home page. Information on using the NPDES eReporting Tool (NeT) can be found on the following website: <https://epanet.zendesk.com/>

Step 3: Begin Using NeT NPDES

- Once you have been granted access, you are able to enter. Complete reporting and documentation work as described above in cooperation with the Engineer. For information on any of the related activities, view EPA training materials at the website listed above.

Additional information can be found at:

<https://www2.illinois.gov/epa/topics/forms/water-permits/storm-water/Pages/construction.aspx>

IN-STREAM WORK PLAN: Work within wetlands and Waters of the U.S. shall conform to the requirements of permits issued by the U.S. Army Corps of Engineers (USACE). The Contractor shall prepare an in-stream work plan for all work in wetlands and Waters of the U.S. The in-stream work plan shall be submitted to the Engineer for review and preliminary approval. The Contractor shall then submit their in-stream work plan to the KDSWCD and other regulatory agencies as may be required by permit conditions for acceptance prior to the start of in-stream work. The Contractor shall make revisions to their in-stream work plan required by the KDSWCD and other regulatory agencies. The Contractor shall implement their in-stream work plan after it has been accepted by the KDSWCD and other regulatory agencies. The Contractor is solely responsible for compliance with their in-stream work plan and any KDSWCD and other regulatory agencies requirements during the duration of in-stream Work.

Add the following to Article 107.09 Public Convenience and Safety: Hours of work shall be limited 7:00 a.m. to 7:00 p.m. Monday through Saturday, excluding legal holidays as defined in the Standard Specifications.

Add the following to the second paragraph of Article 107.20 Protection and Restoration of Property: The Contractor shall limit their activities, haul routes, temporary staging areas, and vehicular access throughout the site as shown on the plans or as approved by the Engineer. The Contractor shall plan their work to minimize on-site and off-site disturbances, and shall proactively manage noise, dust, vehicular traffic, and other disturbances to the satisfaction of the Engineer.

Add the following to Article 107.20: The Contractor shall maintain conveyance of all flows during construction of this project. When existing drainage facilities are disturbed, the Contractor shall provide and maintain temporary inlets, outlets, and connections for all private and public drains, sewers, culverts, and other drainage facilities. The Contractor shall provide facilities to take in all storm water which will be received by these drains and sewers, and discharge the same. The Contractor shall provide and maintain a pumping plant, if necessary, and a temporary outlet and be prepared at all times to dispose of water received from these temporary connections until such time that they are no longer necessary or permanent drainage facilities are in service.

Add the following to the last paragraph of Article 107.20: The cost of all materials and equipment required and all labor necessary to comply with the above Provisions will not be paid for separately, but shall be considered as included in the unit bid prices of the contract; no additional compensation will be allowed.

Article 107.26 Indemnification. In addition to the requirements of this Article, for any activity occurring on an easement or any other property not owned by the Wheaton Sanitary District, the indemnification shall also be extended to the property owners and any tenants thereon.

Replace the insurance requirements stipulated in Article 107.27 Insurance with the insurance requirements stipulated in the Terms of Contract with Construction Contractor included herein.

Article 107.39 Contractor's Responsibility for Locating and Protecting Utility Property and Services. In addition to the requirements of this article, the Contractor is to be aware of and protect existing infrastructure. Such infrastructure may include, but is not necessarily limited to, inlets, underdrains, culverts, storm sewers, electric lines, water lines, and related improvements. Any utility locations depicted on the plans are for informational purposes only and are not guaranteed; the Contractor shall make their own investigations and adjust their work accordingly to avoid impacting infrastructure.

DEMOLITION AND DISPOSAL OF CONSTRUCTION DEBRIS

General. The Contractor shall complete all demolition as shown on the plans and as necessary for the work. Work shall conform to Sections 201 and 501 of the Standard Specifications except as modified herein.

The Contractor shall comply with all IEPA requirements regarding the certification and disposal of debris including general construction debris, demolition debris, waste, and clean construction demolition debris.

Method of Measurement. Demolition and disposal of construction debris will not be measured for payment.

Basis of Payment. The cost of demolition and construction debris disposal will not be paid for separately but shall be included in the various items of work.

TRAFFIC CONTROL AND PROTECTION

Description. This work includes the use of barricades, signs, and other traffic control devices as necessary to protect pedestrians, cyclists, and vehicles from all aspects of the work during the life of the project. Traffic control and protection shall be in accordance with this Special Provision; Section 701 Work Zone Traffic Control and Protection of the Standard Specifications; the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways;" any special details contained

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in the Plans or referenced Highway Standards; and LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS check sheet LRS3 Special Provision for Work Zone Traffic Control Surveillance.

Special attention is called to Article 107.09 and the following Highway Standards.

| | |
|--------|--|
| 701001 | Off-Road Operations, 2L, 2W, More Than 15 ft Away |
| 701006 | Off-Road Operations, 2L, 2W, 15' to 24" From Pavement Edge |
| 701011 | Off-Road Moving Operations, 2L, 2W, Day Only |
| 701101 | Off-Road Operations, Multilane, 15' to 24" From Pavement Edge |
| 701106 | Off-Road Operations, Multilane, More Than 15' Away |
| 701301 | Lane Closure, 2L, 2W, Short Time Operations |
| 701311 | Lane Closure, 2L, 2W, Moving Operations – Day Only |
| 701421 | Lane Closure, Multilane, Day Operations Only, For Speeds >45 MPH to 55 MPH |
| 701501 | Urban Lane Closure, 2L, 2W, Undivided |
| 701502 | Urban Lane Closure, 2L 2W, With Bidirectional Left Turn Lane |
| 701601 | Urban Lane Closure, Multilane, 1 W or 2W With Nontraversable Median |
| 701602 | Urban Lane Closure, Multilane, 2W With Bidirectional Left Turn Lane |
| 701606 | Urban Single Lane Closure, Multilane, 2W With Mountable Median |
| 701701 | Urban Lane Closure, Multilane Intersection |
| 701801 | Sidewalk, Corner or Crosswalk Closure |
| 701901 | Traffic Control Devices |

The Contractor is hereby notified that portions of this site may remain open to the public during construction. The Contractor shall be solely responsible for protecting the public from the Contractor's construction activities until final completion. The furnishing, placing, and removal of any temporary barrier, warning device, and/or signage necessary to protect public health, safety, and welfare from construction shall be included whether or not show on the plans or otherwise specified.

Method of Measurement. Traffic control and protection will not be measured for payment.

Basis of Payment. This work will not be paid for separately but shall be included in the various items of work.

MOBILIZATION

Mobilization shall conform to Section 671 Mobilization of the Standard Specifications.

TREE REMOVAL AND TRIMMING

Tree removal and Trimming shall conform to Section 201 of the Standard Specifications except as modified herein.

Modify the first sentence of Article 201.01 Description as follows: This work shall consist of performing the following items within the limits of work as shown on the Plans and as directed by the Engineer.

Add the following to Article 201.01 (a) Clearing: Clearing shall include the removal and disposal of all debris within the project limits regardless of whether the area will be excavated.

Add the following to Article 201.04 Tree Removal: No tree removals, trimming, or brush cutting will be permitted between May 1 and August 30 due to the potential presence of an endangered bird species within the project area.

Omit Articles 201.05 (a) Temporary Fencing and 201.05 (b) Tree Truck Protection.

Omit Articles 201.06 (a) (1) Fertilizer Nutrients and 201.06 (a) (2) Supplemental Watering.

Modify Article 201.06 (b) Tree Pruning. Branch pruning may be completed outside of the specified window with Engineer's approval.

Modify Article 201.10 Method of Measurement. Plan quantity shall be used for all work included in this Special Provision.

Modify Article 201.11 Basis of Payment. The cost of Tree Removal and Trimming will be paid for at the unit price per acre for TREE REMOVAL in the Schedule of Prices.

TEMPORARY HAUL ROAD (14' WIDE X 230' WOOD MATS)

Description: Work includes furnishing, installing, maintaining, staging, and removing timber matting to be used as a temporary haul road on non-paved surfaces.

Materials: Timber matting shall be TerraLam mats by Sterling Solutions LLC or approved equal.

General: Temporary haul route shall be constructed of timber matting used to minimize soil disturbance and compaction whenever a haul route traverses a non-paved surface or as directed by the Engineer. Work shall conform to manufacturer's recommendations and shall at all times be acceptable to the Engineer. Remove and replace any damaged matting that no longer meets the requirements of this special provision.

Method of Measurement: Temporary haul road shall be measured for payment in place along the longitudinal centerline of the timber matting. Each complete Temporary Haul Road must be 14' in width x 230' in length to qualify for measurement. Shorter lengths may be necessary and will be measured for payment in fractions of a complete Temporary Haul Route (e.g., 46' equal to 0.2 Temporary Haul Route) as long as the width of 14' is maintained. Any Temporary Haul Route less than 14' in width will not be measured for payment unless approved by the Engineer.

Basis of Payment: The cost of Temporary Haul Road (14' Wide x 230' Wood Mats) will be paid for at the unit price per each for TEMPORARY HAUL ROAD in the Schedule of Prices.

SILT CURTAIN PLACEMENT, MAINTENANCE AND STAGING

Description: Work includes furnishing, installing, maintaining, staging, and removing floating silt curtain as shown on the Plans and as directed by the Engineer.

Materials: As indicated on the Plans and as approved by the Engineer.

General: Silt curtain to be installed prior to land disturbing activities that could result in a discharge of sediment or debris into Waters of the U.S. Work shall conform to manufacturer's recommendations and shall at all times be acceptable to the Engineer. Remove and replace any damaged silt curtain that no longer meets the requirements of this special provision. Sediment and/or debris trapped by the silt curtain shall be removed and properly disposed of prior to removal of the silt curtain; sediment and/or debris trapped by the silt curtain shall not be returned to the waterway.

Method of Measurement: Silt curtain placement, maintenance and staging will be measured for payment in place along the top centerline of the in-place installation. Any overlapped, bunched up, or otherwise unused and nonfunctioning material will not be measured for payment.

Basis of Payment: The cost of Silt Curtain Placement, Maintenance and Staging will be paid for at the unit price per linear foot for SILT CURTAIN in the Schedule of Prices.

ROLLED EROSION CONTROL PRODUCT

Description: Work includes furnishing, installing, maintaining, and removing a straw wattle or rolled excelsior product staked in place to intercept a sheet flow of water borne sediment and prevent it from leaving the construction area or discharging into Waters of the U.S.

Materials: As indicated on the Plans and as approved by the Engineer.

General: Work shall conform to manufacturer's recommendations and shall at all times be acceptable to the Engineer. Remove and replace any damaged rolled erosion control product that no longer meets the requirements of this special provision. Sediment and/or debris trapped by the rolled erosion control product shall be removed and properly disposed of prior to removal of the rolled erosion control product.

Method of Measurement: Rolled erosion control product will be measured for payment in place along the top centerline of the in-place installation.

Basis of Payment: The cost of Rolled Erosion Control Product will be paid for at the unit price per linear foot for ROLLED EROSION CONTROL in the Schedule of Prices.

HIGH VISIBILITY CONSTRUCTION FENCE

Description: Work includes furnishing, installing, maintaining, and removing high visibility construction fence supported by metal posts.

Materials: Fence fabric shall be 4 feet tall, standard heavy-duty orange colored plastic safety fence with an open area of approximately 50%. Fence posts shall be standard metal t-posts not less than 6 feet long. Ties to secure fence fabric to posts shall be plastic zip-types, wire, or similar material approved by the Engineer.

General: High visibility construction fence shall be installed as indicated on the Plans and as directed by the Engineer. Fence posts shall be driven not less than 18 inches into the ground, spaced not more than 6 feet on center, and shall be maintained in an upright plumb position. Fence fabric to be secured to posts with a minimum of three ties per post.

Method of Measurement: High visibility construction fence will be measured for payment in place along the centerline of the in-place installation from post to post. Any sags or gapes in fence fabric will not be included in the measurement.

Basis of Payment: The cost of High Visibility Construction Fence will be paid for at the unit price per linear foot for HIGH-VIS FENCE in the Schedule of Prices.

SILT FENCE (AS NEEDED)

Description: Work includes furnishing, installing, maintaining, and removing silt fence to intercept a sheet flow of water borne sediment and prevent it from leaving the construction area or discharging into Waters of the U.S.

Materials: As indicated on the Plans and as approved by the Engineer.

General: Work shall conform to the Plans and shall at all times be acceptable to the Engineer. Remove and replace any silt fence that no longer meets the requirements of this special provision. Sediment and/or debris trapped by the silt fence shall be removed and properly disposed of prior to removal of the silt fence.

Method of Measurement: Silt fence will be measured for payment in place along the top centerline of the in-place installation.

Basis of Payment: The cost of Silt Fence (As Needed) will be paid for at the unit price per linear foot for SILT FENCE in the Schedule of Prices.

EARTH EXCAVATION AND HAUL OFFSITE

Description: This work includes all earth and rock excavation, shaping, and haul off and disposal of spoils necessary to complete the project in substantial conformance with the plans. This work shall conform to the requirements of Section 203 Channel Excavation of the Standard Specifications except as modified herein.

Modify Article 203.03 Clearing, Tree Removal, and Protection of Existing Plant Material as follows: Prior to the start of excavation operations, all clearing, tree removal, and protection of existing plant materials shall be performed according to the Tree Removal and Trimming special provision. Erosion and sediment control practices including but not necessarily limited to Temporary Haul Road, Silt Curtain Placement, Rolled Erosion Control Product, and Silt Fence shall be in place prior to the commencement of excavation.

Add the following to Article 203.04 Excavation: The Contractor shall remove and properly dispose of all surplus material resulting from excavation operations. Other than where specifically called for in the plans, there shall be no temporary or permanent fills placed within Regulatory Floodway or Floodplain, wetlands, or waters. Direct loading of excavated material into trucks may be required. Any excavation volumes given on the plans are for the Contractor's convenience and are not guaranteed. The Contractor shall make their own assessment of excavation, haul off, and disposal as necessary to construct the project to the lines and grades given on the Plans. The cost of haul off and disposal shall be included in the work.

Modify Article 203.05 Method of Measurement as follows: Excavation will be measured for payment in place in linear feet of excavation as shown on the plans. For purposes of this contract, the estimated total length of stream bank to be excavated by Plan sheet is as follows.

| Sheet No. | Station | Side | Linear Feet of Excavation |
|-----------|----------------|------|---------------------------|
| 5 | 0+00 to 5+00 | West | 375' |
| 5 | 0+00 to 5+00 | East | 400' |
| 6 | 5+00 to 11+00 | West | 350' |
| 6 | 5+00 to 11+00 | East | 515' |
| 7 | 11+00 to 17+00 | West | 135' |
| 7 | 11+00 to 17+00 | East | 280' |
| 8 | 17+00 to 23+00 | West | 125' |
| 8 | 17+00 to 23+00 | East | 110' |
| 9 | 23+00 to 26+50 | West | 275' |
| 9 | 23+00 to 26+50 | East | 15' |

Modify Article 203.06 Basis of Payment as follows: This work will be paid for at the unit price per linear foot for STREAMBANK GRADING in the Schedule of Prices.

12 OZ NONWOVEN GEOTEXTILE FABRIC

12 Oz Nonwoven Geotextile Fabric shall conform to Section 282 of the Standard Specifications except as modified herein.

Modify Article 282.02 Materials as follows: A nonwoven geotextile fabric made up of polypropylene fibers meeting the following Minimum Average Roll Values such as TerraTex N12E manufactured by Hanes Geo Components or approved equal.

1. Weight: 12.0 oz/square yard
2. Grab Tensile: 330 lbs
3. Trapezoidal Tear: 125 lbs
4. Permeability: 0.30 cm/sec
5. AOS: 100 US Std. Sieve

Modify Article 282.09 Basis of Payment. The cost of 12 Oz Nonwoven Geotextile Fabric will be paid for at the unit price per square yard for GEOTEXTILE FABRIC in the Schedule of Prices.

RIPRAP RR3

Description: Work shall conform to Section 281 of the Standard Specifications except as modified herein.

Modify Article 281.02 Materials as follows: Riprap shall be limestone meeting the requirements of Article 1005.01, Quality A, gradation RR 3. Broken concrete will not be allowed.

Add the following to Article 281.04 Placing: Filter fabric will be required under all stone riprap. Riprap shall be placed to the lines, grades, and thicknesses shown on the plans. The minimum thickness of the riprap section shall be 8 inches.

Modify Article 281.06 Method of Measurement as follows: Riprap will be measured for payment in place based upon weight tickets provided by the Contractor for each load. The Engineer reserves the right to conduct yield checks. If the Engineer determines more material than specified is being placed by the Contractor through yield checks, the theoretical yield may be used for measurement.

Modify Article 281.07 Basis of Payment as follows: The cost of Riprap RR3 will be paid for at the unit price per ton for RIP RAP RR3 in the Schedule of Prices.

8" TOPSOIL FURNISH AND PLACE

8" Topsoil Furnish and Place shall conform to Section 211 of the Standard Specifications except as modified herein.

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Modify the first sentence of Article 211.02 Materials as follows: The Contractor shall furnish clean topsoil meeting the requirements of Article 1081.05(a).

Modify Article 211.03 Furnishing and Excavating Topsoil. All topsoil shall be furnished from off-site sources.

Modify Article 201.10 Method of Measurement. Topsoil shall be measured for payment in place based upon truck counts or shipping tickets provided by the Contractor for each load. The Engineer reserves the right to conduct yield checks. If the Engineer determines more material than specified is being placed by the Contractor through yield checks, the theoretical yield may be used for measurement.

Modify Article 201.11 Basis of Payment. The cost of 8" Topsoil Furnish and Place will be paid for at the unit price per cubic yard for TOPSOIL F&P 8" in the Schedule of Prices.

SEEDING SIDE SLOPES
SEEDING TOP OF BANKS

Description: This work consists of seed bed preparation, and furnishing and planting seed. All work shall conform to Section 250 of the Standard Specifications except as modified herein.

Modify Article 250.02 Materials as follows: All seed quantities shall be provided as pure live seed (PLS); adjust bulk quantities as necessary to achieve PLS rates.

Modify Article 250.04 Fertilizer and Agricultural Ground Limestone Application as follows: Fertilizer and agricultural ground limestone are not required.

Add the following to Article 250.05 Seed Bed Preparation: All areas to be seeded shall be worked to eliminate crusting, glazing, and compaction to create a seedbed suitable for germination and growth of vegetation. Existing herbaceous weeds, and woody weeds including, but not limited to, buckthorn (*Rhamnus* spp.) and sandbar willow (*Salix interior*) less than six inches (6") diameter at breast height, debris, gravel, and other foreign matter shall be removed and properly disposed of by the Contractor.

Modify Article 250.06 Seeding Methods as follows: Contractor shall work to ensure even and thorough distribution of seed. Seed shall be lightly incorporated into the topsoil. Seeding method(s) shall be subject to Engineer's review and approval.

Add the following to Article 250.07 Seeding Mixtures: Seed mixtures shall be as specified on the plans. Planting times shall be January 1 to June 15 and October 15 to December 31. Neither soil preparation nor seeding shall be conducted when the ground is inundated, snow is present, or the ground is frozen or otherwise unworkable, as determined by the Engineer.

Omit Article 250.08 Selective Mowing Stakes. Selective mowing stakes will not be required.

Modify Article 250.09 Method of Measurement as follows: Seeding will be measured for payment in place.

Modify Article 250.10 Basis of Payment as follows: The cost of Seeding Side Slopes will be paid for at the unit price per acre for SEEDING SIDE SLOPES in the Schedule of Prices. The cost of Seeding Top of Banks will be paid for at the unit price per acre for SEEDING TOP OF BANKS in the Schedule of Prices.

EROSION CONTROL BLANKET (SIDES OF BANK)

EROSION CONTROL BLANKET (TOP OF BANK)

Description: This work consists of furnishing and installing straw erosion control blanket with biodegradable netting. All work shall conform to the requirements of Section 251 Mulch of the Standard Specifications except as modified herein.

Modify Article 251.02 Materials as follows: Erosion Control Blanket (Sides of Bank) shall be 100% biodegradable stitched double net straw blanket such as S150BN by North American Green or approved equal meeting the following requirements: matrix 100% straw, weight 1.85 lbs per square foot. Erosion Control Blanket (Top of Bank) shall be 100% biodegradable stitched single net straw blanket such as S75BN by North American Green or approved equal meeting the following requirements: matrix 100% straw, weight 1.60 lbs per square foot.

Modify Article 251.04 Erosion Control Blanket as follows: Only materials meeting the requirements of this section and approved by the Engineer shall be used. Install erosion control blanket on the same day seed is planted. Follow all of manufacturer's directions including staple pattern and density, keying in, and other requirements for successful application. Re-secure or replace any erosion control blanket that becomes displaced prior to establishment of vegetative cover.

Modify Article 251.06 Method of Measurement as follows: Erosion control blanket will be measured for payment in place. Folds, overlaps, and key ins will not be included; only the actual surface area covered will be measured.

Modify Article 251.07 Basis of Payment as follows: The cost of Erosion Control Blanket (Sides of Bank) will be paid for at the unit price per square yard for ECB SIDES OF BANK in the Schedule of Prices. The cost of Erosion Control Blanket (Top of Banks) will be paid for at the unit price per square yard for ECB TOP OF BANK in the Schedule of Prices.

MONITORING AND MAINTENANCE w/ REPORTING (3 YEAR)

Description: Work includes conducting adaptive management activities as necessary to ensure vegetation performance standards in the Plans are met. The Engineer will complete monitoring and reporting.

Definitions. The following terms used in this special provision are defined below.

- A. Herbicide: A chemical compound used to kill weeds, including root system.
- B. Weeds: Ecologically objectionable and undesirable species of vegetation in a given area. Specifically:
 - 1. Any species not native to DuPage County, Illinois, as defined in the text Flora of the Chicago Region (2017) shall be considered a weed.
 - 2. The following low quality and/or aggressive species shall also be considered weeds:
 - a. *Acer negundo* – Boxelder (excluding trees preserved as part of the project)
 - b. *Acer saccharinum* – Silver maple (excluding trees preserved as part of the project)
 - c. *Amaranthus hybridus* – Green amaranth
 - d. *Ambrosia* spp. – Ragweed
 - e. *Cornus racemosa* – Gray dogwood
 - f. *Equisetum arvense* – Horsetail
 - g. *Erigeron annuus* – Annual fleabane
 - h. *Juniperus* spp. – Juniper
 - i. *Lactuca canadensis* – Wild lettuce
 - j. *Lepidium virginicum* – Common peppergrass
 - k. *Oxalis stricta* – Common wood sorrel
 - l. *Plantago rugelii* – Red-stalked plantain
 - m. *Populus deltoides* – Cottonwood (excluding trees preserved as part of the project)
 - n. *Potentilla norvegica* – Rough cinquefoil
 - o. *Rhus glabra* – Smooth sumac
 - p. *Rhus typhina* – Staghorn sumac
 - q. *Solanum ptychanthum* – Black nightshade
 - r. *Solidago altissima* – Tall goldenrod
 - s. *Solidago canadensis* – Canada goldenrod
 - t. *Toxicodendron radicans* – Poison Ivy
 - u. *Verbena bracteata* – Creeping vervain

Schedule. Adaptive management shall commence immediately following installation of seed and plants, and shall continue for three years or until all vegetation performance standards are met, whichever is longer.

Materials. All materials used during the completion of this work shall meet or exceed those originally specified for this project or as approved by the Engineer.

Requirements. The Contractor shall conduct adaptive management within project limits to ensure all are met. The Contractor shall make their own assessments and plan their work accordingly. The Engineer will provide results of monitoring but is not responsible for directing the Contractor's work.

Adaptive management shall be conducted to encourage the growth of desirable species and control the growth of undesirable weeds. The Contractor shall be solely responsible for determining what work, materials, means, and methods are necessary to meet the vegetation performance standards.

- A. Contractor shall guarantee that vegetation performance standards will be met within the given timeframes.
- B. If vegetation performance standards are not met within given timeframes, the Contractor shall perform additional work and/or continue work at their own expense until such time as all vegetation performance standards have been met. Payments may be withheld if vegetation performance standards are not met.
- C. Final acceptance shall be granted after the term of the required monitoring and management has passed and all vegetation performance standards have been met.

Complete management activities, including but not limited to the following, as necessary to meet all vegetation performance standards.

- A. Herbicide application
 - 1. The Contractor shall selectively control weeds with an approved herbicide.
 - 2. Care shall be taken not to affect surrounding desirable vegetation. The Contractor shall be required to replace any vegetation affected by their herbicide other than weeds.
- B. Selective mowing
 - 1. Selectively mow or weed whip weeds or cover crop to minimize competition and prevent reseeding.
 - 2. Ensure cut vegetation does not drop seed or smother desirable vegetation. Remove and properly dispose of cut vegetation as necessary.
 - 3. Care shall be taken not to affect surrounding desirable vegetation. The Contractor shall be required to replace any vegetation affected other than that which was approved.
- C. Prescribed controlled burning
 - 1. Prescribed controlled burning may be employed as a management and weed control tool at the project site with authorization from the Engineer.
 - 2. Prior to the commencement of prescribed controlled burning, the Contractor shall compile a burn plan that outlines a plan of action, identifies contingencies, and lists the names and contact information of local emergency agencies. Proper notice of intent to burn shall be given by the Contractor to all affected parties.
 - 3. The Contractor shall apply for and receive all required permits prior to the commencement of prescribed controlled burning. Provide copies of permits to the Engineer prior to conducting prescribed controlled burning.
- D. Seeding

1. Complete supplemental seeding as necessary to achieve performance criteria.
- E. Planting
1. Complete supplemental planting as necessary to achieve performance criteria.
- F. Erosion and sediment control
1. Repair erosion within the work area including washouts, rills, gullies, and other soil loss as necessary to achieve performance criteria.
 2. Remove sediment accumulations resulting from erosion which affect performance.
- G. Watering
1. Provide temporary irrigation as necessary during dry periods for seeding and planting work to establish and/or sustain growth necessary to achieve vegetation performance standards.

Method of Measurement: Monitoring and maintenance w/ reporting (3 year) will be measured for payment by vegetation monitoring conducted by the Engineer.

Basis of Payment: The cost of Monitoring and Maintenance w/ Reporting (3 Year) will be paid for at the unit price per year for NATURAL AREA MGMT in the Schedule of Prices. Payment will be made according to the following schedule.

- (a) Initial Payment. Up to 67% of the unit price per year of monitoring and maintenance w/ reporting may be paid during the growing season as adaptive management work is completed.
- (b) Final Payment. Upon completion of monitoring and confirmation that ALL annual vegetation performance standards for the given year have been met, the remaining amount of the annual cost of monitoring and maintenance w/ reporting will be paid. If annual vegetation performance criteria are not met, the remaining amount will be withheld until all such vegetation performance standards are met.

CONSTRUCTION LAYOUT, STAKING AND AS-BUILTS

Description: This work consists of construction layout and staking, and preparation of as-built drawings demonstrating substantial conformance with the Plans and any approved changes. Construction layout and staking shall conform to the requirements of Check Sheet #9 Special Provision for Construction Layout Stakes of the Standard Specifications except as modified herein.

Modify Check Sheet #9 Special Provision for Construction Layout Stakes – Description as follows: Contractor shall use the Reference Benchmark given on the plans in their layout and staking of the project. Any reference to layout by the Engineer in the Plans shall be considered void and superseded by this special provision.

Modify Check Sheet #9 Special Provision for Construction Layout Stakes – Responsibility of the Department as follows: Omit Articles (a) through (h).

Modify Check Sheet #9 Special Provision for Construction Layout Stakes – Responsibility of the Contractor as follows: Omit Articles (b), (c), and (f).

As-Builts. As-built record drawings shall be submitted to the Engineer in digital PDF format. Other materials shall be subject to Engineer's review and approval. As-built record drawings must be prepared under the direct supervision of, and be signed and sealed by, an Illinois licensed Professional Engineer (PE) or Professional Land Surveyor (PLS). As-built record drawings shall include surveyed spot elevations clearly annotated on project grading plans. The spot elevations shall be at a frequency and distribution to adequately illustrate all work was completed in substantial conformance with the approved plans.

Modify Check Sheet #9 Special Provision for Construction Layout Stakes – Measurement and Payment as follows: The cost of Construction Layout, Staking and As-Builts will be paid for at the lump sum price for LAYOUT & AS-BUILTS in the Schedule of Prices. Payment will be made according to the following schedule.

- (a) Initial Payment. As construction layout and staking progresses, up to 50% of the lump sum price for LAYOUT & AS-BUILTS may be paid.
- (b) Final Payment. Upon receipt of approved as-built record drawings, the remaining amount of the lump sum price for LAYOUT & AS-BUILTS will be paid.

TREE PROTECTION

Description: Work includes constructing temporary fencing to protect existing trees to remain.

Materials: Fence fabric shall be 4-foot non-treated wood lath snow fence or wire mesh fencing. Posts shall be 6-foot steel posts or 2" x 2" (nom.) wood posts. Ties to secure fence fabric to posts shall be plastic zip-types, wire, or similar material approved by the Engineer

General: The Contractor shall manually erect a temporary fence as designated on the plans or where directed by the Engineer. The temporary fence shall conform to the typical detail on the Plans and as directed by the Engineer. Fence shall be removed after excavation is complete and prior to commencement of seeding operations.

Method of Measurement: Tree protection shall be measured for payment in place as each individual application of tree protection constructed in conformance with contract requirements.

Basis of Payment: The cost of Tree Protection will be paid for at the unit price per each for TREE PROTECTION in the Schedule of Prices.

NATIVE TREES

NATIVE SHRUBS

Description: This work consists of furnishing and planting woody plants. The work shall also include mulching, watering, weeding, and replacements as required. All work shall conform to the requirements of Section 253 Planting Woody Plants of the Standard Specifications except as modified herein.

Add the following to Article 253.02 Materials: Plants shall be true to their species and of the size and condition indicated on the plans. All 5 gallon (i.e., #5 container) shrubs shall be at least 18" in height. All 5 gallon (i.e., #5 container) trees shall be at least 48" in height.

Modify Article 253.11 Mulch Cover as follows: Weed barrier fabric is not required. All plants shall be mulched within 24 hours of planting.

Omit Article 253.12 Wrapping: Wrapping is not required.

Replace Article 253.14 Period of Establishment with the following: 100% of all native trees and shrubs shall be alive at the end of the third year of monitoring and management, or whatever additional time is necessary to meet all vegetative performance standards. During this time, the plants shall ensure a period of establishment. To qualify for final acceptance at the end of the monitoring and management period, plants must be in a live healthy condition representative of their species. Plants that are 50% or more dead, as determined by the Engineer, at any time during the period of establishment shall be removed immediately and replaced during the soonest acceptable planting time at no additional cost. Plant material that is 50% or more dead within 15 days after planting shall be removed and replaced at that time.

Modify Article 253.16 Method of Measurement as follows: Tree and shrub planting will not be measured for payment.

Modify Article 253.17 Basis of Payment as follows: This work will not be paid for separately but shall be included in the various items of work.

PROJECT SIGNAGE

Description: Project signage will be furnished and installed by Wheaton Sanitary District.

GUARDRAIL

Description: This work consists of furnishing and installing guard rail and appurtenances. Work shall include the following.

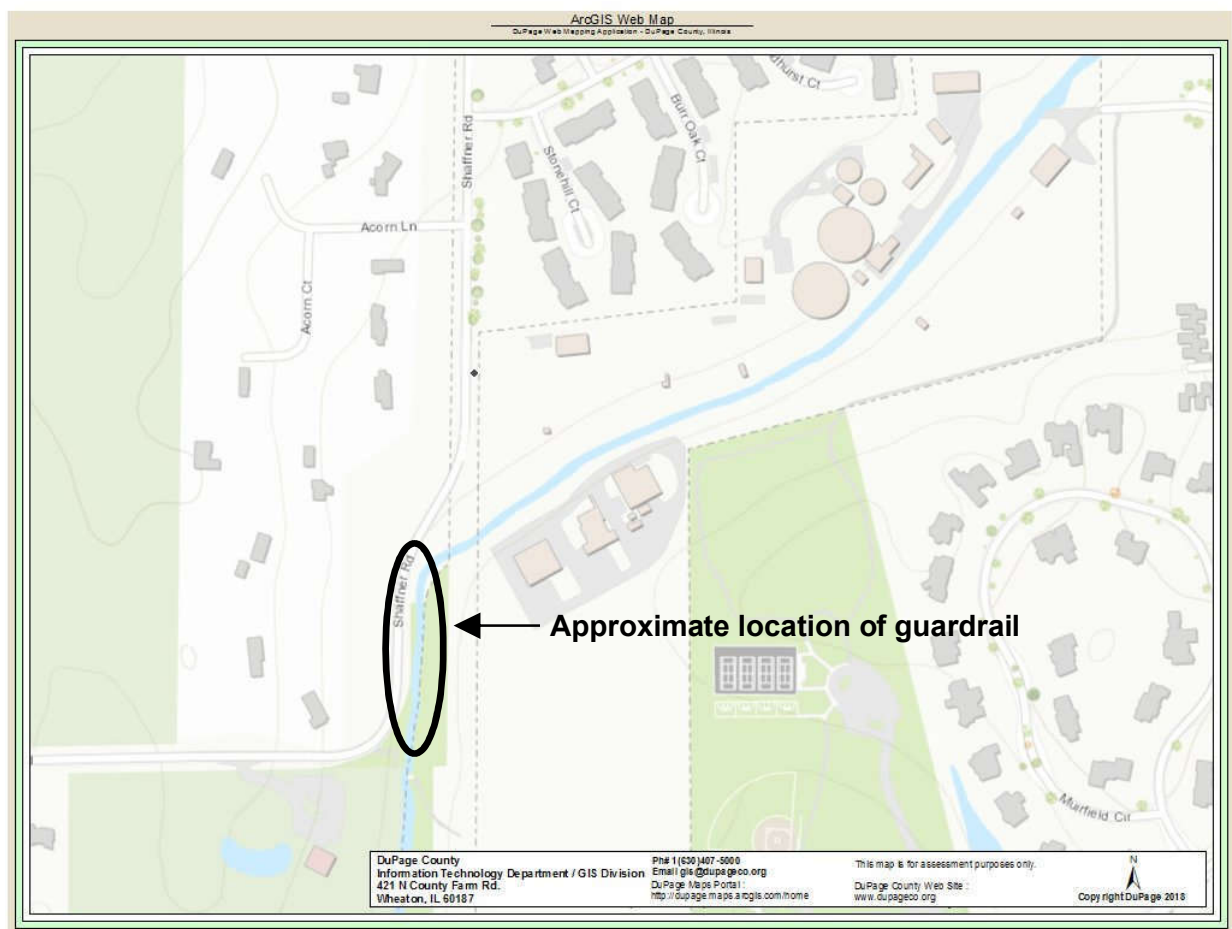
1. 488 feet of Steel Plate Beam Guardrail, Type A, 6 Foot Posts. All work shall conform to the requirements of Section 630 Steel Plate Beam Guardrail of the Standard Specifications

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except as modified herein.

2. 1 each Traffic Barrier Terminal, Type 1 (Special) Tangent. All work shall conform to the requirements of Section 631 Traffic Barrier Terminals of the Standard Specifications except as modified herein.
3. 39 each Guardrail Markers, Type A and 1 each Terminal Marker-Direct Applied. All work shall conform to the requirements of Section 782 Reflectors of the Standard Specifications except as modified herein.

Location of Work: This work shall be performed on the east side of Shaffner Road adjacent to the project area. General reference map provided below. Specific location per Engineer.



Method of Measurement: Guardrail will not be measured for payment.

Basis of Payment: The cost of Guardrail will be paid for at the unit price per each for GUARDRAIL in the Schedule of Prices.



Edge of
pavement

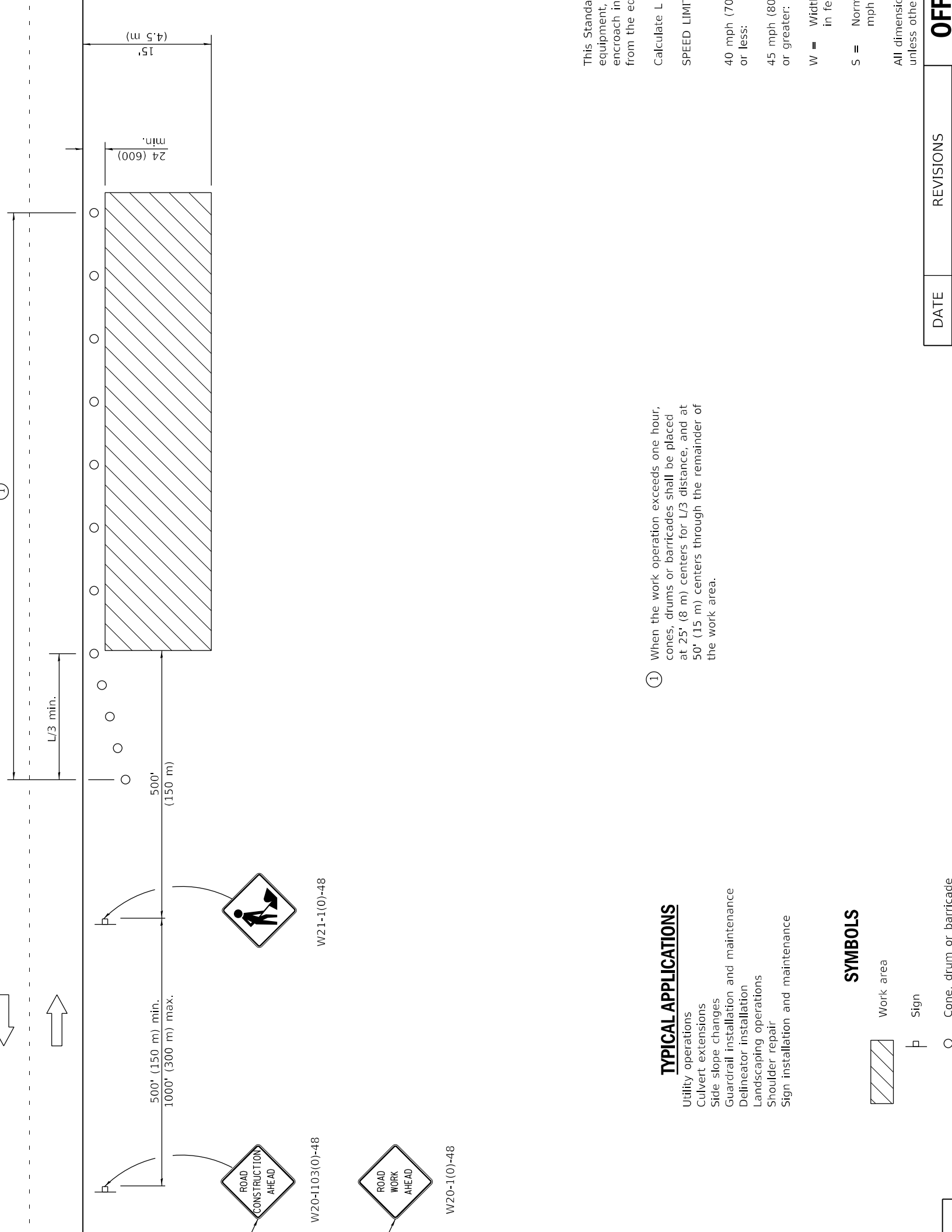


TYPICAL APPLICATIONS

- Landscaping work
- Utility work
- Fencing contracts and maintenance
- Cleaning culverts

This Standard applies to all vehicles, equipment, and materials used on the pavement. When the work zone in any area is according to the standard, all dimensions shall be as shown unless otherwise specified.

| DATE | REVISIONS |
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① When the work operation exceeds one hour, cones, drums or barricades shall be placed at 25' (8 m) centers for L/3 distance, and at 50' (15 m) centers through the remainder of the work area.

TYPICAL APPLICATIONS

- Utility operations
- Culvert extensions
- Side slope changes
- Guardrail installation and maintenance
- Delineator installation
- Landscaping operations
- Shoulder repair
- Sign installation and maintenance

SYMBOLS

- Work area
- Sign
- Cone, drum or barricade

This Standard
equipment,
encroach in
from the ec

Calculate L

SPEED LIMIT

40 mph (70
or less:

45 mph (80
or greater:

W = Width
in fe

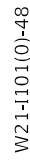
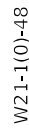
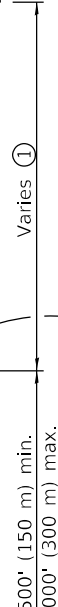
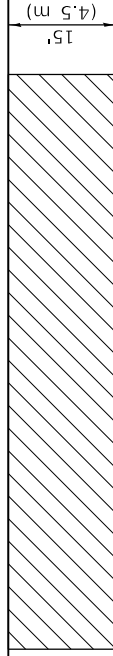
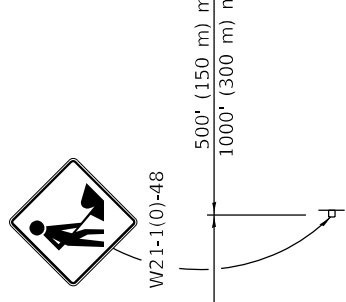
S = Norm
mph

All dimension
unless othe

DATE

REVISIONS

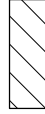
OFF



TYPICAL APPLICATIONS

Shoulder work
Utility operations

SYMBOLS



Work area

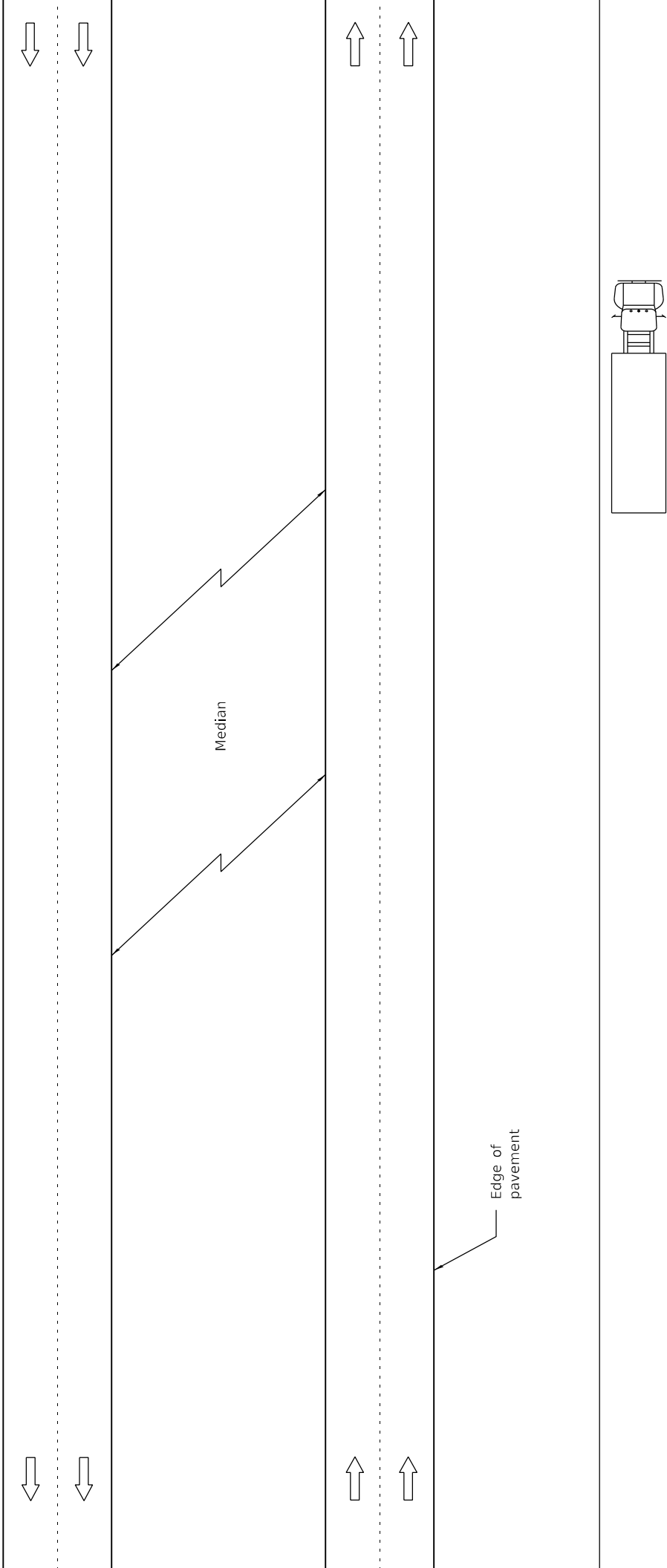
① Minimum distance is 200' (60 m). Maximum distance to be determined by the Engineer but should not exceed $\frac{1}{2}$ the length required for one normal working day's operation, or 4 miles (6.4 km) whichever is less.

This Standard vehicle, equipped with an in-cab operation speed is 1

When the w
minutes, tra
Standard 700

All dimensions
unless otherwise

| DATE | REVISIONS |
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TYPICAL APPLICATIONS

- Landscaping work
- Utility work
- Fencing contracts

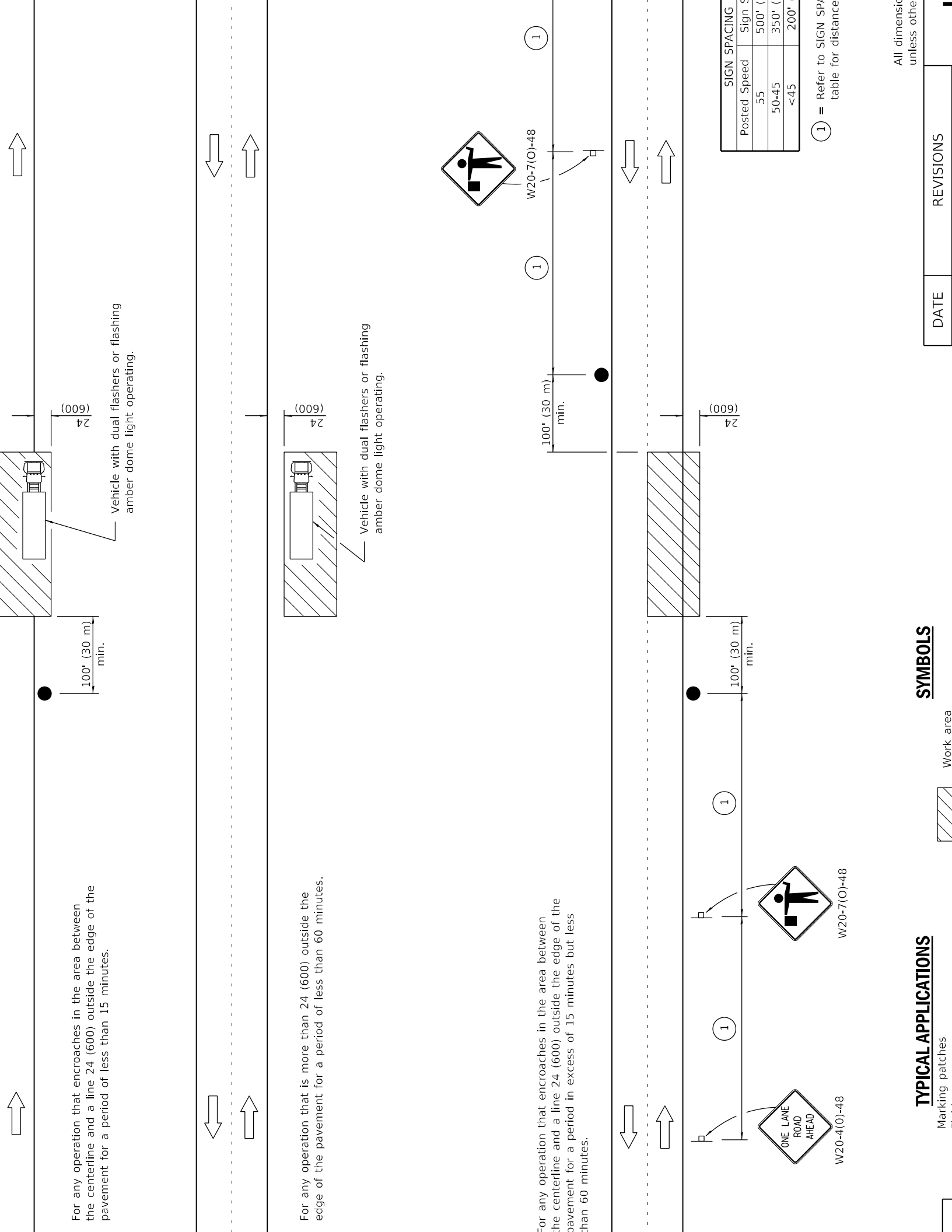
This Standard is for use on roads with vehicles, equipment, or materials that are more than 10 feet wide or high from the pavement.

When the width of the work zone is less than the width of the lane, the work zone should be placed in the center of the lane according to the width of the work zone.

This Standard is for use on roads with the median or shoulder pavement.

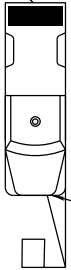
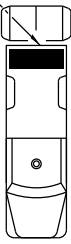
All dimensions are in feet unless otherwise noted.

| REVISIONS | | DATE | DESCRIPTION |
|-----------|--|------|-------------|
| OFFICIAL | | | |





G20-I101-2430
(appropriate arrow)



R4-7a-2430

200' (60 m)
min. *

* Distance varies depending on traffic volume,
and susceptibility of pavement to cracking,
or crack sealant to wheel track

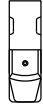
TYPICAL APPLICATIONS

- Landscaping work
- Utility work
- Pavement marking
- Weed spraying
- Roadometer measurements
- Debris cleanup
- Crack pouring

SYMBOLS



Arrow board (Hazard Mode only)



Truck with headlights, emergency
flashers and flashing amber light.
(visible from all directions)



18x18 (450x450) min. orange flag
(use when guide wheel is used)



Truck mounted attenuator

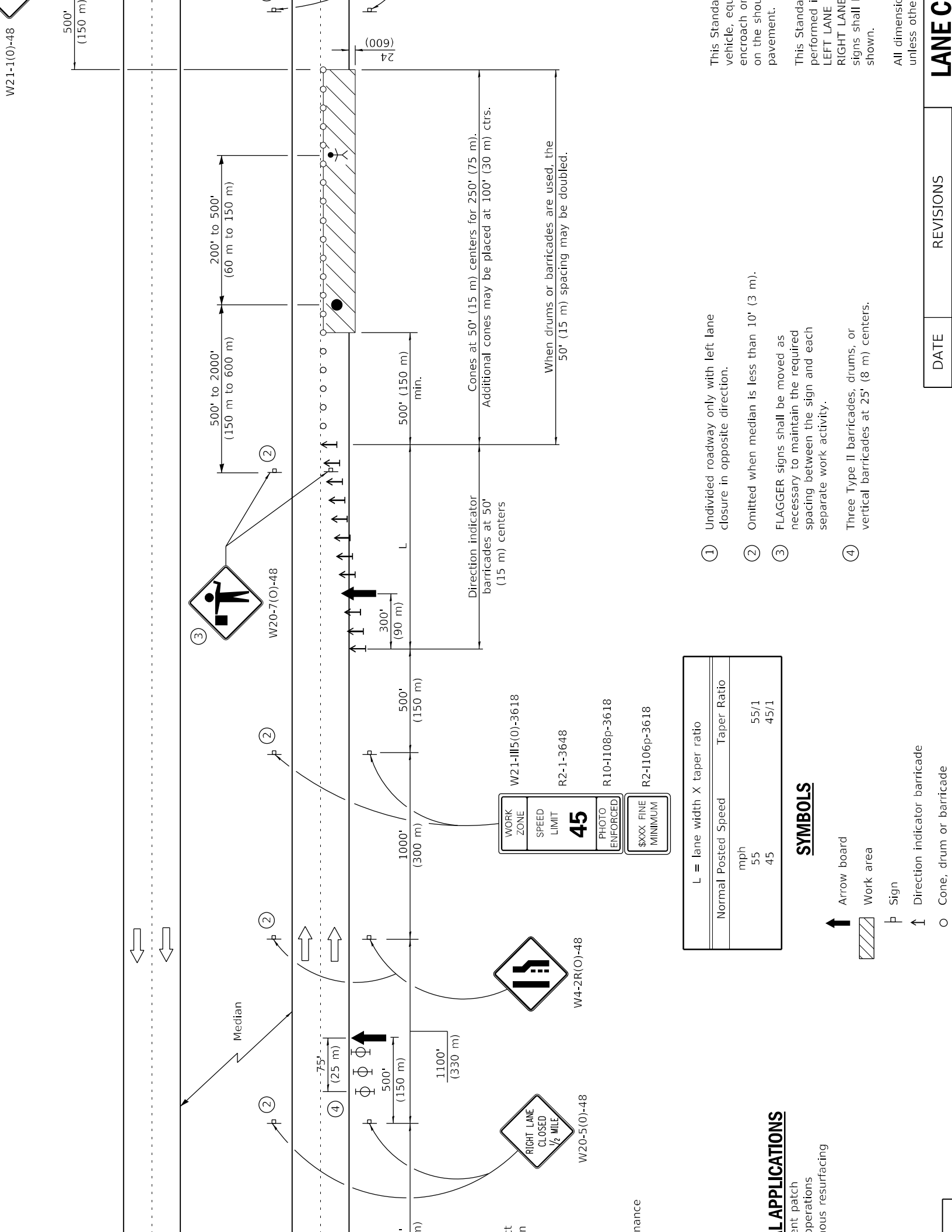
This Standard
equipment,
require a copy
the average
(5 km/h).

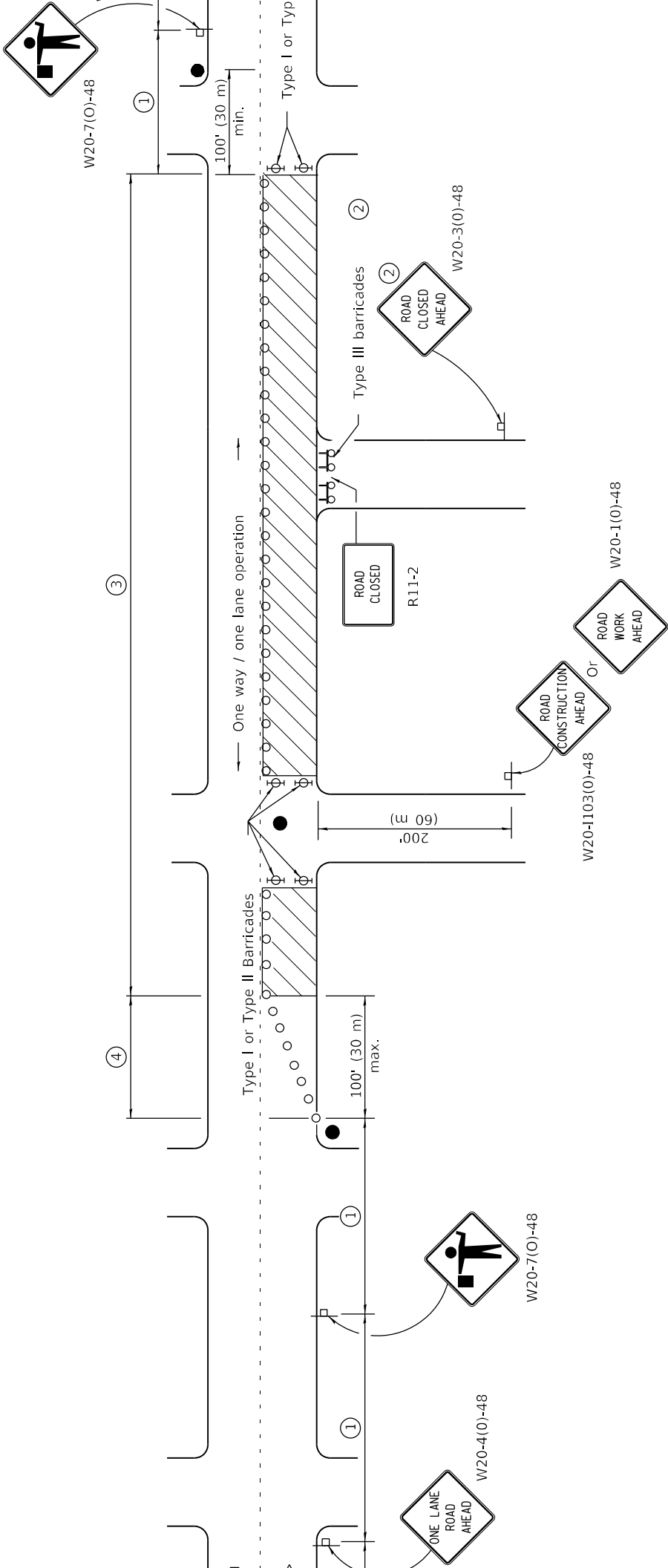
For should
the pavement

All dimensions
unless otherwise

DATE

REVISIONS





SYMBOLS



Work area



Cone, drum or barricade
(not required for moving operations)



Sign on portable or permanent support



Flagger with traffic control sign



Barricade or drum with flashing light



Type III barricade with flashing lights

① Refer to SIGN SPACING TABLE for distances.

② For approved sideroad closures.

③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.

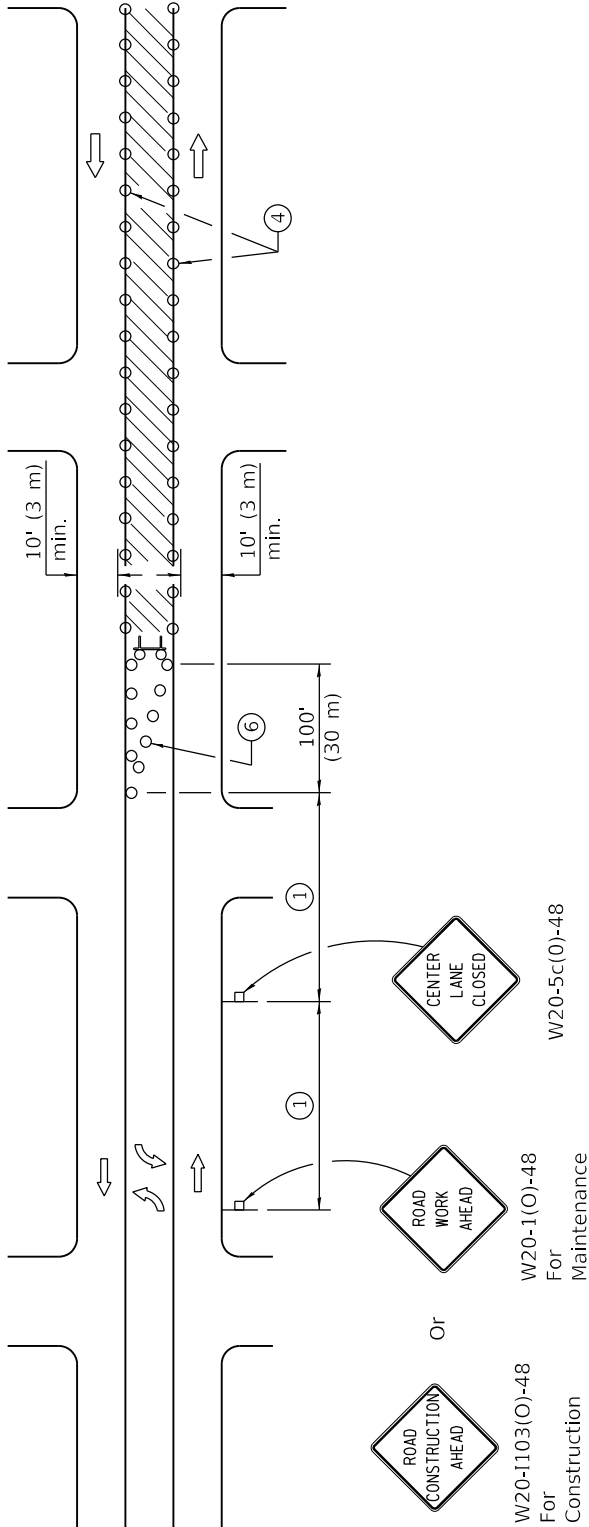
④ Cones, drums or barricades at 20' (6 m) centers.

This Standard applies to all situations, day or night, any vehicle or equipment encroaching on the roadway or activities of one traffic stream.

All dimensions are in feet and inches unless otherwise noted.

DATE

REVISIONS



CASE I

(Signs required for both directions)

- 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.

SYMBOLS

- Work area
- Barricade or drum with flashing light
- Flagger with traffic control sign
- Cone, drum or barricade

This Standard applies to urban, two-lane, two-way roads with a center lane closure. When work is closed and Standard 7 is used, calculate the SPEED LIMIT. 40 mph (70 km/h) or less: 45 mph (80 km/h) or greater: W = Width in feet S = Normal speed in mph All dimensions are in feet unless otherwise noted.

REVISIONS

DATE

W6-3(0)-48 W21-1(0)-48



W1-4L(0)



W21-1(0)-48

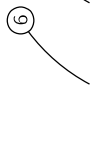


7

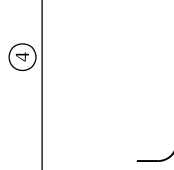


W20-7(0)-48

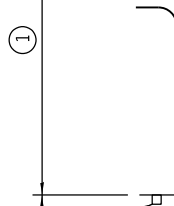
6



4



1



1/2 L

1/2 L

1



1

1

1/2 L

200'

4

5

1/2 L

1

1

200'

(60 m)

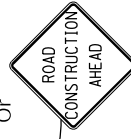
W20-1(0)-48



3



W6-3(0)-48



W20-1103(0)-48

Or

ROAD WORK AHEAD

ROAD CONSTRUCTION AHEAD

200'

(60 m)

W20-1(0)-48



5

R11-2

ROAD CLOSED

Or

ROAD WORK AHEAD

ROAD CONSTRUCTION AHEAD

For maintenance and utility projects

For contract construction projects



W1-4R(0)-48



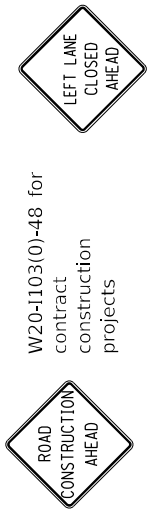
W20-3(0)-48

W-1-6R(0)-G030
(Above barricade)

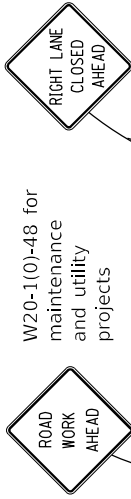
1

CASE II

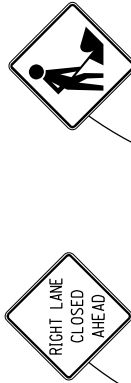
W20-1103(0)-48



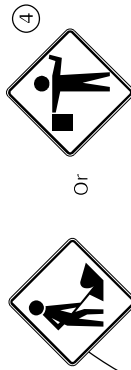
Or



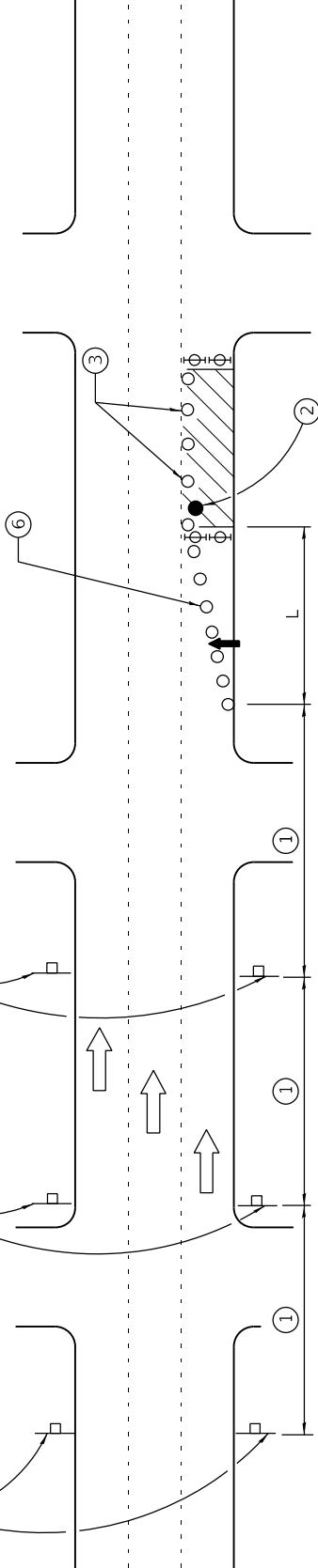
Or



Or



W20-7(O)-48



| |
|---|
| Spacing (150 m) (100 m) (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.

This Standard is intended to be used at night, any other time of day when activities are being performed on the shoulder or in the travel lane requires lane closure.

Calculate L

SPEED LIMIT

40 mph (70 km/h) or less:

45 mph (80 km/h) or greater:

W = Width of work area in feet

S = Normal speed in mph

All dimensions are in feet unless otherwise noted.

DATE

REVISIONS



W20-1103(0)-48
Or



W20-1(0)-48



W21-1106L(0)-48
Or

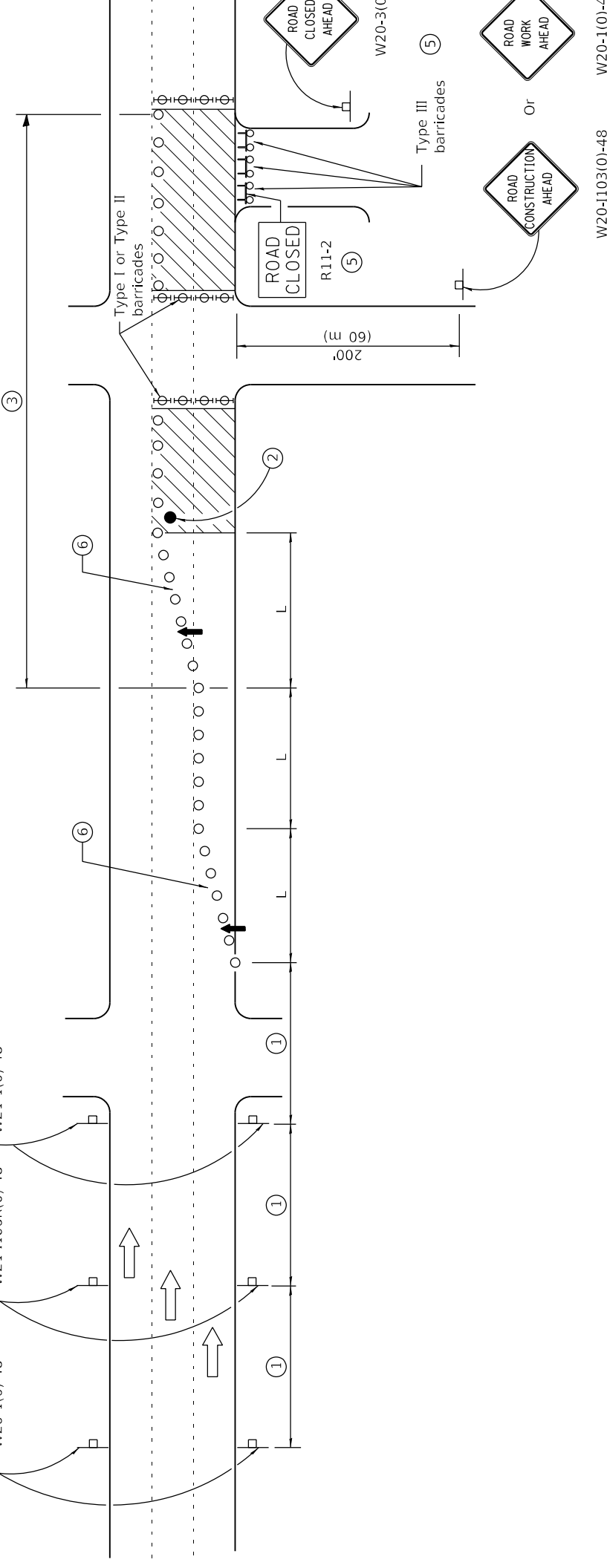


W21-1(0)-48



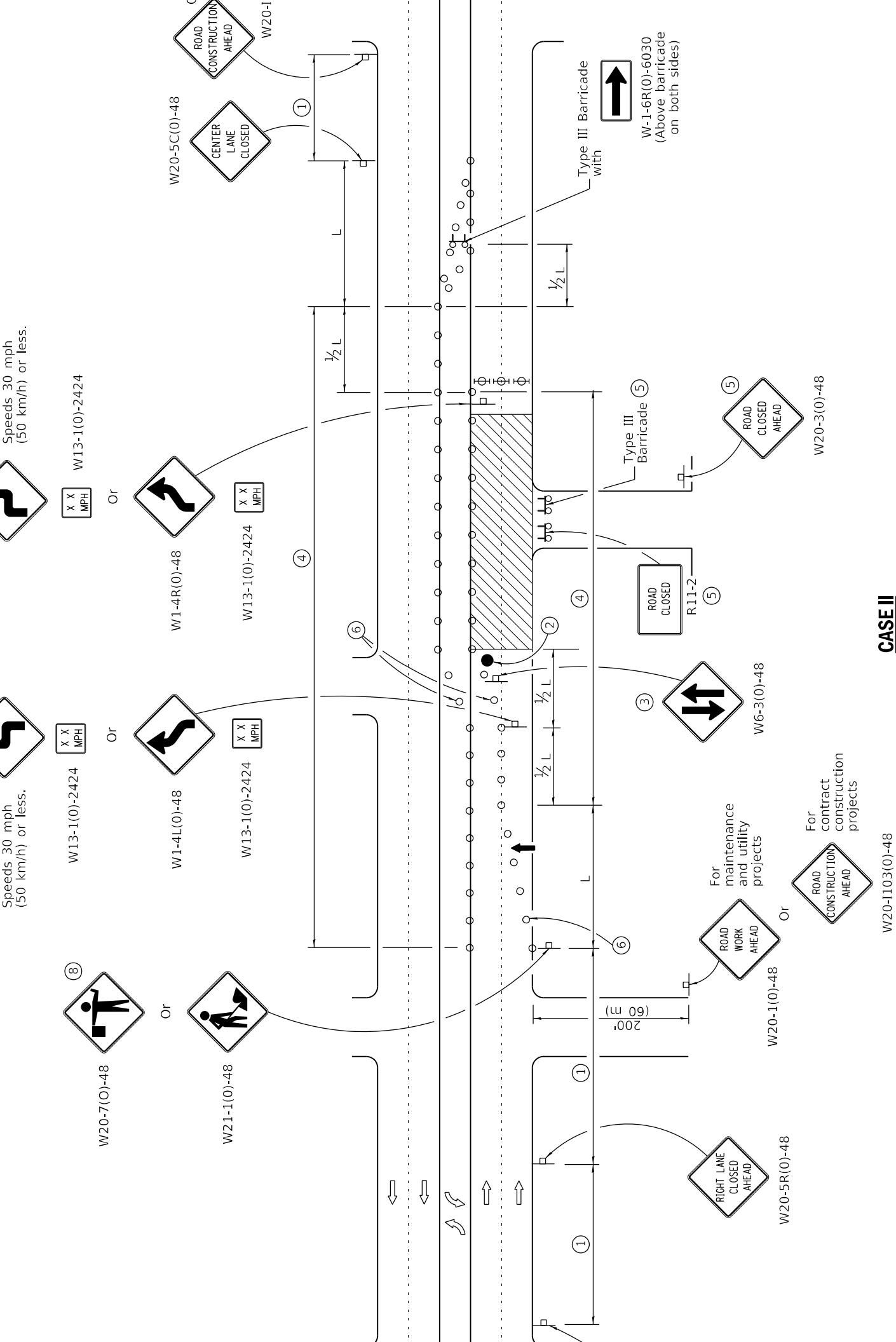
Or

W20-7(0)-48

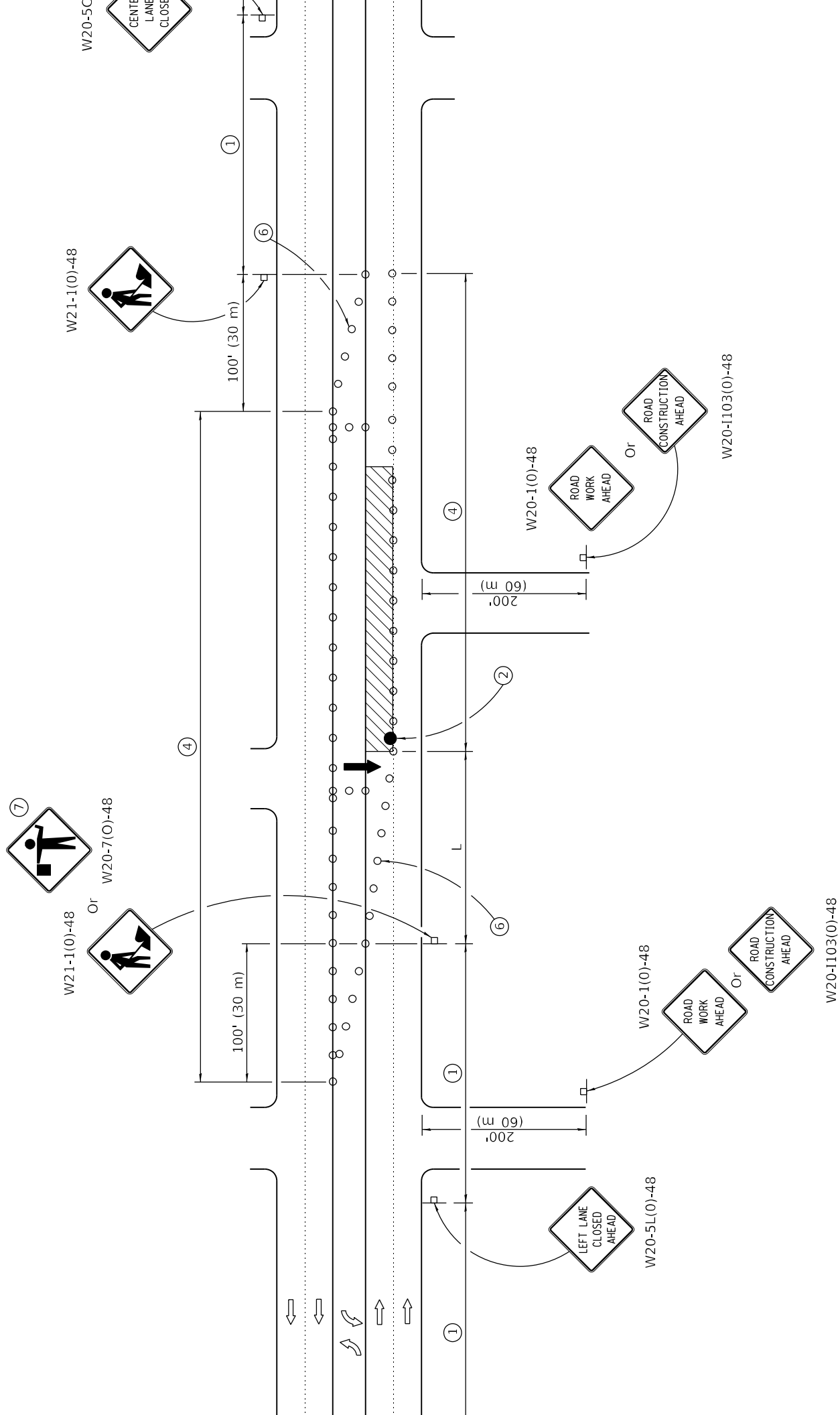


Speeds 30 mph
(50 km/h) or less.

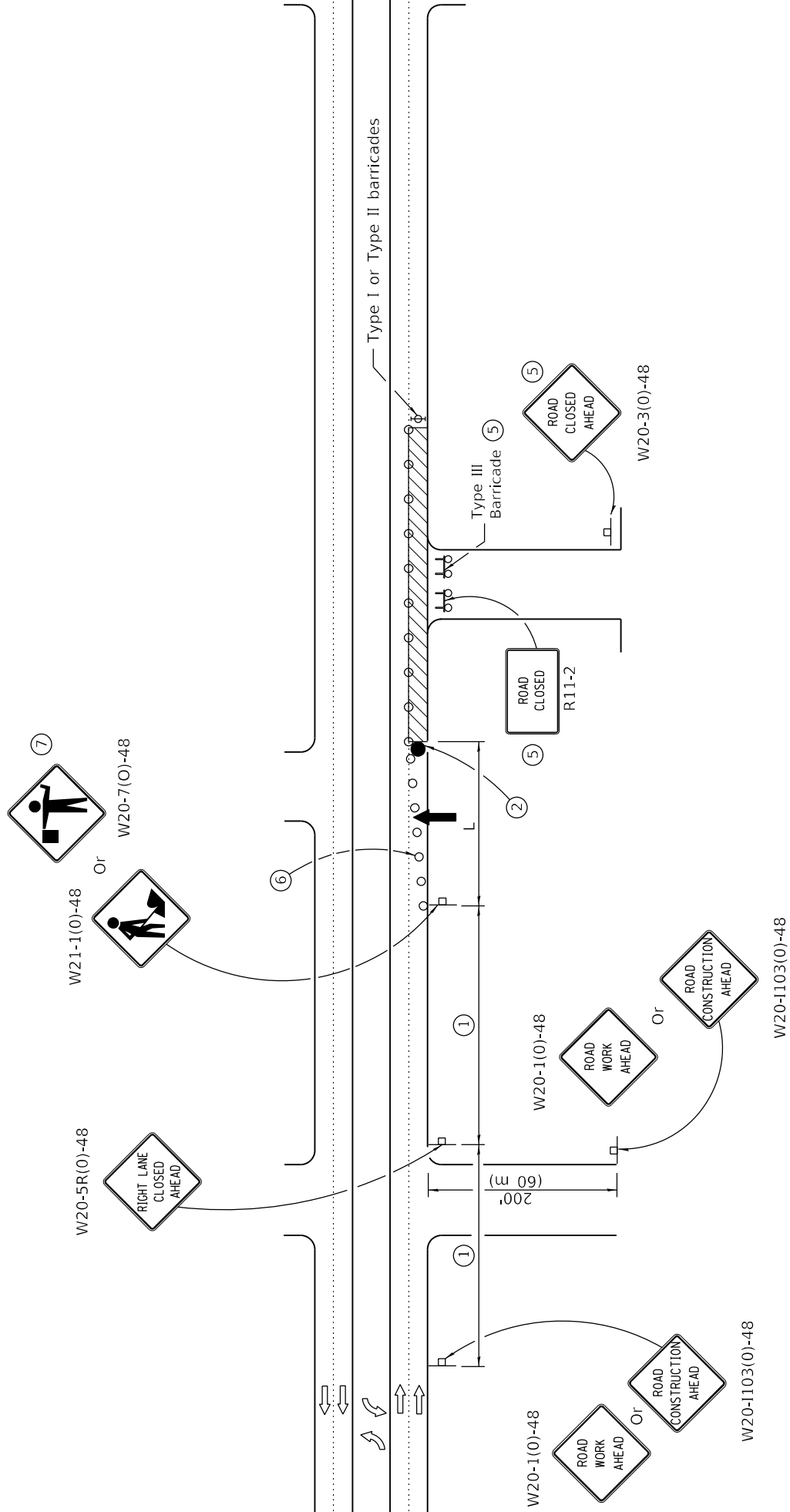
Speeds 30 mph
(50 km/h) or less.



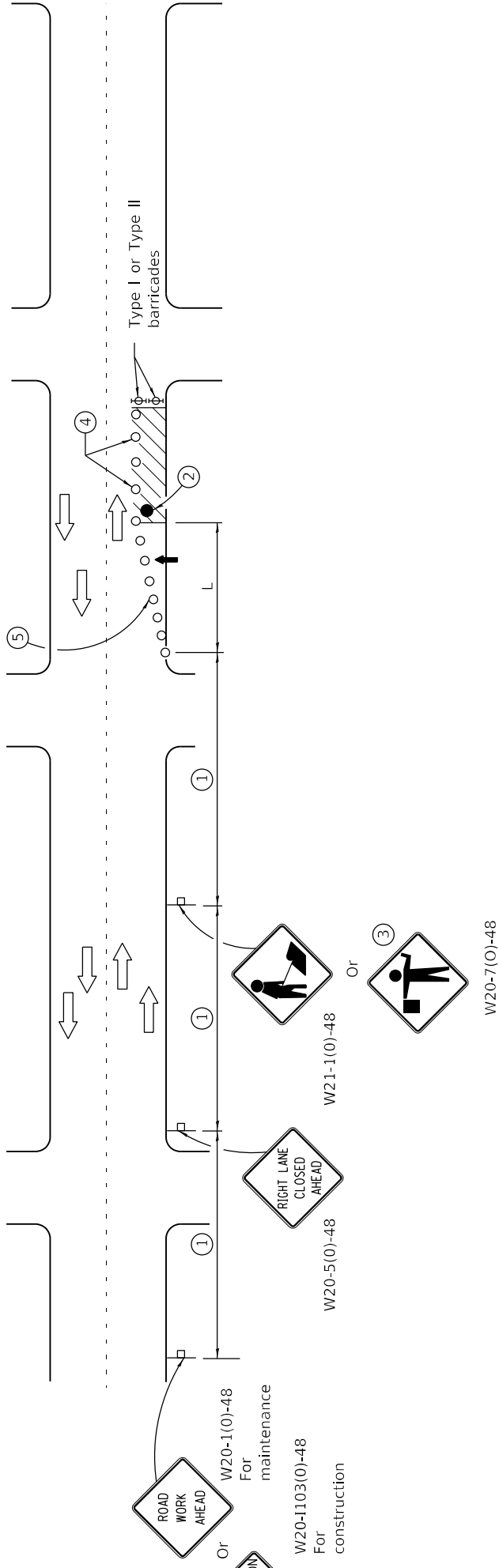
CASE II



CASE III



CASE IV



| SIGN | |
|--------------|--|
| Sign Spacing | |
| 500' (150 m) | |
| 350' (100 m) | |
| 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.

- Refer to SIGN SPACING TABLE for distances.
- Required for speeds > 40 mph.
- Use flagger sign only when flagger is present.
- 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.
- Cones, drums or barricades at 20' (6 m) centers in taper.

This Standard shall apply to all road work zones, night, any VDOT activities or other activities that require the closure of a road or the closure of a road area.

Calculate L

SPEED LIMIT

40 mph (70 km/h) or less:

45 mph (80 km/h) or greater:

W = Width of road in feet

S = Normal speed in mph

All dimensions are in feet unless otherwise noted.

SHOULDER OPERATIONS

CORNER ISLAND OPERATIONS

LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

SYMBOLS

- Work area
- Cone, drum or barricade
- Sign on portable or permanent support

LEGEND

- 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.

NOTES

This Standard may be modified for night, any activities requiring shoulder operations requires lane closures.

Calculate L

SPEED LIMIT

40 mph (70 or less:

45 mph (80 or greater:

W = Width in feet

S = Normal speed in mph

All dimensions are in feet unless otherwise noted.

REVISIONS

| DATE | REVISIONS |
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| | |

SHOULDER OPERATIONS

Type I or
Type II barricade

W20-7(O)-48 Or W21-1(O)-48

CORNER ISLAND OPERATIONS

W20-7(O)-48 Or W21-1(O)-48

RIGHT LANE CLOSED AHEAD W20-5(O)-48

ROAD CONSTRUCTION AHEAD Or ROAD WORK AHEAD

W20-I103(O)-48 for contract construction projects

W20-1(O)-48 for maintenance and utility projects

LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

W20-7(O)-48 Or W21-1(O)-48

LEFT TURN LANE CLOSED AHEAD W20-I106(O)-48

Symbols:

- Work area
- Cone, drum or barricade
- Sign on portable or permanent support

SYMBOLS

Work area

Cone, drum or barricade

Sign on portable or permanent support

LEGEND:

- Refer to SIGN SPACING TABLE for distance.
- Required for speed > 40 mph.
- 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.
- Use flagger sign only when flagger is present.
- Omit this sign when median is less than 10' (3 m) or for bi-directional turn lanes.
- Cones, drums or barricades at 20' (6 m) centers in taper.
- Advanced arrow board required for speeds > 45 mph.
- Three Type II barricades, drums or vertical barricades at 50' (15 m) centers.

NOTES:

This Standard does not apply to night, any activities requiring shoulder operation requires lane closure.

Calculate L

SPEED LIMIT

40 mph (70 km/h) or less:

45 mph (80 km/h) or greater:

W = Width of work area in feet

S = Normal speed limit in mph

All dimensions are in feet unless otherwise noted.

| DATE | REVISIONS |
|------|-----------|
| | |

- SHOULDER OPERATIONS**

CORNER ISLAND OPERATIONS

LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

SYMBOLS

 - Work area
 - Cone, drum or barricade
 - Sign on portable or permanent support

LEGEND

 - 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.

NOTES

This Standard may be modified for any night, any weather conditions or any activities or operations that require lane closures or shoulder operations. Calculate L and S based on the following:

SPEED LIMIT

40 mph (70 km/h) or less:

45 mph (80 km/h) or greater:

W = Width of work area in feet

S = Normal speed in mph

All dimensions are in feet unless otherwise noted.

REVISIONS

| DATE | REVISIONS |
|------|-----------|
| | |

SHOULDER OPERATIONS

CORNER ISLAND OPERATIONS

LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

SYMBOLS

- Work area
- Cone, drum or barricade
- Sign on portable or permanent support

LEGEND

- 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.

NOTES

This Standard may be modified for any activities or conditions that require a different sign or sign placement. Calculate L and S based on the speed limit and the width of the work area.

REVISIONS

| DATE | REVISIONS |
|------|-----------|
| | |

- SHOULDER OPERATIONS**

CORNER ISLAND OPERATIONS

LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

SYMBOLS

 - Work area
 - Cone, drum or barricade
 - Sign on portable or permanent support

LEGEND

 - 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.

NOTES

This Standard may be modified for any activities or conditions that require a different sign or sign placement. Calculate L and S for the project. SPEED LIMIT 40 mph (70 km/h) or less: 45 mph (80 km/h) or greater: W = Width of work area in feet S = Normal speed of traffic in mph All dimensions are in feet unless otherwise noted.

SHOULDER OPERATIONS

CORNER ISLAND OPERATIONS

LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

SYMBOLS

- Work area
- Cone, drum or barricade
- Sign on portable or permanent support

LEGEND

- 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.

NOTES

This Standard may be modified for any activities or conditions that require a different sign or sign placement. Calculate L and S for any modification.

SPEED LIMIT

40 mph (70 km/h) or less:

45 mph (80 km/h) or greater:

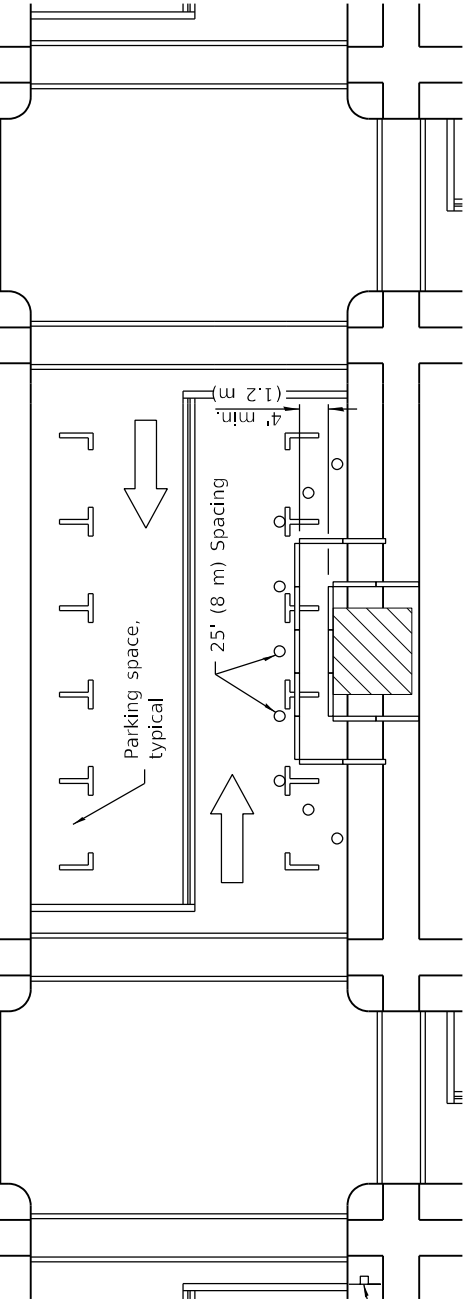
W = Width of work area in feet

S = Normal speed limit in mph

All dimensions are in feet unless otherwise noted.

REVISIONS

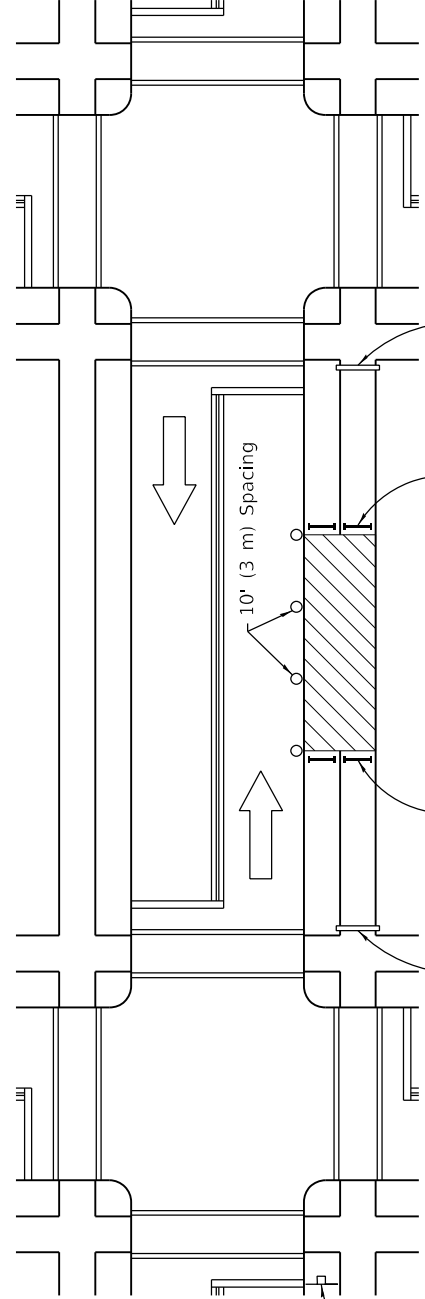
| DATE | REVISIONS |
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| | |



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

Or
① ROAD WORK AHEAD
W20-1101(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
W20-1101(0)-48 for maintenance and utility projects

SIDEWALK CLOSED
USE OTHER SIDE

SIDEWALK CLOSED
USE OTHER SIDE

R11-1101-2418

① Omit when road work is performed.

This Standard must be performed.

This Standard must be performed.

Other Traffic roadway traffic

Temporary accessible.

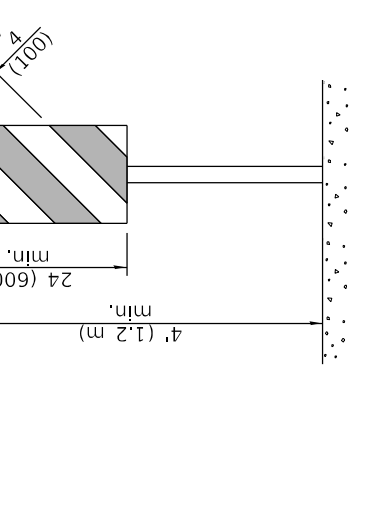
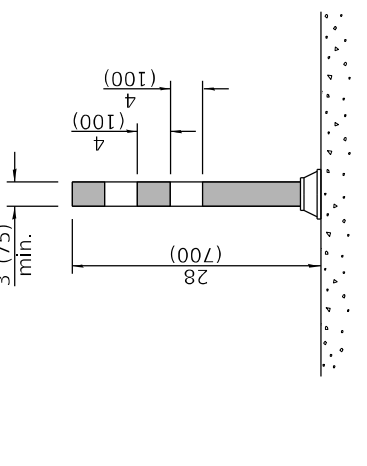
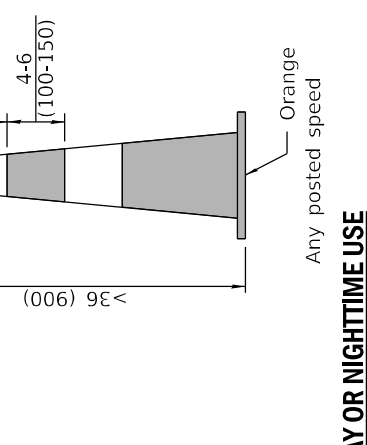
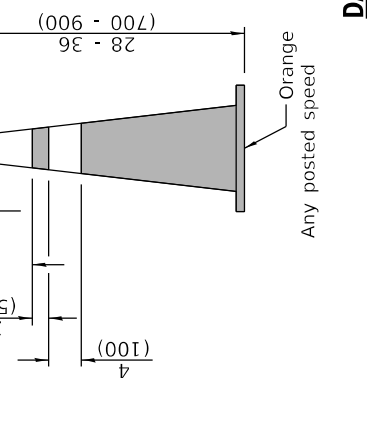
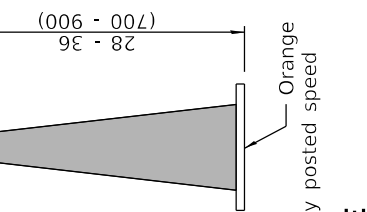
The temporary provided on whenever p

The SIDEWALK placed at the end to each end of the occurs at the corners the SIDEWALK. The SIDEWALK ends of the

Type III bar positioned a detail on St

All dimensions unless other

| DATE | REVISIONS |
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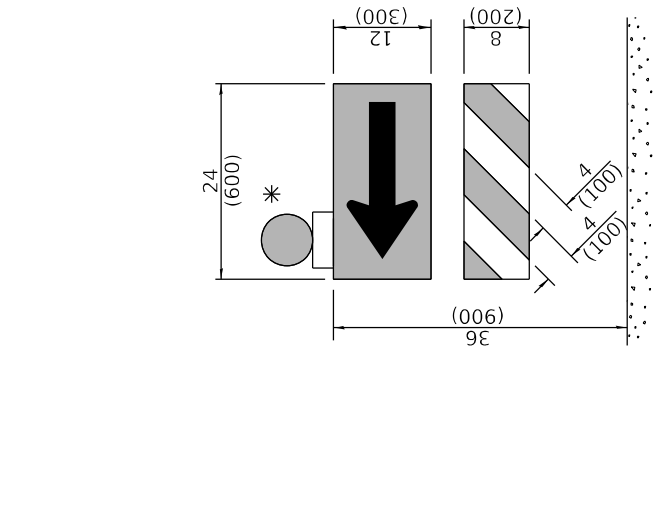
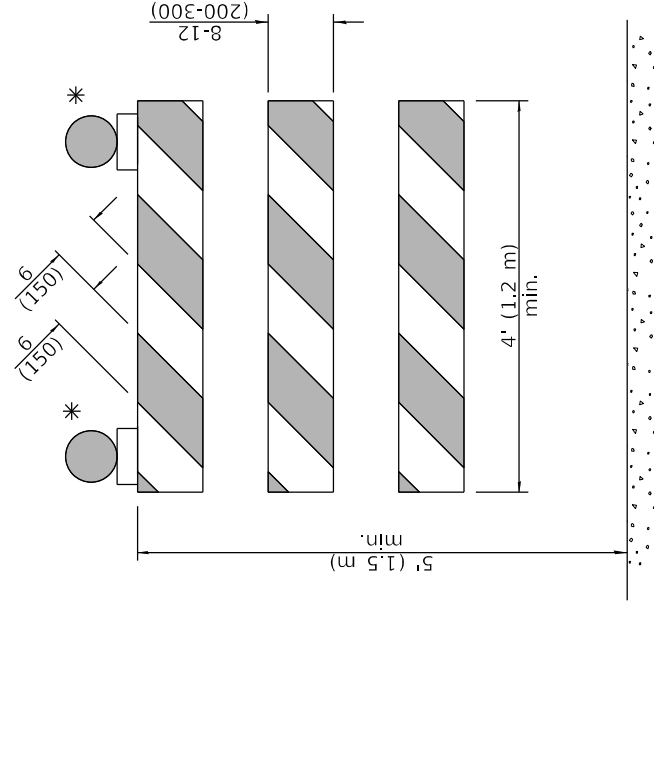
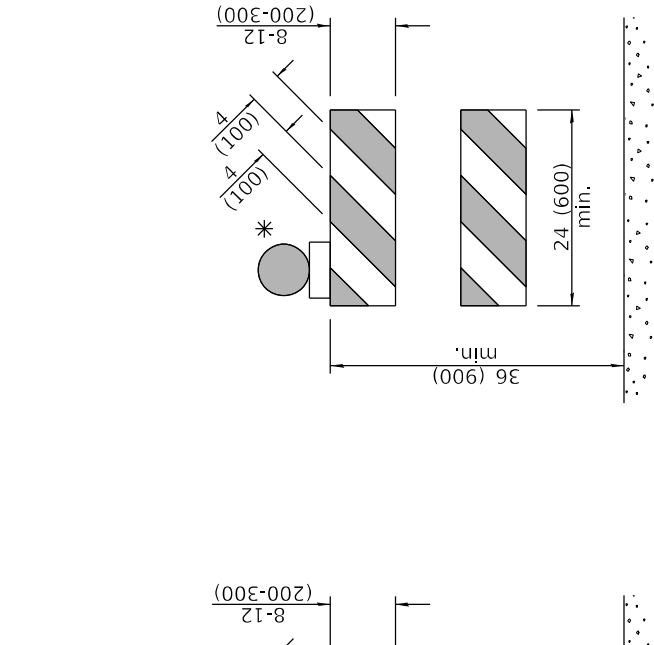
CONES

DAY OR NIGHTTIME USE

TUBULAR MARKER

VERTICAL PANEL

POST MOUNTED

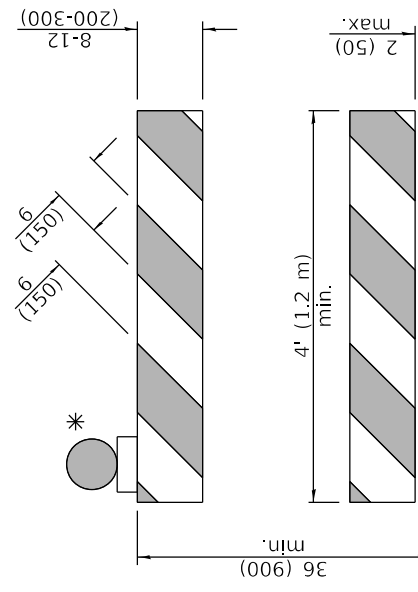


TYPE II BARRICADE

TYPE III BARRICADE

DIRECTION INDICATOR

BARRICADE

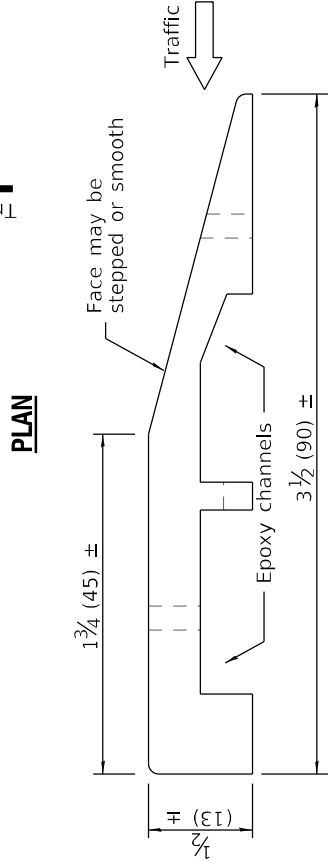
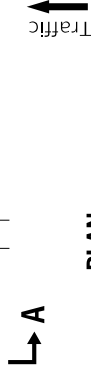
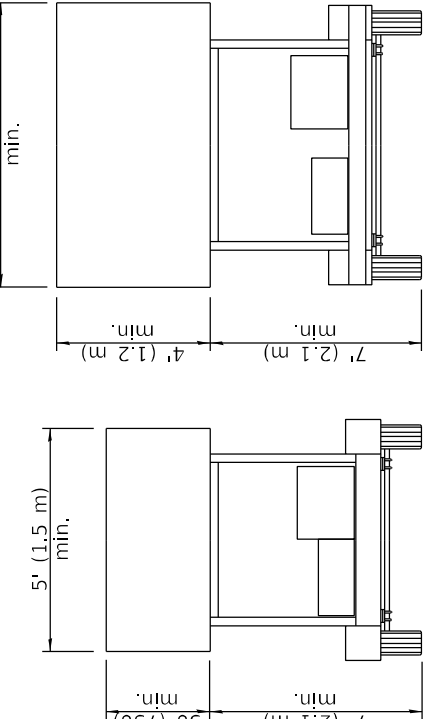


* Warning lights (if required)

All heights
pavement
All dimensions
unless otherwise
specified

DATE

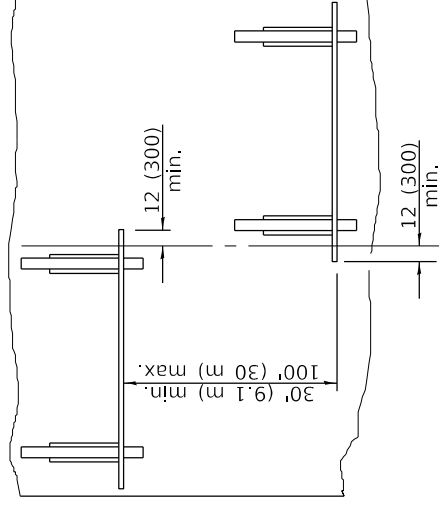
REVISIONS



TYPICAL INS:

TYPE B
ROOF OR TRAILER
MOUNTED

TEMPORARY RUMBLE STRIPS



ReflectORIZED striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.

