

# HIGHWAY WORK PROPOSAL

Wisconsin Department of Transportation  
DT1502 01/2020 s.66.0901(7) Wis. Stats

Proposal Number:

012

<u>STATE ID</u>	<u>FEDERAL ID</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>	<u>COUNTY</u>
6085-02-76	N/A	Mazomanie - Sun Prairie, Westmount Drive Intersection	STH 019	Dane
6085-02-78	N/A	Mazomanie - Sun Prairie, Westmount Drive Intersection	STH 019	Dane

This proposal, submitted by the undersigned bidder to the Wisconsin Department of Transportation, is in accordance with the advertised request for proposals. The bidder is to furnish and deliver all materials, and to perform all work for the improvement of the designated project in the time specified, in accordance with the appended Proposal Requirements and Conditions.

Proposal Guaranty Required: \$75,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Date: March 10, 2026 Time (Local Time): 11:00 am	Firm Name, Address, City, State, Zip Code
Contract Completion Time 85 Working Days	<b>SAMPLE</b> <b>NOT FOR BIDDING PURPOSES</b>
Assigned Disadvantaged Business Enterprise Goal      0%	This contract is exempt from federal oversight.

This certifies that the undersigned bidder, duly sworn, is an authorized representative of the firm named above; that the bidder has examined and carefully prepared the bid from the plans, Highway Work Proposal, and all addenda, and has checked the same in detail before submitting this proposal or bid; and that the bidder or agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal bid.

**Do not sign, notarize, or submit this Highway Work Proposal when submitting an electronic bid on the Internet.**

Subscribed and sworn to before me this date \_\_\_\_\_

(Signature, Notary Public, State of Wisconsin)

(Bidder Signature)

(Print or Type Name, Notary Public, State Wisconsin)

(Print or Type Bidder Name)

(Date Commission Expires)

(Bidder Title)

Notary Seal

<b>Type of Work:</b> Removals, Grading, Aggregate, Concrete Pavement, Asphalt Pavement, Culvert Pipe, Curb and Gutter, Concrete Sidewalk, Storm Sewer, Erosion Control, Permanent Signing, Traffic Control, Pavement Marking, Lighting, Water, Restoration.	<b>For Department Use Only</b>
Notice of Award Dated _____	Date Guaranty Returned _____

**PLEASE ATTACH  
PROPOSAL GUARANTY HERE**

## PROPOSAL REQUIREMENTS AND CONDITIONS

The bidder, signing and submitting this proposal, agrees and declares as a condition thereof, to be bound by the following conditions and requirements.

If the bidder has a corporate relationship with the proposal design engineering company, the bidder declares that it did not obtain any facts, data, or other information related to this proposal from the design engineering company that was not available to all bidders.

The bidder declares that they have carefully examined the site of, and the proposal, plans, specifications and contract forms for the work contemplated, and it is assumed that the bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and quantities of work to be performed and materials to be furnished, and as to the requirements of the specifications, special provisions and contract. It is mutually agreed that submission of a proposal shall be considered conclusive evidence that the bidder has made such examination.

The bidder submits herewith a proposal guaranty in proper form and amount payable to the party as designated in the advertisement inviting proposals, to be retained by and become the property of the owner of the work in the event the undersigned shall fail to execute the contract and contract bond and return the same to the office of the engineer within fourteen (14) days after having been notified in writing to do so; otherwise to be returned.

The bidder declares that they understand that the estimate of quantities in the attached schedule is approximate only and that the attached quantities may be greater or less in accordance with the specifications.

The bidder agrees to perform the said work, for and in consideration of the payment of the amount becoming due on account of work performed, according to the unit prices bid in the following schedule, and to accept such amounts in full payment of said work.

The bidder declares that all of the said work will be performed at their own proper cost and expense, that they will furnish all necessary materials, labor, tools, machinery, apparatus, and other means of construction in the manner provided in the applicable specifications and the approved plans for the work together with all standard and special designs that may be designed on such plans, and the special provisions in the contract of which this proposal will become a part, if and when accepted. The bidder further agrees that the applicable specifications and all plans and working drawings are made a part hereof, as fully and completely as if attached hereto.

The bidder, if awarded the contract, agrees to begin the work not later than ten (10) days after the date of written notification from the engineer to do so, unless otherwise stipulated in the special provisions.

The bidder declares that if they are awarded the contract, they will execute the contract agreement and begin and complete the work within the time named herein, and they will file a good and sufficient surety bond for the amount of the contract for performance and also for the full amount of the contract for payment.

The bidder, if awarded the contract, shall pay all claims as required by Section 779.14, Statutes of Wisconsin, and shall be subject to and discharge all liabilities for injuries pursuant to Chapter 102 of the Statutes of Wisconsin, and all acts amendatory thereto. They shall further be responsible for any damages to property or injury to persons occurring through their own negligence or that of their employees or agents, incident to the performance of work under this contract, pursuant to the Standard Specifications for Road and Bridge Construction applicable to this contract.

In connection with the performance of work under this contract, the contractor agrees to comply with all applicable state and federal statutes relating to non-discrimination in employment. No otherwise qualified person shall be excluded from employment or otherwise be subject to discrimination in employment in any manner on the basis of age, race, religion, color, gender, national origin or ancestry, disability, arrest or conviction record (in keeping with s.111.32), sexual orientation, marital status, membership in the military reserve, honesty testing, genetic testing, and outside use of lawful products. This provision shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation, and selection for training, including apprenticeship. The contractor further agrees to ensure equal opportunity in employment to all applicants and employees and to take affirmative action to attain a representative workforce.

The contractor agrees to post notices and posters setting forth the provisions of the nondiscrimination clause, in a conspicuous and easily accessible place, available for employees and applicants for employment.

If a state public official (section 19.42, Stats.) or an organization in which a state public official holds at least a 10% interest is a party to this agreement, this contract is voidable by the state unless appropriate disclosure is made to the State of Wisconsin Ethics Board.

## BID PREPARATION

### **Preparing the Proposal Schedule of Items**

#### **A. General**

- (1) Obtain bidding proposals as specified in section 102 of the standard specifications prior to 11:45 AM of the last business day preceding the letting. Submit bidding proposals using one of the following methods:
  1. Electronic bid on the internet.
  2. Electronic bid on a printout with accompanying diskette or CD ROM.
  3. Paper bid under a waiver of the electronic submittal requirements.
- (2) Bids submitted on a printout with accompanying diskette or CD ROM or paper bids submitted under a waiver of the electronic submittal requirements govern over bids submitted on the internet.
- (3) The department will provide bidding information through the department's web site at:

<https://wisconsindot.gov/Pages/doing-bus/contractors/hcci/bid-let.aspx>

The contractor is responsible for reviewing this web site for general notices as well as information regarding proposals in each letting. The department will also post special notices of all addenda to each proposal through this web site no later than 4:00 PM local time on the Thursday before the letting. Check the department's web site after 5:00 PM local time on the Thursday before the letting to ensure all addenda have been accounted for before preparing the bid. When bidding using methods 1 and 2 above, check the Bid Express™ on-line bidding exchange at <http://www.bidx.com/> after 5:00 PM local time on the Thursday before the letting to ensure that the latest schedule of items Expedite file (\*.ebs or \*.00x) is used to submit the final bid.

- (4) Interested parties can subscribe to the Bid Express™ on-line bidding exchange by following the instructions provided at the [www.bidx.com](http://www.bidx.com) web site or by contacting:

Info Tech Inc.  
5700 SW 34th Street, Suite 1235  
Gainesville, FL 32608-5371  
email: <mailto:customer.support@bidx.com>

- (5) The department will address equipment and process failures, if the bidder can demonstrate that those failures were beyond their control.

- (6) Contractors are responsible for checking on the issuance of addenda and for obtaining the addenda. Notice of issuance of addenda is posted on the department's web site at:

<https://wisconsindot.gov/Pages/doing-bus/contractors/hcci/bid-let.aspx>

or by calling the department at (608) 266-1631. Addenda can ONLY be obtained from the department's web site listed above or by picking up the addenda at the Bureau of Highway Construction, 4th floor, 4822 Madison Yards Way, Madison, WI, during regular business hours.

- (7) Addenda posted after 5:00 PM on the Thursday before the letting will be emailed to the eligible bidders for that proposal. All eligible bidders shall acknowledge receipt of the addenda whether they are bidding on the proposal or not. Not acknowledging receipt may jeopardize the awarding of the project.

**B. Submitting Electronic Bids****B.1 On the Internet**

- (1) Do the following before submitting the bid:
  4. Have a properly executed annual bid bond on file with the department.
  5. Have a digital ID on file with and enabled by Info Tech Inc. Using this digital ID will constitute the bidder's signature for proper execution of the bidding proposal.
- (2) In lieu of preparing, delivering, and submitting the proposal as specified in 102.6 and 102.9 of the standard specifications, submit the proposal on the internet as follows:
  1. Download the latest schedule of items reflecting all addenda from the Bid Express<sup>TM</sup> web site.
  2. Use Expedite<sup>TM</sup> software to enter a unit price for every item in the schedule of items.
  3. Submit the bid according to the requirements of Expedite<sup>TM</sup> software and the Bid Express<sup>TM</sup> web site. Do not submit a bid on a printout with accompanying diskette or CD ROM or a paper bid. If the bidder does submit a bid on a printout with accompanying diskette or a paper bid in addition to the internet submittal, the department will disregard the internet bid
  4. Submit the bid before the hour and date the Notice to Contractors designates
  5. Do not sign, notarize, and return the bidding proposal described in 102.2 of the standard specifications.
- (3) The department will not consider the bid accepted until the hour and date the Notice to Contractors designates.

**B.2 On a Printout with Accompanying Diskette or CD ROM**

- (1) Download the latest schedule of items from the Wisconsin pages of the Bid Express web site reflecting the latest addenda posted on the department's web site at:  
<https://wisconsindot.gov/Pages/doing-bus/contractors/hcci/bid-let.aspx>  
Use Expedite<sup>TM</sup> software to prepare and print the schedule of items. Provide a valid amount for all price fields. Follow instructions and review the help screens provided on the Bid Express<sup>TM</sup> web site to assure that the schedule of items is prepared properly.
- (2) Staple an 8 1/2 by 11 inch printout of the Expedite<sup>TM</sup> generated schedule of items to the other proposal documents submitted to the department as a part of the bidder's sealed bid. As a separate submittal, not in the sealed bid envelop but due at the same time and place as the sealed bid, also provide the Expedite<sup>TM</sup> generated schedule of items on a 3 1/2 inch computer diskette or CD ROM. Label each diskette or CD ROM with the bidder's name, the 4 character department-assigned bidder identification code from the top of the bidding proposal, and a list of the proposal numbers included on that diskette or CD ROM as indicated in the following example:

**Bidder Name**  
**BN00**  
**Proposals: 1, 12, 14, & 22**

- (3) If bidding on more than one proposal in the letting, the bidder may include all proposals for that letting on one diskette or CD ROM. Include only submitted proposals with no incomplete or other files on the diskette or CD ROM.
- (4) The bidder-submitted printout of the Expedite<sup>TM</sup> generated schedule of items is the governing contract document and must conform to the requirements of section 102 of the standard specifications. If a printout needs to be altered, cross out the printed information with ink or typewriter and enter the new information and initial it in ink. If there is a discrepancy between the printout and the diskette or CD ROM, the department will analyze the bid using the printout information.

(5) In addition to the reasons specified in section 102 of the standard specifications, proposals are irregular and the department may reject them for one or more of the following:

1. The check code printed on the bottom of the printout of the Expedite™ generated schedule of items is not the same on each page.
2. The check code printed on the printout of the Expedite™ generated schedule of items is not the same as the check code for that proposal provided on the diskette or CD ROM.
3. The diskette or CD ROM is not submitted at the time and place the department designates.

**B Waiver of Electronic Submittal**

- (1) The bidder may request a waiver of the electronic submittal requirements. Submit a written request for a waiver in lieu of bids submitted on the internet or on a printout with accompanying diskette or CD ROM. Use the waiver that was included with the paper bid document sent to the bidder or type up a waiver on the bidder's letterhead. The department will waive the electronic submittal requirements for a bidding entity (individual, partnership, joint venture, corporation, or limited liability company) for up to 4 individual proposals in a calendar year. The department may allow additional waivers for equipment malfunctions.
- (2) Submit a schedule of items on paper conforming to section 102 of the standard specifications. The department charges the bidder a \$75 administrative fee per proposal, payable at the time and place the department designates for receiving bids, to cover the costs of data entry. The department will accept a check or money order payable to: "Wisconsin, Dept. of Transportation."
- (3) In addition to the reasons specified in section 102 of the standard specifications, proposals are irregular and the department may reject them for one or more of the following:
  1. The bidder fails to provide the written request for waiver of the electronic submittal requirements.
  2. The bidder fails to pay the \$75 administrative fee before the time the department designates for the opening of bids unless the bidder requests on the waiver that they be billed for the \$75.
  3. The bidder exceeds 4 waivers of electronic submittal requirements within a calendar year.
- (4) In addition to the reasons specified in section 102 of the standard specifications, the department may refuse to issue bidding proposals for future contracts to a bidding entity that owes the department administrative fees for a waiver of electronic submittal requirements.

# PROPOSAL BID BOND

DT1303 1/2006

Wisconsin Department of Transportation

Proposal Number	Project Number	Letting Date
Name of Principal		
Name of Surety	State in Which Surety is Organized	

We, the above-named Principal and the above-named Surety, are held and firmly bound unto the State of Wisconsin in the sum equal to the Proposal Guaranty for the total bid submitted for the payment to be made; we jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns. The condition of this obligation is that the Principal has submitted a bid proposal to the State of Wisconsin acting through the Department of Transportation for the improvement designated by the Proposal Number and Letting Date indicated above.

If the Principal is awarded the contract and, within the time and manner required by law after the prescribed forms are presented for signature, enters into a written contract in accordance with the bid, and files the bond with the Department of Transportation to guarantee faithful performance and payment for labor and materials, as required by law, or if the Department of Transportation shall reject all bids for the work described, then this obligation shall be null and void; otherwise, it shall be and remain in full force and effect. In the event of failure of the Principal to enter into the contract or give the specified bond, the Principal shall pay to the Department of Transportation **within 10 business days of demand** a total equal to the Proposal Guaranty as liquidated damages; the liability of the Surety continues for the full amount of the obligation as stated until the obligation is paid in full.

The Surety, for value received, agrees that the obligations of it and its bond shall not be impaired or affected by any extension of time within which the Department of Transportation may accept the bid; and the Surety does waive notice of any such extension.

IN WITNESS, the Principal and Surety have agreed and have signed by their proper officers and have caused their corporate seals to be affixed this date: **(DATE MUST BE ENTERED)**

## PRINCIPAL

(Company Name) **(Affix Corporate Seal)**

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

## NOTARY FOR PRINCIPAL

(Date)

State of Wisconsin )  
 ) ss.  
 \_\_\_\_\_ County )  
 \_\_\_\_\_ )

On the above date, this instrument was acknowledged before me by the named person(s).

(Signature, Notary Public, State of Wisconsin)

(Print or Type Name, Notary Public, State of Wisconsin)

(Date Commission Expires)

Notary Seal

(Name of Surety) **(Affix Seal)**

(Signature of Attorney-in-Fact)

## NOTARY FOR SURETY

(Date)

State of Wisconsin )  
 ) ss.  
 \_\_\_\_\_ County )  
 \_\_\_\_\_ )

On the above date, this instrument was acknowledged before me by the named person(s).

(Signature, Notary Public, State of Wisconsin)

(Print or Type Name, Notary Public, State of Wisconsin)

(Date Commission Expires)

Notary Seal

**IMPORTANT: A certified copy of Power of Attorney of the signatory agent must be attached to the bid bond.**

# CERTIFICATE OF ANNUAL BID BOND

DT1305 8/2003

Wisconsin Department of Transportation

Time Period Valid (From/To)
Name of Surety
Name of Contractor
Certificate Holder Wisconsin Department of Transportation

This is to certify that an annual bid bond issued by the above-named Surety is currently on file with the Wisconsin Department of Transportation.

This certificate is issued as a matter of information and conveys no rights upon the certificate holder and does not amend, extend or alter the coverage of the annual bid bond.

**Cancellation:** Should the above policy be cancelled before the expiration date, the issuing surety will give thirty (30) days written notice to the certificate holder indicated above.

(Signature of Authorized Contractor Representative)

(Date)

## LIST OF SUBCONTRACTORS

Section 66.0901(7), Wisconsin Statutes, provides that as a part of the proposal, the bidder also shall submit a list of the subcontractors the bidder proposes to contract with and the class of work to be performed by each. In order to qualify for inclusion in the bidder's list a subcontractor shall first submit a bid in writing, to the general contractor at least 48 hours prior to the time of the bid closing. The list may not be added to or altered without the written consent of the municipality. A proposal of a bidder is not invalid if any subcontractor and the class of work to be performed by the subcontractor has been omitted from a proposal; the omission shall be considered inadvertent or the bidder will perform the work personally.

No subcontract, whether listed herein or later proposed, may be entered into without the written consent of the Engineer as provided in Subsection 108.1 of the Standard Specifications.

## **CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS - PRIMARY COVERED TRANSACTIONS**

### Instructions for Certification

1. By signing and submitting this proposal, the prospective contractor is providing the certification set out below.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective contractor shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective contractor to furnish a certification or an explanation shall disqualify such person from participation in this transaction.
3. The certification in this clause is a material representation of fact upon which reliance was placed when the department determined to enter into this transaction. If it is later determined that the contractor knowingly rendered an erroneous certification in addition to other remedies available to the Federal Government the department may terminate this transaction for cause or default.
4. The prospective contractor shall provide immediate written notice to the department to whom this proposal is submitted if at any time the prospective contractor learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the department to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
6. The prospective contractor agrees by submitting this proposal that, should this contract be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department entering into this transaction.
7. The prospective contractor further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," which is included as an addendum to PR- 1273 - "Required Contract Provisions Federal Aid Construction Contracts," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
8. The contractor may rely upon a certification of a prospective subcontractor/materials supplier that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A contractor may decide the method and frequency by which it determines the eligibility of its principals. Each contractor may, but is not required to, check the Disapproval List (telephone # 608/266/1631).

9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a contractor in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department may terminate this transaction for cause or default.

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions

1. The prospective contractor certifies to the best of its knowledge and belief, that it and its principals:
  - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
  - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
  - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offense enumerated in paragraph (1)(b) of this certification; and
  - (d) Have not within a three-year period preceding this proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
2. Where the prospective contractor is unable to certify to any of the statements in this certification, such prospective contractor shall attach an explanation to this proposal.

## Special Provisions

### Table of Contents

Article	Description	Page #
1.	General.....	3
2.	Scope of Work.....	3
3.	Prosecution and Progress.....	3
4.	Traffic. ....	5
5.	Holiday and Special Event Work Restrictions.....	8
6.	Utilities.....	8
7.	Work by Others – Street Lighting Removal.....	10
8.	Information to Bidders, U.S. Army Corps of Engineers Section 404 Permit.....	10
9.	Information to Bidders, WPDES Transportation Construction General Permit (TCGP) for Storm Water Discharges.....	10
10.	Environmental Protection, Aquatic Exotic Species Control. ....	11
11.	Notice to Contractor, Wetlands .....	11
12.	Coordination with Businesses and Residents.....	11
13.	Public Convenience and Safety.....	12
14.	Referenced Construction Specifications. ....	12
15.	Municipality Acceptance of Water Main Construction.....	12
16.	Temporary Lane Shift During Culvert Work, Item 208.1500.S. ....	12
17.	Base Aggregate Dense 3/4-Inch, Item 305.0110.....	13
18.	Base Aggregate Dense 1 1/4-Inch, Item 305.0120.....	13
19.	Cover Plates Temporary, Item 611.8120.S.....	13
20.	Insulation Board Polystyrene, 2-Inch, Item 612.0902.S.....	14
21.	Removing Signs Type II, Item 638.2602.....	14
22.	Nighttime Work Lighting-Stationary. ....	15
23.	Locating No-Passing Zones, Item 648.0100.....	16
24.	Trench Backfill – Water Main, Item SPV.0035.01.....	16
25.	Temporary Lighting System, Item SPV.0060.01.....	16
26.	Construction Staking Roundabout, Item SPV.0060.02.....	17
27.	Research and Locate Existing Land Parcel Monuments, Item SPV.0060.03.....	18
28.	Verify and Replace Existing Land Parcel Monuments, Item SPV.0060.04. ....	19
29.	Rectangular Rapid Flashing Beacon (RRFB) System, Item SPV.0060.05.....	20
30.	Abandon Existing Water Main (Slurry Fill), Item SPV.0060.06; Remove Existing Hydrant, Item SPV.0060.07; Abandon Existing Valve & Box, Item SPV.0060.08; Remove Existing Water Main, Item SPV.0090.01.....	21
31.	Valve and Road Box 6-Inch, Item SPV.0060.09; Valve and Road Box 12-Inch, Item SPV.0060.10; Fire Hydrant, Item SPV.0060.11; Tee 12-Inch x 6-Inch, Item SPV.0060.12; Tee 12-Inch x 12-Inch, Item SPV.0060.13; 22.5 Degree Bend 12-Inch, Item SPV.0060.14; 45 Degree Bend 12-Inch, Item SPV.0060.15; Reducer 12-Inch x 6-Inch, Item SPV.0060.16; Connect to Existing Water Main, Item SPV.0060.17.....	22
32.	Utility Line Opening (ULO), Item SPV.0060.18; Dewatering, Item SPV.0060.19; Fire Hydrant Extension 6-Inch, Item SPV.0060.20.....	22

33. Ductile Iron Water Main 6-Inch, Item SPV.0090.02; Ductile Iron Water Main 12-Inch, Item SPV.0090.03. ....	23
---	----

**SPECIAL PROVISIONS**

**1. General.**

Perform the work under this construction contract for Project 6085-02-76, Mazomanie – Sun Prairie, Westmount Drive Intersection, STH 19, Dane County, Wisconsin as the plans show and execute the work as specified in the State of Wisconsin, Department of Transportation, Standard Specifications for Highway and Structure Construction, 2025 Edition, as published by the department, and these special provisions.

If all or a portion of the plans and special provisions are developed in the SI metric system and the schedule of prices is developed in the US standard measure system, the department will pay for the work as bid in the US standard system.

100-005 (20250701)

**2. Scope of Work.**

The work under this contract shall consist of excavation common, select crushed material, base aggregate dense, concrete pavement, asphalt pavement, storm sewer, concrete curb & gutter, water main replacement, permanent signing, pavement marking, street lighting, and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

104-005 (20090901)

**3. Prosecution and Progress.**

Begin work within 10 calendar days after the engineer issues a written notice to do so.

Provide the time frame for construction of the project within the 2026 construction season to the engineer in writing within a month after executing the contract but at least 14 calendar days before the preconstruction conference. Assure that the time frame is consistent with the contract completion time. Upon approval, the engineer will issue the notice to proceed within ten calendar days before the beginning of the approved time frame.

To revise the time frame, submit a written request to the engineer at least two weeks before the beginning of the intended time frame. The engineer will approve or deny that request based on the conditions cited in the request and its effect on the department's scheduled resources.

**Water Main Construction**

Coordinate all utility tie-ins (water main) with the City of Sun Prairie personnel and Sun Prairie Utilities. Coordinate all service connections to existing services with individual property owners or residents.

Notify property owners or residents a minimum of 48 hours and again 2 hours in advance of an interruption in water service. Also notify property owners or residents when the water service is restored. Water service may not be interrupted for a period exceeding 2 hours unless prior approval is obtained from the property owner or resident.

**Staged Construction**

The schedule of operations shall conform to the construction staging as shown in the plans, unless the engineer approves modifications to the schedule in writing. Staged construction is needed to construct the STH 19 roundabout. The brief outline below of the construction staging schedule is not intended to dictate contractor means and methods but is intended to be a guide for completion of the work using the staging and traffic control shown in the plans. Notify the engineer, in writing, of any proposed modifications to the proposed schedule.

Do not switch traffic over to the next construction stage until proper advance warning has been given via message boards; all signing, pavement marking, reflectors, and traffic control drums for the stage are in place; and conflicting pavement markings and signs are removed as shown in the traffic control section of the plans and as directed by the engineer.

During the staging, install underground items (for example storm sewer, conduit, etc.) to the staging limits. Adequately extend the underground items past the new pavement so that underground items can be extended into the next stage. The contractor shall be responsible for damage to the pavement, locating installed underground items, and maintaining traffic flow for two lanes of traffic as shown in the plan details.

Do not deliver or store materials or equipment within open bike paths, pedestrian paths, or sidewalks during any stage of construction.

For each traffic staging switch, adjust signs, pavement marking, and devices for traffic control completely before the end of operations on that day.

The schedule of operations shall conform to the following construction staging described herein:

#### Stage 1A

- Replace north half of culverts on STH 19 at stations 110'EB'+06 and 119'EB'+77. Provide temporary connection to remaining existing culvert.
- Construct permanent storm sewer and temporary culvert extension on STH 19 at station 117'EX'+05 in preparation for future stages.

#### Stage 1B

- Construct temporary pavement along the north side of STH 19.

#### Stage 2A

- Construct temporary pedestrian asphalt for pedestrian detour to be used in Stage 2A.
- Begin construction of proposed STH 19 EB lanes of the west roundabout approach.
- Construct remaining sections of culverts on STH 19 at stations 110'EB'+06 and 119'EB'+77.
- Construct water main under N Westmount Dr. Place temporary asphalt to restore N Westmount drive to drivable condition after water main is completed.
- Construct temporary pedestrian asphalt on west side of N Westmount Dr. after water main construction completed for use with pedestrian detour in Stage 2B.

#### Stage 2B

- Continue construction of proposed STH 19 EB lanes of the west roundabout approach.
- Construct proposed shared-use path in the SE quadrant of the intersection. Path will be used as part of the pedestrian detour for Stages 2C-4.

#### Stage 2C

- Continue construction of proposed STH 19 EB lanes of the west roundabout approach.
- Construct of proposed STH 19 EB lanes of the east roundabout approach.
- Construct southern section of roundabout circle.
- Construct south leg of N Westmount Dr.
- Construct temporary pavement on the south edge of proposed EB lanes for use in Stage 3.

#### Stage 3

- Construct proposed STH 19 WB lanes and northern section of roundabout circle.
- Construct north leg of Westmount Dr.

#### Stage 4

- Remove temporary pavement on the south edge of STH 19 EB lanes and complete construction of STH 19 EB shoulder and medians.
- Complete construction in roundabout center circle and truck apron.

#### **Protection of Endangered Bats (Tree Clearing)**

Federally protected bats have the potential to inhabit the project limits because they roost in trees, bridges and culverts. Roosts may not have been observed on this project, but conditions to support the species exist. The species and all active roosts are protected by the federal Endangered Species Act. If

an individual bat or active roost is encountered during construction operations, stop work, and notify the engineer and the WisDOT Regional Environmental Coordinator (REC).

Ensure all operators, employees, and subcontractors working in areas of known or presumed bat habitat are aware of environmental commitments and avoidance and minimization measures (AMMs) to protect both bats and their habitat.

Direct temporary lighting, if used, away from wooded areas during the bat active season April 15 to October 31, both dates inclusive.

The department has contracted with others and will perform the following operations after October 31 and prior to April 15:

- Cutting down and removing trees.

Contractor means and methods to remove additional trees will not be allowed. If it is determined that additional trees with a 3-inch or greater diameter at breast height (dbh) need to be removed beyond contractor means and methods, notify the engineer to coordinate with the WisDOT REC to determine if consultation with United States Fish and Wildlife Service (USFWS) is required. The contractor must be aware that the WisDOT REC and/or USFWS may not permit modifications.

## **4. Traffic.**

### **A General**

STH 19 shall remain open to traffic at all times through all stages. The south leg of N Westmount Dr. (south leg) is closed to through traffic for portions of Stage 2A and 2C. Maintain two-way traffic on N Westmount Dr. in a right in right out only configuration to the extent practical during the stages when no work is occurring at the intersection. The north leg of Westmount Dr. is closed to through traffic during Stage 3 and is in a right in right out only configuration in Stage 2.

STH 19 may be reduced to one lane using flagging operations during off-peak hours (9:00 PM to 6:00 AM) as allowed by the engineer.

Complete culvert replacements at stations 110'EB'+06 and 119'EB'+77 during Stage 1A under flagging during off peak hours (9:00 PM to 6:00 AM) as allowed by the engineer.

Employ such flaggers, signs, barricades, and drums as may be necessary to safeguard or protect hazards in the work zone, such as exposed manholes or drop-offs for vehicles, and direct traffic at locations where construction operations may interfere or restrict the smooth flow of traffic.

Place drums and other temporary traffic control devices on the outer edge of the shoulder when not in use.

Maintain emergency vehicle access to all properties at all times.

Provide the engineer with 24 hour emergency contact information. Adjustments to traffic control deemed necessary by the engineer must be completed within 24 hours of notification by the engineer.

Submit to engineer for approval a detailed traffic control plan for any changes to the proposed traffic control detail as shown on the plans.

The traffic requirements are subject to change at the direction of the engineer in the event of an emergency.

Do not park or store equipment or material not being used during actual performance of the work with in the right-of-way unless otherwise approved by the engineer.

Conduct all operations in a manner that will cause the least interference to traffic movements. Use drums or barricades to protect hazards in the work zone, such as exposed manholes, removed sidewalk areas, or drop-offs for vehicles and pedestrians.

### **B Traffic Control Devices**

Do not switch traffic over to the next construction stage until all signing, pavement marking, and traffic control drums for the stage are in place, and conflicting pavement markings and signs are removed as shown in the traffic control section of the plans and as directed by the engineer. Allowable exceptions to this specification are intersection areas where traffic control cannot be placed until the switch is made.

Traffic control devices not in use shall be removed. The turning of traffic control devices when not in use to obscure the message will not be allowed under this contract.

Equip all vehicles and equipment entering or leaving the live traffic lanes with a hazard identification beam (flashing yellow signal) capable of being visible on a sunny day when viewed without the sun directly on or behind the device from a distance of 1000 feet. Activate the beam when merging into or exiting a live traffic lane.

Provide portable changeable message signs (PCMS) and messages as shown in the plan. PCMS shall be operational 7 days prior to the start of construction.

## **C Traffic Operations**

Maintain traffic as shown on the plans and as briefly described below.

### Stage 1A

- STH 19 two-way traffic on existing lanes during peak hours.
- STH 19 reduced to one lane with flagging during off peak hours.
- Existing sidewalk on N. Westmount Dr. and shared-use path on the south side of STH 19 remain open.

### Stage 1B

- STH 19 two-way traffic on existing lanes.
- Close Westmount Dr. when work is occurring at the intersection. Reopen the intersection at the end of each work day.
- Existing sidewalk on N. Westmount Dr. and shared-use path on the south side of STH 19 remain open.

### Stage 2A

- Shift STH 19 traffic north onto temporary and existing pavements.
- Close N Westmount Dr (south leg).
- Westmount Dr. (north leg) is right in right out only.
- From the east, pedestrians detoured into existing STH 19 EB lanes within closure, cross N Westmount Dr. at existing crossing, and then uses existing shared-use path around to Edmonton Dr. and then back to N Westmount Dr.

### Stage 2B

- STH 19 traffic pattern unchanged from Stage 2A
- Reopen N Westmount Dr. (south leg) on temporary pavement at water main replacement. N Westmount Dr. is right in right out only.
- Westmount Dr. (north leg) traffic pattern unchanged from Stage 2A.
- From the east, pedestrians detoured into existing STH 19 EB lanes within closure, cross N Westmount Dr. at existing crossing, and then along the western side of N Westmount Dr. on existing sidewalk and temporary pedestrian asphalt.

### Stage 2C

- STH 19 traffic pattern unchanged from Stage 2A
- Maintain two-way traffic on N Westmount Dr. (south leg) in a right in right out only configuration to the extent practical during this stage when no work is occurring at the intersection. Close N Westmount Dr. once construction of the center circle begins.
- Westmount Dr. (north leg) traffic pattern unchanged from Stage 2A.
- From the east, pedestrians detoured on proposed shared-use path and existing sidewalk down the east side of N Westmount Dr., crosses N Westmount Dr. at Edmonton Dr., and then along the north side of Edmonton Dr. to the existing shared-use path.

### Stage 3

- Shift STH 19 lanes south onto proposed completed lanes and temporary pavement.
- N Westmount Dr. open to traffic in a right in right out configuration.
- Close Westmount Dr. (north leg).

- From the east, pedestrians detoured on proposed and existing sidewalk down the west side of N Westmount Dr. and then along the north side of Edmonton Dr. to the existing shared-use path.

#### **Stage 4**

- STH 19 EB and WB traffic on proposed completed lanes through the roundabout.
- N Westmount Dr. (south leg) and Westmount Dr. (north leg) on proposed completed lanes.
- Roundabout fully open to traffic.
- Pedestrian detour route unchanged from Stage 3.

#### **D Access**

Maintain local vehicle traffic access to properties within the work zone that do not have alternate access available outside of the work zone at all times. Do not restrict or close access to a property without notifying the property owner, resident, or business a minimum of 48 hours in advance.

Maintain ramped driveway access at a maximum slope of 10% on existing driveway surface, compacted base aggregate dense, or finished driveway surface.

#### **E Advance Notice**

Notify local law enforcement and emergency personnel a minimum of 72 hours in advance of switching traffic patterns for staged construction, shoulder and lane closures, road closures, or otherwise restricting traffic flow. Include notifications to the following agencies:

- Dane County Sheriff's Department
- City of Sun Prairie Police Department
- City of Sun Prairie Fire Department & Emergency Medical Services
- City of Sun Prairie Engineering Department
- Dane County 911 Center

#### **F Wisconsin Lane Closure System Advance Notification**

Provide the following advance notification to the engineer for incorporation into the Wisconsin Lane Closure System (LCS).

**TABLE 108-1 CLOSURE TYPE AND REQUIRED MINIMUM ADVANCE NOTIFICATION**

<b>Closure type with height, weight, or width restrictions (available width, all lanes in one direction &lt; 16 feet)</b>	<b>MINIMUM NOTIFICATION</b>
Lane and shoulder closures	7 calendar days
Full roadway closures	7 calendar days
Ramp closures	7 calendar days
Detours	7 calendar days
<b>Closure type without height, weight, or width restrictions (available width, all lanes in one direction ≥ 16 feet)</b>	<b>MINIMUM NOTIFICATION</b>
Shoulder Closures	3 calendar days
Lane closures	3 business days
Ramp closures	3 business days
Modifying all closure types	3 business days

Discuss LCS completion dates and provide changes in the schedule to the engineer at weekly project meetings in order to manage closures nearing their completion date.

#### **Temporary Regulatory Speed Limit Reduction**

Ensure that all traffic control signs and systems for reducing the speed limit to 35 mph are in place prior to starting work operations. Post the speed reduction only during construction stages with extreme shifts and narrow lanes. At all other times, the speed limit shall remain at 45 mph.

During engineer-approved regulatory speed limit reductions, install speed reduction signing. When construction activities impede the location of a post-mounted regulatory speed limit sign, relocate the sign for maximum visibility to motorists.

## 5. Holiday and Special Event Work Restrictions.

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying STH 19 traffic, and entirely clear the traveled way and shoulders of such portions of the highway of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday and special event periods:

- From noon Friday, May 22, 2026 to 6:00 AM Tuesday, May 26, 2026, Memorial Day;
- From noon Friday, July 3, 2026 to 6:00 AM Monday, July 6, 2026 Independence Day;
- From noon Friday, September 4, 2026 to 6:00 AM Tuesday, September 8, 2026 Labor Day.

stp-107-005 (20210113)

## 6. Utilities.

This contract comes under the provision of Administrative Rule Trans 220.

The utility work plan includes additional detailed information regarding the location of known discontinued, relocated, or removed utility facilities. These can be requested from the department during the bid preparation process, or from the project engineer after the contract has been awarded and executed.

Some of the utility work described below is dependent on prior work being performed by the contractor at a specific site. In such situations, provide the engineer and the affected utility a good faith notice of when the utility is to start work at the site. Provide the notice 14 to 16 calendar days in advance of when the prior work will be completed and the site will be available to the utility. Follow-up with a confirmation notice to the engineer and the utility not less than 3 working days before the site will be ready for the utility to begin its work.

stp-107-065 (20240703)

Any utility facility locations (stations, offsets, elevations, depths) listed in this article are approximate.

### Projects 6085-02-76 and 6085-02-78

**Alliant Energy (Electricity)** has an electric distribution line overhead facilities underbuilt on ATC transmission poles.

Alliant Energy will remove the transformer on ATC pole at Station 113+30, 60' Lt and move their overhead line to new ATC poles. Alliant Energy will restore service to the building to the northwest corner of Westmount Drive underground from the new ATC pole at approximate Station 113+10, 60' Lt.

This work is anticipated to start March 6, 2026 and take 2 working days.

The Alliant Energy overhead line can be covered by notifying them, as described above, prior to light pole work in that vicinity.

**ATC Management, Inc. (Electricity Transmission)** has overhead 69 kV transmission facilities inside the north right-of-way line of STH 19. Alliant Energy- Electric and Spectrum Communications are underbuilt on these poles.

ATC will relocate two poles. Existing structure 132, located approximately at Station 205+57'NB' on the northeast section of the roundabout, will be relocated along the existing transmission line alignment approximately 55 feet to the east. Existing structure 131, located approximately at Station 113+30'WB', 60' Lt will be relocated along the existing transmission line alignment approximately 10 feet to the west. They must coordinate with Spectrum and MCI to maintain clearance along the STH 19 north right-of-way line.

This work is anticipated to start on February 26, 2026 and take 10 working days.

**City of Sun Prairie (Sewer)** has facilities south of the project construction limits at approximate Station 202+25'NB' on Westmount Drive. No conflict is anticipated.

**Everstream (Communications)** has underground fiber optic cable at approximately 20'-30' south of the existing roadway pavement.

Everstream will lower this line in place from Station 116+00'EB' to 117+50'EB' to avoid proposed storm sewer.

This work will be completed prior to construction.

**Frontier Communications of WI LLC (Communications)** has existing underground fiber optic and copper cable along both the north and south sides of STH 19 and crossing at approximate Station 114+05'WB' and 122+50'WB'. They also have underground north of STH 19 on the east side of Westmount Drive and south of STH 19 on the west side of Westmount Drive.

Frontier will relocate all facilities between Station 108+41'EB' (proposed HH and pedestal) and 122+63'EB' (existing HH) with new underground fiber optic and copper cables in two 1.25" conduits, 3' inside the south right-of-way line, and crossing STH 19 at Station 108+41'EB' to existing facilities on both sides. They will discontinue the line along Westmount Drive south of STH 19. They will install a new line for Westmount Drive north crossing STH 19 at approximate Station 113+98'EB' and following the north right-of-way of STH 19 to the west right-of-way of Westmount Drive. They must coordinate with Spectrum and MCI along the west right-of-way line.

This work is anticipated to start November 1, 2025, and take 60 working days.

**MCI (Communications)** has a fiber optic cable along the north side of STH 19 inside the north right-of-way line.

MCI will replace the line and handholes, from Fox Run on the west, to east of Charlotte's Way on the east, and going north to cross Westmount Ave at approximate Station 206+20'SB' and back south to the STH 19 right-of-way. This will be bored at 36" depth and 3 feet from the proposed north right-of-way line, except at 72" depth in vicinity of culverts at Stations 110+06'EB' and 119+77'EB'. They will make accommodations in their alignment for ATC electric transmission poles relocated as described above. They must coordinate with ATC, Frontier, and Spectrum along the right-of-way lines of Westmount Drive.

This work is anticipated to start March 1, 2026, and take 15 working days.

**Spectrum (Communications)** has overhead fiber optic and coaxial facilities underbuilt on ATC transmission poles.

Spectrum will move their overhead line to the new ATC pole west of Westmount Drive and continue west overhead. They will riser down this new pole and install new underground fiber optic in 2" conduit east inside the right-of-way line, then north within Westmount Drive west right-of-way, crossing Westmount at approximate Station 207+20'SB', continuing east and riser up the existing ATC pole at approximate Station 118+10'WB' and continuing east overhead. They must coordinate with ATC, Frontier, and MCI along the right-of-way lines of Westmount Drive.

Spectrum will install a new pedestal at approximate Station 114+80 Lt. inside the north right-of-way line.

This work will be completed prior to construction.

**Sun Prairie Utilities (Water)** has facilities along the south side of STH 19 from Station 114+00'EB' and through the east project limits, and south along Westmount Drive under the east half of the pavement.

Sun Prairie Utilities- Water facilities will be reconstructed with 12" ductile iron water main and 2 relocated fire hydrants under this WisDOT project (ID 6085-02-78).

Perform this work in accordance with the requirements of the Trench Backfill – Water Main, Abandon Existing Water Main (Slurry Fill), Remove Existing Hydrant, Abandon Existing Valve & Box, Valve and Road Box 6-Inch, Valve and Road Box 12-Inch, Fire Hydrant, Tee 12-Inch x 6-Inch, Tee 12-Inch x 12-Inch, 22.5 Degree Bend 12-Inch, 45 Degree Bend 12-Inch, Reducer 12-Inch x 6-Inch, Connect to Existing Water Main, Utility Line Opening (ULO), Dewatering, Fire Hydrant Extension 6-Inch, Remove Existing Water Main, Ductile Iron Water Main 6-Inch, and Ductile Iron Water Main 12-Inch bid items.

**Sun Prairie Utilities (Electricity)** has a underground facilities located south of the STH 19 south right-of-way line and west of Westmount Drive. No conflicts are anticipated.

**TDS Metrocom LLC (Communications)** has underground fiber optic cable along the south right-of-way of STH 19 from the west project limits to the west side of Westmount Drive and continuing through the south project limits. They also have facilities along the south right-of-way of STH 19 from Station 122+50'EB' through the east project limits. Notify TDS as described above to have an observer on site when excavating near their line to assist with locating and measurement for reassurance.

**We Energies (Gas)** has a 4" PE gas main north of the existing roadway through the project limits. They also have a 2" PE gas line going north along the east right-of-way line of Westmount Drive and a 4" gas main crossing STH 19 and proceeding south along the west right-of-way line of Westmount Drive. They have a 6" PE gas main south of the existing roadway from the west side of Westmount Drive and continuing through the east project limits.

We Energies will bore a replacement section of 4" PE gas line on the west side of Westmount Drive from approximate Station 203+50' SB' to 204+30' SB', west of the existing facility and crossing below the proposed storm sewer at 70" below grade and above the proposed water at 48" below grade.

This work is anticipated to start in February 2026 and take 3 working days.

## **7. Work by Others – Street Lighting Removal.**

Sun Prairie Utilities will remove two existing street light poles, one on either side of N Westmount Dr. The lighting source wire will remain, but will be completely disconnected from the source transformer.

This work will be completed prior to construction.

## **8. Information to Bidders, U.S. Army Corps of Engineers Section 404 Permit.**

The department has received written verification of coverage under the Section 404 Transportation Regional General Permit from the U.S. Army Corps of Engineers. Comply with the requirements of the permit in addition to requirements of the special provisions.

A copy of the permit is available from the regional office by contacting Amy Coughlin at (608) 245-5358.

If the contractor requires work outside the proposed slope intercepts, based on their method of operation to construct the project, it is the contractor's responsibility to determine whether a U.S. Army Corps of Engineers Section 404 permit modification is required. If a Section 404 permit modification is necessary, obtain the permit modification prior to beginning construction operations requiring the permit. No time extensions as discussed in standard spec 108.10 will be granted for the time required to apply for and obtain the permit modification. The contractor must be aware that the U.S. Army Corps of Engineers may not grant the permit modification request.

stp-107-054 (20230629)

## **9. Information to Bidders, WPDES Transportation Construction General Permit (TCGP) for Storm Water Discharges.**

The calculated land disturbance for the project site is 4.81 acres.

The department has obtained permit coverage through the Wisconsin Department of Natural Resources to discharge storm water associated with land disturbing construction activities under this contract. Conform to all permit requirements for the project.

This permit is the Wisconsin Pollutant Discharge Elimination System, Transportation Construction General Permit, (WPDES Permit No. WI-S066796-2). The permit can be found at:

<https://widnr.widen.net/s/s5mwp2gd7s/finalsIGNEDWISDOTCSP>

A "Certificate of Permit Coverage" is available from the regional office by contacting Amy Coughlin at (608) 245-5358. Post the "Certificate of Permit Coverage" in a conspicuous place at the construction site.

Permit coverage for additional land disturbing construction activities related to contractor means and methods will be considered as part of the ECIP review and approval process. Coverage under the TCGP for additional land disturbance areas will be considered if the areas meet all of the following:

- Must meet the permit's applicability criteria.
- Must be for the exclusive use of a WisDOT project.
- Land disturbance first commences after the ECIP approval, and the areas are fully restored to meet the final stabilization criteria of the permit upon completion of the work.

The contractor is responsible for obtaining any permits for areas that are not approved by the department for coverage under the TCGP.

stp-107-056 (20250108)

## **10. Environmental Protection, Aquatic Exotic Species Control.**

Exotic invasive organisms such as VHS, zebra mussels, purple loosestrife, and Eurasian water milfoil are becoming more prolific in Wisconsin and pose adverse effects to waters of the state. Wisconsin State Statutes 30.07, "Transportation of Aquatic Plants and Animals; Placement of Objects in Navigable Waters", details the state law that requires the removal of aquatic plants and zebra mussels each time equipment is put into state waters.

At construction sites that involve navigable water or wetlands, use the following cleaning procedures to minimize the chance of exotic invasive species infestation. Use these procedures for all equipment that comes in contact with waters of the state and/or infested water or potentially infested water in other states.

Ensure that all equipment that has been in contact with waters of the state, or with infested or potentially infested waters, has been decontaminated for aquatic plant materials and zebra mussels before being used in other waters of the state. Before using equipment on this project, thoroughly disinfect all equipment that has come into contact with potentially infested waters. Guidelines from the Wisconsin Department of Natural Resources for disinfection are available at:

<http://dnr.wi.gov/topic/invasives/disinfection.html>

Use the following inspection and removal procedures:

1. Before leaving the contaminated site, wash machinery and ensure that the machinery is free of all soil and other substances that could possibly contain exotic invasive species;
2. Drain all water from boats, trailers, bilges, live wells, coolers, bait buckets, engine compartments, and any other area where water may be trapped;
3. Inspect boat hulls, propellers, trailers and other surfaces. Scrape off any attached mussels, remove any aquatic plant materials (fragments, stems, leaves, seeds, or roots), and dispose of removed mussels and plant materials in a garbage can before leaving the area or infested waters; and
4. Disinfect your boat, equipment and gear by either:
  - 4.1. Washing with ~212 F water (steam clean), or
  - 4.2. Drying thoroughly for five days after cleaning with soap and water and/or high pressure water, or
  - 4.3. Disinfecting with either 200 ppm (0.5 oz per gallon or 1 Tablespoon per gallon) Chlorine for 10-minute contact time or 1:100 solution (38 grams per gallon) of Virkon Aquatic for 20- to 30-minute contact time. Note: Virkon is not registered to kill zebra mussel veligers nor invertebrates like spiny water flea. Therefore, this disinfect should be used in conjunction with a hot water (>104° F) application.

Complete the inspection and removal procedure before equipment is brought to the project site and before the equipment leaves the project site.

stp-107-055 (20130615)

## **11. Notice to Contractor, Wetlands**

Stripped wetland soils shall be stockpiled and reused in applicable areas. These areas shall be seeded with WisDOT seed mix 60.

## **12. Coordination with Businesses and Residents.**

The contractor shall arrange and conduct a meeting between the contractor, the department, affected residents, local officials and business people to discuss the project schedule of operations including vehicular and pedestrian access during construction operations. Hold the first meeting at least one week before the start of work under this contract and no further meetings will be required unless directed by the engineer. The contractor shall arrange for a suitable location for meetings that provides reasonable accommodation for public involvement. The department will prepare and coordinate publication of the

meeting notices and mailings for meetings. The contractor shall schedule meetings with at least 2 weeks' prior notice to the engineer to allow for these notifications.

stp-108-060 (20141107)

### **13. Public Convenience and Safety.**

*Revise standard spec 107.8(6) as follows:*

Check for and comply with local ordinances governing the hours of operation of construction equipment. Do not operate motorized construction equipment from 9:00 PM until the following 7:00 AM, unless prior written approval is obtained from the engineer. Overnight culvert work to be performed is allowed outside of these hours.

stp-107-001 (20060512)

### **14. Referenced Construction Specifications.**

Construct the work enumerated below conforming to the City of Sun Prairie Standard Specifications for Public Work Improvements, latest edition. If there is a discrepancy or conflict between the referenced specification and the standard specifications regarding contract administration, part 1 of the standard specifications governs.

Conform to the referenced construction specifications for the following:

Water main materials and construction.

stp-105-002 (20130615)

### **15. Municipality Acceptance of Water Main Construction.**

Both the department and City of Sun Prairie personnel will inspect materials placement of water main under this contract. However, construction staking, post-placement testing of the system, and final acceptance of the water main construction will be by the City of Sun Prairie.

stp-105-001 (20250701)

### **16. Temporary Lane Shift During Culvert Work, Item 208.1500.S.**

#### **A Description**

This special provision describes the construction of a temporary lane shift to maintain traffic with a one-lane roadway around culvert work.

#### **B (Vacant)**

#### **C Construction**

Place fill and base aggregate dense as needed to maintain traffic through the lane shift.

Furnish materials and construct conforming to the following standard specs:

Common excavation, material removal, and disposal .....	205
Borrow.....	208
Base Aggregate Dense.....	305

Do pertinent construction staking according to standard spec 650 for the temporary lane shift.

Construct to appropriate widths and material thicknesses. Remove materials once the lane shift is no longer needed to maintain traffic.

## **D Measurement**

The department will measure Temporary Lane Shift During Culvert Work as a single unit for each temporary roadway, acceptably completed.

## **E Payment**

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
208.1500.S	Temporary Lane Shift During Culvert Work	EACH

Payment is full compensation for placing, removing and disposal of fill material, including any base aggregate dense used for the driving surface; and associated construction staking.

The department will pay separately for traffic control and erosion control items.

stp-208-010 (20210708)

## **17. Base Aggregate Dense 3/4-Inch, Item 305.0110.**

*Add the following to standard spec 301.2.4.3:*

Furnish only aggregate classified as crushed stone for Dense 3/4-Inch when used in the top 3 inches of the unpaved portion of the shoulder or for unpaved driveways and field entrances.

swr-305-001 (20170711)

## **18. Base Aggregate Dense 1 1/4-Inch, Item 305.0120.**

*Add the following to standard spec 305.2.2.1:*

When 1 1/4-Inch base aggregate is  $\geq$  50 percent crushed gravel, conform to the following gradation requirements:

SIEVE	PERCENT PASSING BY WEIGHT
1 1/4 inch	95 - 100
1 inch	---
3/4 inch	70 - 90
3/8 inch	45 - 75
No. 4	30 - 60
No. 10	20 - 40
No. 40	7 - 25
No. 200	3 - 10 <sup>[1]</sup>

<sup>[1]</sup> Limited to a maximum of 8.0 percent for base placed between old and new pavement.

swr-305-002 (20170711)

## **19. Cover Plates Temporary, Item 611.8120.S.**

### **A Description**

This special provision describes providing and removing steel plates to cover and support asphaltic pavement and traffic loading at manholes, inlets and similar structures during milling and paving operations.

### **B Materials**

Provide a 0.25 inch minimum thickness steel plate that extends to the outside edge of the existing masonry.

### **C (Vacant)**

**D Measurement**

The department will measure Cover Plates Temporary as each individual unit, acceptably completed.

**E Payment**

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
611.8120.S	Cover Plates Temporary	EACH

Payment is full compensation for furnishing, installing, and removing the cover plates.

The steel plates shall become the property of the contractor when no longer needed in the contract work.

stp-611-006 (20151210)

**20. Insulation Board Polystyrene, 2-Inch, Item 612.0902.S.****A Description**

This special provision describes furnishing and placing polystyrene insulation board as the plans show.

**B Materials**

Provide polystyrene insulation board that conforms to the requirements for Extruded Insulation Board, AASHTO Designation M230 as modified in this special provision.

Delete flammability requirement.

**B.1 Certification**

Before installation, obtain from the manufacturer a certification indicating compliance and furnish it to the project engineer.

**C (Vacant)****D Measurement**

The department will measure Insulation Board Polystyrene, 2-Inch by area in square yards of work, completed and accepted.

**E Payment**

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
612.0902.S	Insulation Board Polystyrene, 2-Inch	SY

Payment is full compensation for all excavation; and for furnishing and placing the insulation board.

stp-612-005 (20030820)

**21. Removing Signs Type II, Item 638.2602.**

Perform this work according to the pertinent requirements of standard spec 638 and as hereinafter provided.

Existing road name, bike, and weight limit signs removed under bid item Removing Signs Type II become property of City of Sun Prairie.

Store the signs on the right-of-way, outside the limits of construction at a location approved by the engineer.

Upon completion of the removal and storage of the signing materials, contact Tom Culbertson at (608) 235-4273 to schedule pick up of the materials.

## 22. **Nighttime Work Lighting-Stationary.**

### **A Description**

This special provision describes furnishing portable lighting as necessary to complete nighttime work. Nighttime operations consist of work specifically scheduled to occur after sunset and before sunrise.

### **B (Vacant)**

### **C Construction**

#### **C.1 General**

This provision shall apply when providing, maintaining, moving, and removing portable light towers and equipment-mounted lighting fixtures for nighttime stationary work operations, for the duration of nighttime work on the contract.

At least 14 days before the nighttime work, furnish a lighting plan to the engineer for review and acceptance. Address the following in the plan:

1. Layout, including location of portable lighting – lateral placement, height, and spacing. Clearly show on the layout the location of all lights necessary for every aspect of work to be done at night.
2. Specifications, brochures, and technical data of all lighting equipment to be used.
3. The details on how the luminaires will be attached.
4. Electrical power source information.
5. Details on the louvers, shields, or methods to be employed to reduce glare.
6. Lighting calculations. Provide illumination with average to minimum uniformity ratio of 5:1 or less throughout the work area.
7. Detail information on any other auxiliary equipment.

#### **C.2 Portable Lighting**

Provide portable lighting that is sturdy and free standing and does not require any guy wires, braces, or any other attachments. Furnish portable lighting capable of being moved as necessary to keep up with the construction project. Position the portable lighting and trailers to minimize the risk of being impacted by traffic on the roadway or by construction traffic or equipment. Provide lightning protection for the portable lighting. Portable lighting shall withstand up to 60 mph wind velocity.

If portable generators are used as a power source, furnish adequate power to operate all required lighting equipment without any interruption during the nighttime work. Provide wiring that is weatherproof and installed according to local, state, federal (NECA and OSHA) requirements. Equip all power sources with a ground-fault circuit interrupter to prevent electrical shock.

#### **C.3 Light Level and Uniformity**

Position (spacing and mounting height) the luminaires to provide illumination with an average to minimum uniformity ratio of 5:1 or less throughout the work area.

Illuminate the area as necessary to incorporate construction vehicles, equipment, and personnel activities.

#### **C.4 Glare Control**

Design, install, and operate all lighting supplied under these specifications to minimize or avoid glare that interferes with all traffic on the roadway or that causes annoyance or discomfort for properties adjoining the roadway. Locate, aim, and adjust the luminaires to provide the adequate level of illumination and the specified uniformity in the work area without the creation of objectionable glare.

Provide louvers, shields, or visors, as needed, to reduce any objectionable levels of glare. As a minimum, ensure the following requirements are met to avoid objectionable glare on the roadways open to traffic in either direction or for adjoining properties:

1. Aim tower-mounted luminaires, either parallel or perpendicular to the roadway, so as to minimize light aimed toward approaching traffic.
2. Aim all luminaires such that the center of beam axis is no greater than 60 degrees above vertical (straight down).

If lighting does not meet above-mentioned criteria, adjust the lighting within 24 hours.

## **C.5 Continuous Operation**

Provide and have available sufficient fuel, spare lamps, generators, and qualified personnel to ensure that the lights will operate continuously during nighttime operation. In the event of any failure of the lighting system, discontinue the operation until the adequate level of illumination is restored. Move and remove lighting as necessary.

### **D (Vacant)**

### **E Payment**

Costs for furnishing a lighting plan, and for providing, maintaining, moving, and removing portable lighting, tower mounted lighting, and equipment-mounted lighting required under this special provision are incidental to the contract.

stp-643-010 (20100709)

## **23. Locating No-Passing Zones, Item 648.0100.**

For this project, the spotting sight distance in areas with a 45 mph posted speed limit is 0.16 miles (845 feet).

Contact Jeff Holloway, (608) 246-3268, prior to locating no-passing zones or placing permanent pavement marking.

stp-648-005 (20060512)

## **24. Trench Backfill – Water Main, Item SPV.0035.01.**

### **A Description**

This special provision describes providing Trench Backfill – Water Main, in accordance with the City of Sun Prairie Standard Specifications.

### **B Materials**

Provide materials according to the requirements of the City of Sun Prairie Standard Specifications.

### **C Construction**

Construct according to the requirements of the City of Sun Prairie Standard Specifications.

### **D Measurement**

The department will measure Trench Backfill – Water Main, acceptably completed.

### **E Payment**

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0035.01	Trench Backfill – Water Main	CY

Payment is full compensation for all work herein specified in accordance with the City of Sun Prairie Standard Specifications.

## **25. Temporary Lighting System, Item SPV.0060.01.**

### **A Description**

This special provision describes furnishing, installing, adjusting, maintaining, and removing temporary lighting system. This temporary lighting system includes wood poles and guy wires (as required to provide a complete system), and aerial cable. Refer to Standard Specification 661.

### **B Materials**

Furnish aerial cable consisting of an assembly of three No. 4 XLP insulated power conductors with an

ACSR messenger (grounding) wire. Provide the quantity of parallel cable assemblies necessary to maintain lighting circuits.

Furnish Class 4 wood poles of adequate length to provide intersection lighting at a 30-feet mounting height using LED C luminaires at the approximate locations shown on the plan.

Protect any cable that extends from grade to 10 feet above grade by a plastic or PVC guard.

### **C Construction**

Prior to construction Stage 4, install and maintain temporary lighting. Temporary lighting may be fed overhead from the proposed cabinet/electrical service at station 116+75 in the northeast quadrant of the intersection, or a separate temporary service may be arranged by the Contractor at their expense. Coordinate temporary wood pole placement with the Engineer prior to installation.

Provide off-hour contact name(s) and phone number(s) to the Dane County Sheriff's Department for repair purposes and be able to respond within 2 hours to the project site for knockdowns or other work that must be completed in a timely manner. All other maintenance needs shall be completed within 24 hours of notification.

Remove temporary lighting after permanent signal cabinet and wiring has been installed and new permanent lighting is operational.

### **D Measurement**

The department will measure Temporary Lighting System as each individual temporary lighting system, acceptably completed.

### **E Payment**

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.01	Temporary Lighting System	EACH

Payment is full compensation for furnishing, installing and removing any necessary wood poles, aerial cable, for maintaining lighting units, for temporary electrical service and for furnishing and installing all coiling and splice connectors. Work including pulling cable and making final connections for the permanent intersection lighting will be paid for under the general signal items unit price per quantity.

## **26. Construction Staking Roundabout, Item SPV.0060.02.**

### **A Description**

This special provision describes providing the contractor-performed construction staking required to establish the horizontal and vertical position of the following items contained within the roundabout. The limits of this item extends to the end of the splitter islands at the roundabout. The standard Construction Staking bid items will be used in areas outside the limits of this special provision.

- Subgrade
- Base
- Curb and Gutter
- Curb Ramps
- Supplemental Control
- Slope Stakes

### **B (Vacant)**

### **C Construction**

Perform Construction Staking Roundabout according to the pertinent provisions of standard spec 650.

### **D Measurement**

The department will measure Construction Staking Roundabout as a single unit for the roundabout, acceptably completed.

### **E Payment**

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.02	Construction Staking Roundabout	EACH

Payment is full compensation to locate and set all construction stakes; for maintaining, relocating, and resetting construction stakes at the roundabout throughout all project stages.

The department will not make final payment for this bid item until the contractor submits all survey notes and computations used to establish the required lines and grades to the engineer within 21 days of completing this work. The department will deduct from payments due the contractor for the additional costs specified in standard spec 105.6.

## 27. Research and Locate Existing Land Parcel Monuments, Item SPV.0060.03.

### A Description

This special provision describes researching and locating existing land parcel or boundary monuments located in permanent easements, temporary easements, or construction permit areas, which may be lost or disturbed by construction operations.

This provision does not relinquish the contractor's responsibility of standard spec 107.11.

### B (Vacant)

### C Construction

Perform work by, or under the direction of, a professional land surveyor licensed in the State of Wisconsin.

Before construction, research, locate and document monuments located in permanent easements, temporary easements, and construction permit areas. Establish coordinate ties to the monuments to satisfy Wisconsin Administrative Code Chapter AE-7.

Prepare a monument location map showing the type of monuments found and their coordinates. The transportation project plat (TPP) is acceptable as a base map for the monument location map. Provide a copy of the monument location map to the engineer, Dane County Surveyor and SW Region-Madison Plat Coordinator.

Verify and reset monument locations after construction is complete under the item titled "Verify and Replace Existing Land Parcel Monuments."

### Contact Information

WisDOT SW Region - Madison Plat Coordinator

Joerg Feldbinder  
608-785-9037  
[joerg.feldbinder@dot.wi.gov](mailto:joerg.feldbinder@dot.wi.gov)

Dane County Surveyor

Daniel Frick  
608-266-4252  
[frick@countyofdane.com](mailto:frick@countyofdane.com)

### D Measurement

The department will measure Research and Locate Existing Land Parcel Monuments as each individual monument acceptably completed.

### E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.03	Research and Locate Existing Land Parcel Monuments	EACH

Payment is full compensation for all research, field survey, locating, and data recording necessary to locate and establish coordinates for existing monuments within the construction limits before construction; furnishing a professional land surveyor; preparing, annotating, and delivering the monument location map.

## 28. Verify and Replace Existing Land Parcel Monuments, Item SPV.0060.04.

### A Description

This special provision describes verifying the final location of, and replacing existing land parcel or boundary monuments, previously located under the item "Research and Locate Existing Land Parcel Monuments", that are lost or disturbed by construction operations.

This provision does not relinquish the contractor's responsibility of standard spec 107.11.

### B Materials

Provide minimum sized replacement monuments as follows:

- Locations outside of pavement areas:
  - 1-inch inside diameter by 24-inch long iron pipe
  - 3/4-inch diameter by 24-inch long rod or rebar
- Locations in asphalt pavement areas:
  - Survey spike
  - Mag nail
- Locations in concrete pavement areas:
  - Drilled hole
  - Chiseled mark

### C Construction

Perform work by, or under the direction of, a professional land surveyor licensed in the State of Wisconsin.

After construction is completed, verify the location of all monuments previously located with the item "Research and Locate Existing Land Parcel Monuments". Replace any monuments that were disturbed or destroyed to current minimum state survey standards.

Prepare a monument location map showing the type of monuments originally found, the type of replacement monuments used to replace the disturbed or destroyed monuments, and monument coordinates. The transportation project plat (TPP) is acceptable as a base map for the monument location map. Create the location map with a PDF editing tool such as Adobe or Bluebeam. The monument location map shall explicitly state that the replaced monuments are not being certified as actual land parcel or boundary monuments, only that evidence of monuments were found and replaced. Attach a cover letter to the location map that contains a brief synopsis of the work completed. The cover letter shall be signed, stamped, and dated by a professional land surveyor. Provide a copy of the monument location map and cover letter to the engineer, the Dane County Surveyor, and the SW Region-Madison Plat Coordinator.

### Contact Information

WisDOT SW Region - Madison Plat Coordinator

Joerg Feldbinder  
608-785-9037  
[joerg.feldbinder@dot.wi.gov](mailto:joerg.feldbinder@dot.wi.gov)

Dane County Surveyor

Daniel Frick  
608-266-4252  
[frick@countyofdane.com](mailto:frick@countyofdane.com)

### D Measurement

The department will measure Verify and Replace Existing Land Parcel Monuments as each individual monument acceptably completed.

### E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.04	Verify and Replace Existing Land Parcel Monuments	EACH

Payment is full compensation for all survey work necessary to verify the location of all monuments previously located under the item "Research and Locate Existing Land Parcel Monuments"; replacing monuments that were disturbed or destroyed from their original location; furnishing monuments or other necessary tools; furnishing a professional land surveyor; preparing, annotating and delivering the monument location map and cover letter.

**29. Rectangular Rapid Flashing Beacon (RRFB) System, Item SPV.0060.05.**

**A Description**

This work shall consist of furnishing and installing a solar powered rectangular rapid flashing beacon (RRFB) system consisting of multiple assemblies as described herein and as shown in the plans. Each assembly shall be solar powered and pedestrian activated.

The assemblies shall be wirelessly controlled, and multiple units shall be synchronized by direction to facilitate a two-stage crossing.

Furnish proposed system to engineer for review.

**B Materials**

Furnish a complete RRFB system with four assemblies. Each assembly may consist of, but is not limited to, light indications, wireless communication equipment, solar power equipment, and electrical components (wiring, solid-state circuit boards, etc.). An assembly may include the following items:

**Rectangular Rapid Flashing Beacon:**

Each RRFB assembly shall satisfy the FHWA Interim Approval for Optional Use of Pedestrian-Actuated Rectangular Rapid Flashing Beacons at Uncontrolled Marked Crosswalks (IA-21), dated March 20, 2018, and all subsequent FHWA Official Interpretation Letters and the Manual on Uniform Traffic Control Devices (MUTCD), including the unit size, mounting location, flash rate, and operational parameters unless modified herein by this special provision. The RRFB assembly shall be programmable to allow the Owning Authority to set the duration of the flashing beacon display based on the crossing time requirements established in the MUTCD.

**Signs:**

All signs shall be provided under separate bid items.

The assemblies must be constructed to allow the appropriate space for the installation of the signs in the field.

**Solar Power Supply:**

The solar power supply shall be fully weather, corrosion and vandal resistant. It shall be power autonomous without need of an external power supply. The batteries shall be sealed, maintenance free, and field-replaceable independently of other components. The battery shall have a minimum rated life span of three years. The power supply system shall have the capacity to operate the RRFB for 10 days at a normal use of 50 activations of 30 seconds each per day without solar charging. The manufacturer shall provide documentation for each installation consisting of solar power calculations to verify load, duty cycle and battery capacity based on location.

The solar panel shall be installed at the highest point on the assembly structure, or as directed by the engineer, away from the travelled way. The solar panel shall be installed at an angle specified by the manufacturer facing due south with full unobstructed solar exposure for optimum performance of the system, or as recommended by the manufacturer and directed by the engineer.

**Hardware:**

Furnish all hardware, connections, etc. to make the RRFB system fully operational.

**Other Items:**

The following items shall be provided under separate bid items:

Concrete Base Type 1

Pedestal Bases

Traffic Signal Standards Aluminum 13-FT

### **C Construction**

Construct the RRFB system as shown on the plans and according to the manufacturer's instructions. Make the RRFB system fully operational.

### **D Measurement**

The department will measure Rectangular Rapid Flashing Beacon (RRFB) System as a single unit of work for each location, acceptably completed.

### **E Payment**

The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.05	Rectangular Rapid Flashing Beacon (RRFB) System	EACH

Payment is full compensation for furnishing and installing a fully operational RRFB system including wiring, all necessary mounting hardware and appurtenances, shop drawings, manuals and instruction in programming and operation of the controller; and for labor, equipment, tools, and incidentals necessary to complete a working system. Signs, concrete bases, push buttons, pedestal bases, and traffic signal standards are listed elsewhere in the plan, and not considered part of this bid item.

**30. Abandon Existing Water Main (Slurry Fill), Item SPV.0060.06;  
Remove Existing Hydrant, Item SPV.0060.07;  
Abandon Existing Valve & Box, Item SPV.0060.08;  
Remove Existing Water Main, Item SPV.0090.01.**

### **A Description**

This special provision describes providing Abandon Existing Water Main (Slurry Fill); Remove Existing Hydrant; Abandon Existing Valve & Box in accordance with the City of Sun Prairie Standard Specifications.

### **B Materials**

Provide materials according to the requirements of the City of Sun Prairie Standard Specifications.

### **C Construction**

Construct according to the requirements of the City of Sun Prairie Standard Specifications.

### **D Measurement**

The department will measure Abandon Existing Water Main (Slurry Fill); Remove Existing Hydrant; Abandon Existing Valve & Box Remove Existing Water Main by the EACH or Lineal Foot (LF), acceptably completed.

### **E Payment**

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.06	Abandon Existing Water Main (Slurry Fill)	EACH
SPV.0060.07	Remove Existing Hydrant	EACH
SPV.0060.08	Abandon Existing Valve & Box	EACH
SPV.0090.01	Remove Existing Water Main	LF

Payment is full compensation for all work herein specified in accordance with the City of Sun Prairie Standard Specifications.

31. **Valve and Road Box 6-Inch, Item SPV.0060.09;  
Valve and Road Box 12-Inch, Item SPV.0060.10;  
Fire Hydrant, Item SPV.0060.11;  
Tee 12-Inch x 6-Inch, Item SPV.0060.12;  
Tee 12-Inch x 12-Inch, Item SPV.0060.13;  
22.5 Degree Bend 12-Inch, Item SPV.0060.14;  
45 Degree Bend 12-Inch, Item SPV.0060.15;  
Reducer 12-Inch x 6-Inch, Item SPV.0060.16;  
Connect to Existing Water Main, Item SPV.0060.17.**

**A Description**

This special provision describes providing Valve and Road Box 6-Inch; Valve and Road Box 12- Inch; Fire Hydrant; Tee 12-Inch x 6-Inch; Tee 12-Inch x 12-Inch; 22.5 Degree Bend 12-Inch; 45 Degree Bend 12- Inch; Reducer 12-Inch x 6-Inch; Connect to Existing Water Main, in accordance with the City of Sun Prairie Standard Specifications.

**B Materials**

Provide materials according to the requirements of the City of Sun Prairie Standard Specifications.

Valves:

- Waterous 2500 series

**C Construction**

Construct according to the requirements of the City of Sun Prairie Standard Specifications.

**D Measurement**

The department will measure Valve and Road Box 6-Inch; Valve and Road Box 12-Inch; Fire Hydrant; Tee 12-Inch x 6-Inch; Tee 12-Inch x 12-Inch; 22.5 Degree Bend 12-Inch; 45 Degree Bend 12-Inch; Reducer 12-Inch x 6-Inch; Connect to Existing Water Main, acceptably completed.

**E Payment**

The department will pay for measured quantities at the contract unit price under the following bid item:

BID ITEM	DESCRIPTION	UNIT
SPV.0060.09	Valve and Road Box 6-Inch	EACH
SPV.0060.10	Valve and Road Box 12-Inch	EACH
SPV.0060.11	Fire Hydrant	EACH
SPV.0060.12	Tee 12-Inch x 6-Inch	EACH
SPV.0060.13	Tee 12-Inch x 12-Inch	EACH
SPV.0060.14	22.5 Degree Bend 12-Inch	EACH
SPV.0060.15	45 Degree Bend 12-Inch	EACH
SPV.0060.16	Reducer 12-Inch x 6-Inch	EACH
SPV.0060.17	Connect to Existing Water Main	EACH

Payment is full compensation for all work herein specified in accordance with the City of Sun Prairie Standard Specifications.

32. **Utility Line Opening (ULO), Item SPV.0060.18;  
Dewatering, Item SPV.0060.19;  
Fire Hydrant Extension 6-Inch, Item SPV.0060.20.**

**A Description**

This special provision describes providing Utility Line Opening (ULO); Dewatering; Fire Hydrant Extension 6-Inch, in accordance with the City of Sun Prairie Standard Specifications.

**B Materials**

Provide materials according to the requirements of the City of Sun Prairie Standard Specifications.

## **C Construction**

Construct according to the requirements of the City of Sun Prairie Standard Specifications.

## **D Measurement**

The department will measure Utility Line Opening (ULO); Dewatering; Fire Hydrant Extension 6-Inch, acceptably completed.

## **E Payment**

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.18	Utility Line Opening (ULO)	EACH
SPV.0060.19	Dewatering	EACH
SPV.0060.20	Fire Hydrant Extension 6-Inch	EACH

Payment is full compensation for all work herein specified in accordance with the City of Sun Prairie Standard Specifications.

## **33. Ductile Iron Water Main 6-Inch, Item SPV.0090.02; Ductile Iron Water Main 12-Inch, Item SPV.0090.03.**

### **A Description**

This special provision describes providing Ductile Iron Water Main 6-Inch; Ductile Iron Water Main 12-inch, in accordance with the City of Sun Prairie Standard Specifications.

### **B Materials**

Provide materials according to the requirements of the City of Sun Prairie Standard Specifications.

Joints (Push-on restrained):

- AMERICAN Amarillo Fast-Grip gaskets; AMERICAN Flex-ring

Conductivity (Gaskets):

- AMERICAN Conductive Gaskets

Fittings (Mechanical Joint restraint):

- MEGALUG Mechanical Joint Restraints (manufactured by EBBA Iron)

Service Laterals:

- Type "K" copper tubing

Corporation stops:

- Mueller Compression Fitting Part # H15013

Curb Stops:

- Mueller Compression Fitting Part # B25155

Service Boxes:

- Part # H10386 (Arch Pattern with 1-1/4" upper section – Type PL Lid Stationary Rod, 6.5' depth)

## **C Construction**

Construct according to the requirements of the City of Sun Prairie Standard Specifications.

## **D Measurement**

The department will measure Ductile Iron Water Main 6-Inch; Ductile Iron Water Main 12-Inch, acceptably completed.

## **E Payment**

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.02	Ductile Iron Water Main 6-Inch	LF

Payment is full compensation for all work herein specified in accordance with the City of Sun Prairie Standard Specifications.

## **ADDITIONAL SPECIAL PROVISION 4**

This special provision does not limit the right of the department, prime contractor, or subcontractors at any tier to withhold payment for work not acceptably completed or work subject to an unresolved contract dispute.

### **Payment to First-Tier Subcontractors**

Within 10 calendar days of receiving a progress payment for work completed by a subcontractor, pay the subcontractor for that work. The prime contractor may withhold payment to a subcontractor if, within 10 calendar days of receipt of that progress payment, the prime contractor provides written notification to the subcontractor and the department documenting "just cause" for withholding payment.

The prime contractor is not allowed to withhold retainage from payments due subcontractors.

### **Payment to Lower-Tier Subcontractors**

Ensure that subcontracting agreements at all tiers provide prompt payment rights to lower-tier subcontractors that parallel those granted first-tier subcontractors in this provision.

### **Acceptance and Final Payment**

Within 30 calendar days of receiving the semi-final estimate from the department, submit written certification that subcontractors at all tiers are paid in full for acceptably completed work.

**Additional Special Provision 6 (ASP-6)**  
**Modifications to the standard specifications**

**Table of Contents**

<u>Section 104 Scope of Work</u> .....	1
<u>Section 107 Legal Relations and Responsibility to the Public</u> .....	3
<u>Section 305 Dense Graded Base</u> .....	4
<u>Section 310 Open-Graded Base</u> .....	5
<u>Section 415 Concrete Pavement</u> .....	5
<u>Section 416 Concrete Pavement - Repair and Replacement</u> .....	6
<u>Section 506 Steel Bridges</u> .....	6
<u>Section 509 Concrete Overlay and Structure Repair</u> .....	8
<u>Section 513 Railing</u> .....	8
<u>Section 517 Paint and Painting</u> .....	8
<u>Section 526 Temporary Structures</u> .....	9
<u>Section 621 Landmark Reference Monuments</u> .....	10
<u>Section 643 Traffic Control</u> .....	10
<u>Section 646 Pavement Marking</u> .....	12
<u>Section 650 Construction Staking</u> .....	13
<u>Section 680 Public Land Survey Monuments</u> .....	13
<u>Section 682 Geodetic Survey Monuments</u> .....	14
<u>Section 710 General Concrete QMP</u> .....	15
<u>Section 715 QMP Concrete Pavement, Cast-in-Place Barrier and Structures</u> .....	20
<u>Section 716 QMP Ancillary Concrete</u> .....	22
<u>Section Bid Items</u> .....	22
<u>ERRATA</u> .....	23

## Additional Special Provision 6 (ASP-6)

### Modifications to the standard specifications

*Make the following revisions to the standard specifications.*

---

#### **104 Scope of Work**

##### **104.2.2 Issuing Change Orders**

*Replace subsection 104.2.2 with the following and rearrange to add a 104.2.2.7 effective with the February 2026 letting.*

###### **104.2.2.1 Change Orders for Differing Site Conditions**

- (1) During the progress of the work, if one or more of the following differing conditions are encountered at the site, the party discovering the condition must promptly notify the other party of the specific condition before further disturbing the site and before further performing the affected work.
  - 1. A subsurface or latent physical condition, differing materially from those indicated in the contract.
  - 2. An unknown physical condition of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the work specified in the contract.
- (2) If the contractor discovers the differing condition, the contractor shall provide oral notification as specified in 104.3.2, of the specific differing condition before further disturbing the site and before further performing the affected work.
- (3) The project engineer will investigate the conditions. If the project engineer determines the conditions materially differ and cause an increase or decrease in the cost, time, or both, required to perform the work under the contract, the project engineer will adjust the contract price, time, or both, and modify the contract in writing accordingly. The project engineer will respond to the contractor as to whether or not an adjustment is warranted. The project engineer will follow the contractor notification procedures specified in 104.3.
- (4) The department will not allow a contract adjustment unless the contractor has provided the required notice as specified in 104.3.

###### **104.2.2.2 Change Orders for Engineer-Ordered Suspensions**

- (1) If the project engineer suspends or delays the performance of all or any portion of the work in writing for an unreasonable period of time (not originally anticipated, customary, or inherent to the construction industry) and the contractor believes that additional payment, contract time, or both, is due because of the suspension or delay, the contractor shall notify the engineer as specified in 104.3.
- (2) The project engineer will evaluate the contractor's request. If the project engineer agrees that the cost, time, or both, required for the performance of the contract has increased due to the suspension or delay and the suspension or delay was caused by conditions beyond the control of and not the fault of the contractor, its suppliers, or subcontractors at any approved tier, and not caused by weather, the project engineer will make an adjustment and modify the contract in writing accordingly. The project engineer will respond to the contractor as to whether or not an adjustment is warranted as specified in 104.3.6.
- (3) The project engineer will not consider a contract adjustment unless the contractor submits the request for adjustment within the time specified above.
- (4) The project engineer will not consider a contract adjustment under this clause to the extent that the performance would have been suspended by any other cause, or for which an adjustment is provided or excluded under any other term or condition of this contract.

###### **104.2.2.3 Change Orders for Altered Work**

- (1) If original contract work is altered from what is included in the contract, the department will adjust the contract if the character of the work as altered differs materially in kind or nature from that involved or included in the original contract.
- (2) Before performing altered work, reach agreement with the project engineer for any price adjustments as specified in 109.4. If the project engineer does not agree that the work has significantly changed and a price adjustment is justified, follow the notification procedures as specified in 104.3.
- (3) If the alterations do not significantly change the character of the work under the contract, the department will not adjust the contract.

###### **104.2.2.4 Change Orders for Quantity Variations**

- (1) If all original contract work for a bid item is completed as required in the contract, and the measured quantity for that bid item varies from the contract quantity, the department will adjust the contract if the department or contractor demonstrates that the quantity variation affects the contractor's unit cost to perform the work and

meets one of the criteria below. If the quantity variation does not significantly change the character of the work under the contract, the department will pay for the work at the contract price.

1. The quantity of a major bid item, as defined in 101.3, is increased in excess of 125 percent or decreased below 75 percent of the original contract quantity. Any allowance for an increase in quantity applies only to that portion in excess of 125 percent of the original contract bid item quantity, or in case of a decrease below 75 percent, to the work actually performed.
2. The quantity of a minor bid item is increased to become a major bid item. An adjustment in the contract unit price for that bid item applies only to the quantity of that bid item having a contract value as follows:
  - Original Contract < \$8M: In excess of 6.25 percent of the original contract.
  - Original Contract >= \$8M: In excess of \$500,000.
3. The quantity of a minor bid item that is part of an approved subcontract and that exceeds 10 percent of the original value of that subcontract is decreased more than 50 percent from the original contract quantity for that bid item. Either party to the contract may submit a request for a revision to the contract unit price for that bid item. The department's total payment for the final reduced quantity will not exceed 75 percent of the original contract quantity at the contract price.
4. The quantity of a minor bid item that is part of an approved subcontract and that exceeds 10 percent of the original value of that subcontract is increased more than 50 percent from the original contract quantity for that bid item and which as increased does not qualify for adjustment as a major bid item. Either party to the contract may submit a request to the other for a revision of the contract unit price for that quantity of the bid item that is in excess of 125 percent of the original contract quantity.

#### **104.2.2.5 Change Orders for Extra Work**

- (1) The department has the right to direct extra work not required in the original contract, as defined in 101.3.
- (2) The engineer will determine payment for extra work as specified in 109.4.

#### **104.2.2.6 Change Orders for Eliminated Work**

- (1) The department has the right to partially eliminate or completely eliminate work the project engineer finds to be unnecessary for the project. If the project engineer partially eliminates or completely eliminates work, the project engineer will issue a change order for a fair and equitable amount as specified in 109.5.

#### **104.2.2.7 Change Orders for Revisions to Contract Time**

- (1) The department will issue a change order to revise the contract time as specified in 108.10.

---

## **104.6 Roadway Maintenance and Traffic Control**

### **104.6.1.2.3 Drop-Off Protection**

*Replace subsection with the following effective with the November 2025 letting.*

- (1) Eliminate vertical drop-offs greater than 2 inches and edge slopes steeper than 3:1 between adjacent lanes open to traffic.
- (2) If the roadway remains open to through traffic during construction and a greater than 2-inch drop-off occurs within 3 feet or less from the edge of the traveled way, eliminate the drop-off within 48 hours after completing that day's work. Provide aggregate shoulder material compacted to a temporary 3:1 or flatter cross slope from the surface of the pavement edge.
- (3) Unless the engineer allows otherwise, address drop-offs when they exist greater than 3 and less than 8 feet from the traveled way as follows:
  - Delineate vertical drop-offs 2 inches or greater and edge slopes steeper than 3:1 with drums, barricades, and signs, by the end of the workday.
  - Eliminate vertical drop-offs 2 inches or greater and edge slopes steeper than 3:1 within 72 hours or before a weekend or holiday whichever comes first.
  - Eliminate or use temporary concrete barrier to protect vertical drop-offs 4-inches or greater after 72 hours or before a weekend or holiday whichever comes first.
- (4) If a 4-inch or greater vertical drop-off or an edge slope steeper than 3:1 exists greater than 8 and less than 15 feet from the traveled way, delineate that drop-off or edge slope with drums, barricades, and signs by the end of the workday.
- (5) If a 12-inch or greater vertical drop-off exists greater than 8 and less than 15 feet from a traveled way with a posted speed limit of 55 mph or greater, eliminate or use temporary concrete barrier to protect that drop-off within 72 hours or before a weekend or holiday whichever comes first.

### **104.6.1.2.4 Hazard Protection on Roads Open to All Traffic**

*Replace subsection with the following effective with the November 2025 letting.*

- (1) On roads open to all traffic; conform to the following construction clear zone requirements:

- Posted speeds 45 mph or less: within 8 feet of the travelled way.
- Posted speeds from 45 mph to 55 mph inclusive: within 10 feet of the travelled way.
- Posted speeds above 55 mph: within 15 feet of the travelled way.

(2) Remove all construction debris, stored materials, and equipment not in use from the construction clear zone; or if the engineer allows, delineate and shield with concrete barrier.

(3) Delay removal of existing permanent roadside safety devices until necessary. When located within the construction clear zone and not shielded by concrete barrier, use temporary traffic control drums to delineate bridge abutments, concrete barrier blunt ends, sign bridge foundations, drainage structures, and slopes exposed by removing permanent protective measures.

- For exposed bridge abutments, concrete barrier blunt ends, sign bridge foundations, and drainage structures, eliminate the need for delineation within 5 calendar days.
- For exposed slopes steeper than 3:1, eliminate the need for delineation within 14 calendar days, or duration approved by the engineer.

---

**105.13 Claims Process for Unresolved Changes**

*Replace subsection with the following effective with the February 2026 letting.*

**105.13.3 Submission of Claim**

(1) Submit the claim to the project engineer as promptly as possible following the submission of the Notice of Claim. If the contractor does not submit the claim prior to the earlier of the following dates, the department will deny the claim:

1. 120 calendar days from the date of the Notice of Claim.
2. The end of the time allowed under 109.7 for the contractor to respond in writing to the engineer issued semi-final estimate.

(2) The department will not accept the submission of a claim until the resolution process in 104.3 has been completed and the contractor makes no further requests to submit updated information that may affect the region's final decision.

---

**107 Legal Relations and Responsibility to the Public**

*Add section 107.27 (Drones or Unmanned Aircraft Systems (UAS)) effective with the November 2024 letting.*

**107.27 Drones or Unmanned Aircraft Systems (UAS)****107.27.1 Licensing and Compliance**

*Add paragraph 107.27.1(5) to the information included with the November 2024 ASP-6, effective with the February 2026 letting.*

(1) Obtain and possess the necessary Federal Aviation Administration (FAA) licenses and certifications to operate drones commercially (<https://www.faa.gov/uas>).

(2) Comply with all FAA regulations, airspace restrictions, and local laws. Operators of small drones that are less than 55 pounds for work or business must follow all requirements as listed in Title 14, Chapter 1, Subchapter F, Part 107 of the Code of Federal Regulations (14 CFR) and obtain a remote pilot certificate ([https://www.faa.gov/uas/commercial\\_operators](https://www.faa.gov/uas/commercial_operators)).

(3) Comply with Wisconsin State Statute 942.10. Limit operations to the specific approved purpose and employ reasonable precautions to avoid capturing images of the public except those that are incidental to the project.

(4) Provide copies of waivers required for specific project conditions to the engineer prior to any flight.

(5) UAS and UAS components are required to be compliant with federal guidelines outlined in the American Security Drone Act of 2023 (ASDA) and the OMB memorandum M-26-02.

**107.27.2 Flight Approval, Safety, and Incident Reporting**

(1) Submit information in 107.27.2(2) to obtain written drone flight approval from the engineer at least 3 business days prior to operating a drone within the right-of-way. Do not operate a drone within the right-of-way unless approved by the engineer.

(2) Drone flight application for review and approval must include:

- UAS pilot information and qualifications, images of certification
- UAS drone information and FAA tail numbers
- Max/ Min allowable flight parameters (weather)
- Specifics of flight mission: capture scope
- Estimated flight duration

- Pre-flight checklist
- Site-specific parameters
- Notification protocols - Federal/Local/Agency/Owner/Responsible in Charge
- Confirmation and verification of approved operators and hardware
- Flight plan map diagram (including launch and landing location)
- FAA-Airspace flight map classification and confirmation with graphics
- UAS incident management protocol

(3) If contractor is requesting multiple types of the same flight, a simplified request can be submitted listing weekly flight plan.

(4) Safety measures must include but are not limited to:

- Regular training and updates on drone regulations are required and must be provided upon request.
- Drones must be operated in accordance with safety guidelines, including maintaining a safe distance from people, structures, vehicles, etc.
- Conduct a pre-flight safety assessment, considering weather conditions, airspace restrictions, and potential hazards.
- Emergency procedures (e.g., drone malfunction, loss of control) must be documented and followed.
- All incidents must be reported to the engineer.

(5) If the drone has an incident during flight, report the following to the engineer:

- Incident background and details.
- FAA (14 CFR 107.9) and NTSB (49 CFR 870) notification protocol.
- Contractor internal notification protocol.

### 107.27.3 Insurance Requirements

(1) Maintain drone liability insurance with the following limits.

1. For drones weighing 10 pounds or less, a liability policy with a minimum limit of \$1,000,000.00 is required.
2. For drones weighing more than 10 pounds and less than or equal to 20 pounds, a liability policy with a minimum limit of \$2,000,000.00 is required.
3. For drones weighing more than 20 pounds, notify engineer and department will determine appropriate liability policy coverage levels based on size, use, location, and other risk factors.

---

## 305 Dense Graded Base

### 305.3.3.3 Shoulders Adjacent to Asphaltic Pavement or Surfacing

Replace subsection with the following effective with the November 2025 letting.

(1) If the roadway is closed to through traffic during construction, construct the aggregate shoulders before opening the road.

(2) If the roadway remains open to through traffic during construction, conform as specified in 104.6.1.2.3.

(3) Provide and maintain signing and other traffic protection and control devices, as specified in 643, until completing shoulder construction to the required cross-section and flush with the asphaltic pavement or surfacing.

### 310 Open-Graded Base

#### 310.2 Materials

*Replace paragraph (2) with the following effective with the November 2025 letting.*

(2) The contractor may substitute material conforming to the gradation requirements for crushed aggregate specified in table 310-01 if that material conforms to the fracture requirements for open-graded crushed gravel specified in 301.2.4.5.

**TABLE 310-01 COARSE AGGREGATE (% passing by weight)**

**AASHTO No. 67 <sup>[1]</sup>**

SIEVE	COARSE AGGREGATE (% PASSING by WEIGHT) AASHTO No. 67
2-inch	-
1 1/2-inch	-
1-inch	100
3/4-inch	90 - 100
1/2-inch	-
3/8-inch	20 - 55
No. 4	0 - 10
No. 8	0 - 5
No. 16	-
No. 30	-
No. 50	-
No. 100	-
No. 200	-

<sup>[1]</sup> Size according to AASHTO M43.

### 415 Concrete Pavement

#### 415.3.16.4.1.2 Magnetic Pulse Induction

*Replace subsection with the following effective with the November 2025 letting.*

(1) The department will measure thickness within 10 business days of paving. Upon completion of the project thickness testing, the department will provide the test results to the contractor within 5 business days.

(2) The department will establish a project reference plate at the start of each paving stage. The department will notify the contractor of project reference plate locations before testing. The department will measure the project reference plate before each day of testing.

(3) If the random plate test result falls within 80 to 50 percent pay range specified in 415.5.2, the department will measure the second plate in that unit. The department will notify the contractor immediately if the average of the 6 readings fall within the 80 to 50 percent pay range.

(4) If an individual random plate test result is more than 1 inch thinner than contract plan thickness, the pavement is unacceptable. Department will determine limits of unacceptable pavement by performing the following:

- The engineer will test each consecutive plate stationed ahead and behind until the thickness test result is plan thickness or greater.
- The engineer will direct the contractor to core the hardened concrete to determine the extent of the unacceptable area. In each direction, the contractor shall take cores at points approximately 20 feet from the furthest out of specification plate towards the plate that is plan thickness of greater. Once a core is within 80 to 100 percent pay range, the coring is complete and the limits of unacceptable pavement extend from the stationing between the core test results of 80 to 100 percent payment, inclusive of all unacceptable core and plate test results.
- Perform coring according to WTM T24. The department will evaluate the results according to AASHTO T148
- Fill core holes with concrete or mortar.

**416 Concrete Pavement - Repair and Replacement****416.2 Materials****416.2.1 General**

Replace paragraph (3) with the following effective with the November 2025 letting.

(3) The contractor may use accelerating admixtures for concrete placed under SHES bid items as follows:

1. If using calcium chloride,
  - AASHTO M144, type S as grade N1 or grade N2, class A.
  - AASHTO M144, type L in a concentration of approximately 30 percent for premixed solutions.
2. If using non-chloride accelerators, conform to:
  - AASHTO M194, type C accelerating admixtures.
3. Do not exceed the manufacturer's recommended maximum dosage.
4. If the engineer requests, provide a written copy of the manufacturer's dosage recommendations.

**416.2.4 Special High Early Strength Concrete Pavement Repair and Replacement****416.2.4.1 Composition and Proportioning of Concrete**

Add paragraph (4) to subsection effective with the November 2025 letting.

(4) The contractor may use pre-packaged horizontal rapid set concrete patch material from the APL for partial and full-depth pavement repairs instead of specified grades of concrete.

**506 Steel Bridges****506.3.12.3 High-Strength Bolts****506.3.12.3.1 Materials**

Replace subsection with the following effective with the November 2025 letting.

(1) Install bolts according to AASHTO LRFD Bridge Construction Specifications, article 11.5.5, with the following exceptions:

1. If connections are assembled, install bolts with a hardened washer under the nut or bolt head, whichever is the element turned in tightening.
2. If using oversized holes, 2 hardened washers are required, one under the bolt head and one under the nut.
3. Bring the bolted parts into solid contact bearing before final tightening. Use not less than 25 percent of the total number of bolts in a joint to serve as fitting up bolts.
4. For steel diaphragms on prestressed concrete bridges do the following:
  - 4.1. For steel-to-steel connections within diaphragms:
    - Tension by the turn-of-nut method.
  - 4.2. For steel-to-concrete girder connections:
    - No PIV or field rotational capacity (RoCAP) testing is required.
    - Tighten as the plan details specify.

(2) Before fasteners are delivered to the site, provide documentation of rotational capacity testing in accordance with ASTM F3125, Annex A2, Rotational Capacity (RoCap) Test. The fasteners must be received in packages that match the fastener assembly combination as tested. If documentation of RoCap testing is not received; then perform this testing in the field prior to installation.

(3) Install bolt, nut, and washer combinations from the same rotational-capacity lot.

(4) Check galvanized nuts to verify that a visible dyed lubricant is on the threads and at least one bolt face.

(5) Ensure that uncoated bolts are oily to the touch over their entire surface when delivered and installed.

(6) Provide and use a Skidmore-Wilhelm Calibrator or an acceptable equivalent tension measuring device at each job site during erection. Perform pre-installation verification (PIV) testing in the field conforming to the procedures enumerated in department form DT2114 no earlier than 14 calendar days prior to permanent bolting. Submit 2 copies of form DT2114 to the engineer.

(7) Prior to installation, ensure that the fastener condition has not changed due to accumulation of rust or dirt, weathering, mixture of tested assembly lots, or other reasons. If changes have occurred, including cleaning and re-lubricating of weathered bolts, the engineer will require re-qualification using RoCap testing in the field, for a minimum of two fastener assemblies of each combination to be used in permanent bolting, and PIV re-testing.

- (8) Additional RoCap or PIV tests are required whenever the condition of the fasteners or understanding of the bolting crew is in question by the Engineer. Do not allow permanent bolting until PIV testing is completed.
- (9) Tighten threaded bolts by the turn-of-nut method while holding the bolt head. Where clearance is an issue, the contractor may tighten the bolt head while holding the nut.
- (10) The contractor may use alternate tightening methods if the engineer approves before use.
- (11) The contractor may use a flat washer if the surface adjacent to and abutting the bolt head or nut does not have a slope of more than 1:20 with respect to a plane normal to the bolt axis. For slopes greater than 1:20, use smooth, beveled washers to produce parallelism.
- (12) Snug all bolts during installation according to AASHTO LRFD Bridge Construction Specifications, article 11.5.5.4.1.
- (13) Tighten each fastener to provide, if all fasteners in the joint are tight, at least the minimum bolt tension as follows:

TABLE 506-1 BOLT TENSION

BOLT SIZE	REQUIRED MINIMUM BOLT TENSION <sup>[1]</sup>
1/2-inch.....	12 kips
5/8-inch.....	19 kips
3/4-inch.....	28 kips
7/8-inch.....	39 kips
1-inch .....	51 kips
1 1/8-inch.....	64 kips
1 1/4-inch.....	81 kips
1 3/8-inch.....	97 kips
1 1/2-inch.....	118 kips

<sup>[1]</sup> Equal to the proof load by the length measurement method as specified in ASTM F3125 for grade A35 bolts.

- (14) Do not reuse galvanized F3125 A325 bolts. The contractor may reuse uncoated F3125 A325 bolts, if the engineer approves, but not more than once. The department will not consider re-tightening previously tightened bolts that become loosened by the tightening of adjacent bolts as reuse.

### 506.3.19 Welding

*Replace subsection title and text with the following effective with the November 2025 letting.*

#### 506.3.19.4 Welding Inspection

- (1) Inspect welding according to the current edition of AWS D1.5. Unless specified otherwise, test butt welds in main members by either the radiographic or the ultrasonic method.
- (2) Test fillet welds and groove welds not covered otherwise in main members in a non-destructive manner by the magnetic particle method according to ASTM E709, utilizing the yoke method. This includes, but is not limited to, a minimum of 12 inches in every 10 feet or portion thereof of each weld connecting web to flange, bearing stiffener to web or flange, framing connection bar to web or flange, and longitudinal stiffener to web or vertical bar.

### 506.3.31 Cleaning of Surfaces

#### 506.3.31.2 Coated Surfaces

*Replace subsection with the following effective with the November 2025 letting.*

- (1) Blast clean structural steel and ferrous metal products to be coated as specified in 517.3.1.3.3.
- (2) Blast clean steel that will be encased in concrete to SSPC-SP 6 standards or cleaner.

### 506.3.32 Painting Metal

*Replace subsection with the following effective with the November 2025 letting.*

- (1) Unless the contract provides otherwise, apply 3 coats of paint to structural steel and ferrous metal products. Furnish and apply paints according to the epoxy system or as specified in the special provisions. The requirements for this system are set forth in 517.
- (2) For structural steel, including weathering steel, and miscellaneous metals that will be encased in concrete, paint as specified in 517.3.1.
- (3) For galvanized surfaces paint as specified in 517.3.1.
- (4) Use the 3-coat epoxy system to paint the end 6 feet of structural weathering steel at the abutments, the 6 feet on each side of piers, joints, downspouts, hinges, and galvanized bearings in contact with weathering

steel. Use a coat of brown urethane matching AMS Standard 595A: AMS-STD 20059. Apply one coat of zinc-rich paint to surfaces of expansion joint assemblies and other surfaces not in contact with the weathering steel but inaccessible after assembly or erection.

- (5) Do not paint structural steel to be welded before completing welding. If welding only in the fabricating shop and subsequently erecting by bolting, coat it after completing shop welding. Apply one coat of weldable primer or other engineer-approved protective coating to steel surfaces to be field welded after completing shop welding and shop fabrication. Protect machine-finished surfaces that do not receive a paint or galvanizing from contamination during the cleaning and painting process.
- (6) Upon fabrication and acceptance, coat pins and pinholes with a plastic or other engineer-approved coating before removing from the shop.
- (7) Mark members weighing 3 tons or more with their weights on areas that will be encased in concrete, or paint with a compatible paint on zinc-rich primer, or mark with soapstone on an epoxy-coated surface. Wait until material is dry, inspected, and approved for shipment before loading for shipment.

---

## 509 Concrete Overlay and Structure Repair

### 509.2 Materials

*Replace subsection with the following effective with the November 2025 letting.*

- (1) Furnish a neat cement bonding grout. Mix the neat cement in a water-cement ratio approximately equal to 5 gallons of water per 94 pounds of cement. Pre-packaged non-shrink grout from the APL may be used instead of site mixed or ready mixed grout.
- (2) Furnish grade E conforming to 501 for overlays.
- (3) Furnish grade C or E concrete conforming to 501 for surface repairs. The contractor may increase the slump for grade E concrete to a maximum of 4 inches. For vertical and overhead repairs, use pre-packaged vertical and overhead repair material from the APL unless a different material is approved by the engineer in writing.
- (4) Furnish grade C or E concrete conforming to 501 for joint repairs, curb repairs, and full-depth deck repairs; except as follows:
  1. The contractor may increase slump of grade E concrete to 3 inches.
  2. The contractor may use ready-mixed concrete.
- (5) Provide QMP for class II ancillary concrete as specified in 716 if using concrete mixtures conforming to 501.

---

## 513 Railing

### 513.2.3 Steel Railing

*Replace subsection with the following effective with the November 2025 letting.*

- (1) Furnish steel railing components as follows:

Structural steel .....	506.2.2
High strength bolts .....	506.2.5
Steel guardrail .....	614.2
Round structural steel tubing for steel pipe railing.....	ASTM A500 grade B
Structural steel tubing used with other steel railings.....	ASTM A500 grade B or C
- (2) Furnish a two-coat paint system from the APL for structure painting systems under paint - galvanized surfaces.

---

## 517 Paint and Painting

### 517.3.1.3.3 Blast Cleaning

### 517.3.1.3.3.2 Epoxy Coating System

*Replace subsection with the following effective with the November 2025 letting.*

- (1) Blast clean structural steel receiving this coating to a near-white finish according to SSPC-SP 10.
- (2) Solvent clean oil and grease on surfaces receiving this coating according to SSPC-SP 1 and blast clean to a near-white finish according to SSPC-SP 10.
- (3) Remove fins, tears, slivers, and burred or sharp edges present on any steel member, or that appears during blasting, by grinding then re-blast the area to a one to 2 mils surface shape.

- (4) If using abrasives for blast cleaning, use either clean dry sand, steel shot, mineral grit, or manufactured grit of a gradation that produces a uniform one to 2 mils profile as measured with a department-approved impregnated surface profile tape.
- (5) Remove abrasive and paint residue from steel surfaces with a commercial grade vacuum cleaner equipped with a brush-type cleaning tool, or by double blowing. If using the double blowing method, vacuum the top surfaces of structural steel, including top and bottom flanges; longitudinal stiffeners, splice plates, and hangers after completing the double blowing operations. Ensure that the steel is dust free when applying primer. Apply the primer within 8 hours after blast cleaning.
- (6) Protect freshly coated surfaces from later blast cleaning operations. Brush any blast damaged primed surfaces with a non-rusting tool, or if visible rust occurs, re-blast to a near white condition. Clean the brushed or blast cleaned surfaces and re-prime within the manufacturer's recommended time.
- (7) When coating galvanized surfaces, ensure tie-coat adhesion by brush blasting the cleaned surface according to SSPC-SP7 to create a slight angular surface profile according to manufacturer's recommendations of 1 mil to 1.5 mils. Blasting must not fracture the galvanized finish or remove dry film thickness. For the tie- and top-coat, furnish an epoxy coating system from the APL for paint systems for galvanized surfaces.

#### 517.3.1.3.5 Galvanizing

*Add subsection effective with the November 2025 letting.*

- (1) After fabrication, blast clean assemblies per SSPC-SP6 and galvanize according to ASTM A123.

---

### 526 Temporary Structures

#### 526.3.4 Construction, Backfilling, Inspection and Maintenance

*Replace subsection with the following effective with the November 2025 letting.*

- (1) Construct temporary structures conforming to 500. Backfill conforming to 206.3.13 with structure backfill conforming to 210.2.
- (2) Temporary highway bridges open to traffic less than or equal to 24 months: inspect temporary bridges conforming to the National Bridge Inspection Standards (NBIS) and the department's Structure Inspection Manual (SIM) before opening to traffic. Perform additional inspections, as the department's SIM requires, based on structure type, condition, and time in service. Submit inspection reports on department form DT2007 to the engineer and electronic copies to the BOS Maintenance Section. Ensure that a department-certified qualified team leader performs the inspections.
- (3) Temporary highway bridges open to traffic greater than 24 months: complete additional inspections and inventory data collection per the NBIS and SIM within 27 months of the bridge being opened to traffic. Contact the Bureau of Structures to have a structure number assigned. Enter the inventory data and element level bridge inspection data in accordance with the SIM into WisDOT's Highway Structures Information System (HSIS) within 90 days of completing the field portion of the inspection. Continue to complete required inspections and data submittal at intervals according to the requirements of the NBIS and SIM.
- (4) Maintain temporary structures and approaches in place until no longer needed. Unless the engineer directs otherwise, completely remove and dispose of as specified in 203.3.5; do not place on the finished surface.

#### 526.5 Payment

*Replace paragraph (2) with the following effective with the November 2025 letting.*

- (2) Payment for the Temporary Structure bid items is full compensation for providing a temporary structure including design and construction; for construction staking; for temporary shoring and other secondary structure items; for backfilling with structure backfill; for maintaining; and for removing when no longer needed. The department will pay 70 percent of the contract amount when open to traffic and the balance after structure removal and associated site restoration.

---

### 550.3.9 Pre-Boring

#### 550.3.9.1 General

*Add paragraph (2) effective with the February 2026 letting.*

- (1) Pre-bore holes to the depth the plans or special provisions require. Submit written requests for pre-boring not required under the contract to the engineer for review and approval. Do not impair the capacity of in-place piles or damage adjacent structures by pre-boring operations.
- (2) Contractor may elect to not perform pre-boring, subject to written approval from the engineer as specified in 104.2.1(2). If the contractor elects to not perform pre-boring and subsequently pre-boring is necessary at any point throughout the project, no additional time or compensation will be granted.

**621 Landmark Reference Monuments**

*Remove Standard Specification 621 (Landmark Reference Monuments) effective with the November 2025 letting. Refer to updated information in this ASP-6 for standard specifications 680 and 682.*

**643 Traffic Control****643.1 Description**

*Replace paragraph (1) with the following effective with the November 2025 letting.*

(1) This section describes providing, maintaining, repositioning, and removing temporary traffic control devices as follows:

Drums	Warning lights	42-inch cones
Barricades type III	Connected arrow boards	Portable changeable message signs
Flexible tubular markers	Signs	Channelizing curb system
Speed feedback trailers	Connected work zone start and end location markers	

**643.2.2 Department's Approved Products List (APL)**

*Replace paragraph (1) with the following effective with the November 2025 letting.*

(1) Furnish materials from the APL as follows:

- Drums
- Barricades type III
- Flexible tubular marker posts including bases
- Warning lights and attachment hardware
- Channelizing curb systems
- Connected work zone start and end location markers
- Connected arrow boards
- Sign sheeting
- 42-inch cone assemblies
- Portable changeable message signs
- Speed feedback trailers

**643.3 Construction****643.3.1 General**

*Add paragraphs (10), (11), (12) and (13) effective with the November 2025 letting.*

(10) For connected devices provide a local specialist to respond to emergency situations within 2 hours of being notified. Equip local specialists with sufficient resources to correct deficiencies in the connected work zone devices.

(11) Prior to deployment, test all connected devices with the engineer to ensure the device is showing in the WisDOT approved data feed. Send an email to [DOTBTOworkzone@dot.wi.gov](mailto:DOTBTOworkzone@dot.wi.gov) to notify BTO that the devices have been turned on.

(12) Provide a WisDOT approved data feed from connected devices and the remote management software, updated at least every minute.

(13) If requested by the engineer, provide real-time status change alerts to a list of designated personnel via text or email or both. Send an alert each time a connected device is switched between operating modes which include the current operating mode, the previous operating mode, the date and time of the mode switch, and the location (latitude and longitude) of the device at the time of the mode switch in the alert.

**643.3.3 Connected Arrow Boards**

*Revise subsection title and add paragraphs (3) and (4) effective with the November 2025 letting.*

(3) The connected arrow board may be switched between the following pattern displays per the plan:

- Blank
- Right arrow static
- Right arrow flashing
- Right arrow sequential
- Left arrow static
- Left arrow flashing
- Left arrow sequential
- Line flashing
- Bi-directional arrow flashing.

(4) When the connected arrow board is not displaying a pattern, the display shall be blank, and the connected arrow board transmits its status to the data feed. When a connected arrow board is switched to a pattern, the connected arrow board transmits its location and its current operating mode to the data feed.

**643.3.7 Temporary Pavement Marking***Add paragraph (9) effective with the November 2025 letting.*

(9) Install temporary markings on the final surface in the same location as permanent markings will be placed or as the plans show.

**643.3.10 Connected Work Zone Start and End Location Markers***Add subsection effective with the November 2025 letting.*

(1) Place work zone start location marker at the beginning of the work zone per plan or as the engineer directs. Clearly label the work zone start location marker so that it is easily distinguishable by field personnel.

(2) Place work zone end location marker at the end of the work zone per plan or as the engineer directs. Clearly label the work zone end location marker so that it is easily distinguishable by field personnel.

(3) Ensure the connected work zone start and end location markers operate continuously when deployed on the project.

(4) Ensure the work zone location markers and connected arrow board are from the same manufacturer.

(5) When the work zone start and end location markers are switched to the ON mode, verify the begin and end location markers transmit their location and identity as begin or end markers to the data feed.

(6) Switch the work zone start and end location markers to OFF mode when temporary traffic control is removed, and the normal traveled way is restored.

**643.4 Measurement****643.4.1 Items Measured by the Day***Add paragraphs (3) and (4) effective with the November 2025 letting.*

(3) The department will measure Traffic Control Connected Arrow Boards by day for the days the device is reporting correct data.

(4) The department will measure Traffic Control Connected Work Zone Start and End Location Markers by day per roadway segment for the days the devices are reporting correct data.

**643.5 Payment****643.5.1 General***Replace paragraph (1) with the following effective with the November 2025 letting.*

(1) The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
643.0300	Traffic Control Drums	DAY
643.0420	Traffic Control Barricades Type III	DAY
643.0500	Traffic Control Flexible Tubular Marker Posts	EACH
643.0600	Traffic Control Flexible Tubular Marker Bases	EACH
643.0650	Traffic Control Channelizing Curb System	LF
643.0700 - 0799	Traffic Control Warning Lights (type)	DAY
643.0810	Traffic Control Connected Arrow Boards	DAY
643.0900	Traffic Control Signs	DAY
643.0910	Traffic Control Covering Signs Type I	EACH
643.0920	Traffic Control Covering Signs Type II	EACH
643.1000	Traffic Control Signs Fixed Message	SF
643.1050	Traffic Control PCMS	DAY
643.1051	Traffic Control PCMS with TMC Communications	DAY
643.1070 - 1079	Traffic Control Cones (height)	DAY
643.1220	Traffic Control Connected Work Zone Start and End Location Markers	DAY
643.1500	Traffic Control Speed Feedback Trailer	DAY
643.3100 - 3299	Temporary Marking Line (material/type) (width)	LF
643.3300 - 3399	Temporary Marking Crosswalk (material) 6-Inch	LF
643.3500 - 3599	Temporary Marking Arrow (material)	EACH
643.3600 - 3699	Temporary Marking Word (material)	EACH
643.3700 - 3799	Temporary Marking Raised Pavement Marker (type)	EACH
643.3800 - 3899	Temporary Marking Stop Line (material) 18-Inch	LF
643.3900 - 3959	Temporary Marking Diagonal (material) 12-Inch	LF

643.3960 - 3999	Temporary Marking Removable Mask Out Tape (width)	LF
643.4100	Traffic Control Interim Lane Closure	EACH
643.5000	Traffic Control	EACH

## 646 Pavement Marking

### 646.3.1.1 General Marking

Replace paragraph (7) with the following effective with the November 2025 letting. Add paragraph (8) effective with the February 2026 letting.

- (7) Apply marking to the width and color the bid item indicates. Distribute beads uniformly across the line. Provide a sharp cutoff for both sides and ends of the marking with a uniform cross-section. Achieve straight alignment, not to exceed a 3/8-inch variation in any 40-foot section of travelled way. Do not damage existing marking that will remain in place.
- (8) Apply both lines of the centerline marking simultaneously to ensure a consistent gap.

### 646.3.1.6 Proving Period

#### 646.3.1.6.1 General

Replace paragraph (1) with the following effective with the February 2026 letting.

- (1) The engineer may conduct post acceptance inspections periodically during a proving period to evaluate the physical presence of pavement marking and, for permanent markings, the retroreflectivity. The proving period begins on the last day of the week, for all marking placed within that week. The proving period extends through April 15 of the next calendar year or 180 days, whichever is longer. If weather or road surface conditions prevent the engineer from fully evaluating the marking at the end of the proving period, the engineer may extend the proving period.

### 646.3.1.6.2 Retroreflectivity

Replace paragraph (1), included with the November 2025 ASP-6, with the following effective with the February 2026 letting.

- (1) For permanent markings, the engineer will also evaluate the percent failing retroreflectivity at the end of the proving period. Ensure that the 180-day reflectivity, in millicandelas/lux/m<sup>2</sup>, meets or exceeds the following:

MATERIAL	COLOR	180 DAY DRY
		RETROREFLECTIVITY
Epoxy	White	150
	Yellow	100
Wet Reflective Epoxy	White	250
	Yellow	150
Permanent Tape	White	400
	Yellow	335

### 646.3.2.3.2 Wet Reflective Epoxy

Replace paragraph (1) with the following effective with the February 2026 letting.

- (1) Apply wet reflective epoxy binder in a grooved slot and provide a double drop bead system at the application rate specified in the APL.

### 646.3.2.4 Black Epoxy

Replace paragraph (1) with the following effective with the November 2024 letting.

- (1) Apply black epoxy in a grooved slot directly after the white marking. Apply epoxy at a wet mil thickness of 20. Apply black aggregate at or exceeding 25 pounds per gallon of epoxy. Do not apply glass beads to black epoxy.

### 646.3.3 Special Marking

Replace subsection with the following effective with the February 2026 letting.

- (1) Fill in any breaks left from the stencil with the same material to ensure there are no gaps.
- (2) Under the Marking Railroad Crossings bid items, apply the RXR symbol and 3 transverse lines as the plans show.
- (3) Under the Marking Curb bid items, mark the vertical face and the top of the curb.
- (4) Under the Marking Aerial Enforcement Bars bid items, the department will locate the marking. Notify the engineer at least one week before marking so the State Patrol can provide exact locations.

**650 Construction Staking****650.3.12 Supplemental Control Staking**

Replace paragraph (2) with the following effective with the November 2025 letting.

(2) Document and provide to the engineer complete descriptions and reference ties of the control points, alignment points, and benchmarks to allow for quick reestablishment of the plan data at any time during construction and upon project completion. Document additional control on department form DT1291 as described in CMM 710, table 710-1.

---

**680 Public Land Survey Monuments**

Add section 680 (Public Land Survey Monuments) effective with the November 2025 letting.

**680.1 Description**

(1) This section describes perpetuating US Public Land Survey System (USPLSS) monuments.

**680.2 Materials**

(1) Furnish magnetic survey nails with center point a minimum of 2-1/2 inches long or engineer approved alternative.

(2) Furnish minimum 3/4-inch reinforcement or 1 inch outside diameter (OD) iron pipe at least 24 inches long.

(3) Furnish plastic survey marker cap with lettering that reads "Witness Monument".

(4) Use alternative materials if requested and furnished by the county surveyor.

**680.3 Construction****680.3.1 General**

(1) Perform work under the direction and control of a professional land surveyor registered in the state of Wisconsin, following Wisconsin Administrative Code A-E 7 ([https://docs.legis.wisconsin.gov/code/admin\\_code/a\\_e/7](https://docs.legis.wisconsin.gov/code/admin_code/a_e/7)).

(2) Preserve existing USPLSS monuments and witness monuments (ties) within the construction limits in their original position until monuments are verified and sufficiently tied off.

**680.3.2 Pre-Construction**

(1) Notify the county surveyor at least 30 days prior to start of construction operations about all USPLSS monuments within the construction limits that might be disturbed.

(2) Obtain the existing USPLSS Monument Record from the county surveyor. Verify existing monuments and witness monuments are in place and undisturbed.

(3) Replace witness monuments that are missing or that could be disturbed by construction operations. Locate new witness monuments near the USPLSS monument but outside the construction limits. Submit a monument record as specified in 680.3.5.

(4) Temporarily mark the location of all witness monuments to protect them during construction.

**680.3.3 Removals**

(1) Remove or abandon existing monument and monument cover that interfere with construction operations. Remove and dispose of surplus excavation and materials as specified in 205.3.12.

**680.3.4 Post-Construction**

(1) Verify the location of monuments and witness monuments when construction operations are complete.

(2) Set new monuments and witness monuments where necessary. Recess magnetic survey nails 1/4 inch below the pavement surface for monuments located in pavement. Use reinforcement or iron pipe for monuments not in pavement and for witness monuments. Locate new witness monuments near the USPLSS monument and outside the roadbed. Install plastic caps on witness monuments.

(3) Install marker posts next to all witness monuments if required and supplied by the county surveyor.

(4) Omit setting monuments in the pavement if approved by the department's regional survey coordinator and county surveyor due to traffic or safety concerns.

(5) Submit a monument record as specified in 680.3.5.

**680.3.5 Monument Records**

(1) Submit a monument record on department form DT1291 to the county surveyor at locations where monuments were set. Provide a copy to the engineer and regional survey coordinator.

**680.4 Measurement**

(1) The department will measure bid items under this section as each individual monument acceptably completed.

**680.5 Payment**

(1) The department will pay for measured quantities at the contract unit price under the following bid items:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
680.0100	Public Land Survey Monument Verify and Reset	EACH

(2) Payment for the Public Land Survey Monument Verify and Salvage bid item is full compensation for providing all materials; for coordinating with county surveyors; for obtaining existing monument records; for verifying the existing location of monuments and witness monuments; for removing or abandoning existing monuments and monument covers; for resetting monuments; for setting or resetting temporary and permanent witness monuments; and for submitting monument records.

**682 Geodetic Survey Monuments**

*Add section 682 (Geodetic Survey Monuments) effective with the November 2025 letting.*

**682.1 Description**

(1) This section describes salvaging geodetic survey discs and constructing geodetic survey monuments.

**682.2 Materials**

(1) Furnish materials conforming to the following:

Concrete.....	501
Reinforcement.....	505.2
Foundation backfill .....	520.2

(2) Furnish grade A concrete as modified in 716. Provide QMP for class III ancillary concrete as specified in 716.

**682.3 Construction**

(1) Contact the WisDOT Geodetic Surveys Unit at (866) 568-2852 or "geodetic@dot.wi.gov" as required below.

**682.3.1 Salvage Geodetic Survey Discs**

(1) Remove and salvage geodetic survey discs from existing structures or survey monuments being removed at the locations shown in the plan.

(2) Notify the WisDOT Geodetic Surveys Unit 7 calendar days prior to removal operations.

(3) Ship or deliver salvaged discs to following address:

WisDOT Bureau of Technical Services  
Geodetic Surveys Unit  
3502 Kinsman Boulevard  
Madison, WI 53704

Provide a tracking number to the Geodetic Surveys Unit upon shipment or contact the Geodetic Surveys Unit to schedule in-person delivery.

**682.3.2 Geodetic Survey Monuments****682.3.2.1 Monument Location**

(1) Stake the approximate location of monuments provided in the plan and contact the WisDOT Geodetic Surveys Unit 30 days prior to excavating holes for field verification and delivery of department furnished geodetic survey discs.

**682.3.2.2 Placing Monuments**

(1) Excavate holes for monuments by use of a circular auger at the size and depth the plans show or as the engineer directs.

(2) Remove and dispose of surplus excavation and materials as specified in 205.3.12.

(3) Fill holes with concrete and strike off flush with the ground surface. Place circular forms and steel reinforcement in the concrete as the plans show. Place geodetic survey discs on monuments while the concrete is still plastic.

**682.3.2.3 Protecting and Curing**

(1) Cure exposed portions of cast in place concrete monuments as specified in 415.3.12 except the contractor may use curing compound conforming to 501.2.8.

(2) Protect placed concrete monuments as specified for concrete pavement as specified in 415.3.14

(3) Protect cast in place concrete monuments from freezing for 7 days.

#### 682.4 Measurement

(1) The department will measure bid items under this section as each individual monument acceptably completed.

#### 682.5 Payment

(1) The department will pay for measured quantities at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
682.0100	Salvage Geodetic Survey Disc	EACH
682.0200	Geodetic Survey Monument	EACH

(2) Payment for the Salvage Geodetic Survey Disc bid item is full compensation for removing and salvaging; and shipping or delivering the disc to the Geodetic Surveys Unit. Removing existing survey monuments will be paid separately under the Removing Concrete Bases bid item. Removing existing survey marker posts will be paid separately under the Removing Delineators and Markers bid item.

(3) Payment for the Geodetic Survey Monument bid item is full compensation for staking; providing concrete; providing steel reinforcement; for placing department-furnished geodetic discs; and for excavating and backfilling.

### 710 General Concrete QMP

#### 710.3 Certification Requirements

*Replace paragraph (1) and add paragraph (2) effective with the November 2025 letting.*

(1) Have a person certified from the Highway Technician Certification Program Portland Cement Concrete Technician 1 (HTCP - PCCTEC-1) or Assistant Certified Technician Program - Portland Cement Concrete (ACT-PCC) working under a certified technician, on the project site, prepared and equipped to perform required sampling and testing whenever placing concrete.

(2) The department will have a certified HTCP Portland Cement Concrete Mix Design Certification (PCC MDC) technician to review and approve concrete mixes.

#### 710.4 Concrete Mixes

*Replace subsection with the following effective with the November 2025 letting.*

(1) The contractor is responsible for mix performance.

(2) At least 7 business days before producing concrete, document that materials conform to 501 unless the engineer allows or individual QMP specifications provide otherwise. Include the following:

1. For mixes: quantities per cubic yard expressed as SSD weights and net water, water to cementitious material ratio, air content, and SAM number.

2. For cementitious materials and admixtures: type, brand, and source.

3. For aggregates: absorption, oven-dried specific gravity, SSD bulk specific gravity, wear, soundness, light weight pieces, freeze thaw test results if required, and air correction factor. Submit component aggregate gradations, aggregate proportions, and target combined blended aggregate gradations using the following:

- DT2220 for combined aggregate gradations.

- DT2221 for optimized aggregate gradations.

4. For optimized concrete mixtures:

- Complete the worksheets within DT2221 according to the directions.

- Ensure the optimized aggregate gradations and the optimized mix design conform to WisDOT specifications and pass the built-in tests within DT2221.

- Verify slip-form mixture workability and conformance to specifications through required trial batching.

- Submit the completed DT2221 to the engineer electronically. Include the trial batch test results with the mix design submittal.

5. For high early strength (HES) concrete mixtures required by contract, complete the HES mix modification section in the DT2220 or DT2221 form.

(3) Document mix adjustments daily during concrete production.

(4) Prepare, notify, and submit mixture design modifications to the engineer. Do not place material until the documentation is submitted and, when required, written approval of the mixture design modifications.

(5) Report concrete mix design modifications as classified in levels as specified in table 710-1.

TABLE 710-1 MIX DESIGN MODIFICATION NOTIFICATION

NOTIFICATION	LEVEL I	LEVEL II	NEW MIX DESIGN DURING PROJECT
Prepare, notify, and submit mix design to Engineer	Prior to use	3 business days prior to use	5 business days prior to use
Approval required before placement	No	Yes	Yes

(6) A mix design modification is when any modification occurs for a specific level as specified in table 710-2.

(7) Dependent on the modification performed, documentation is required to be submitted to the engineer as specified in table 710-3.

(8) For HES concrete, conform as specified in table 710-4.

(9) HES concrete is not eligible for 28-day strength incentives.

(10) Submit concrete mix designs into MRS as specified in 701.1.2.7.

TABLE 710-2 MATERIAL MIX DESIGN MODIFICATIONS

*Replace Table 710-2, included with the November 2025 ASP-6, with the following effective with the February 2026 letting.*

MODIFICATION TYPE	LEVEL I	LEVEL II	NEW MIX DESIGN DURING PROJECT
Change in:	Water source	X	
	Cement source, type, or brand		X
	Total cementitious		X <sup>[1]</sup>
	Aggregate blend	X	
	Aggregate source		X
	SCM replacement rate		X
	SCM type and supplier		X
	Fly ash source (different class)		X
	Fly ash source (same class for pavements and cast-in-place barriers)		X
	Fly ash source (same class for structures)		X
	Slag source (same grade)		X
	Slag source (different grade)		X
Removal of:	Chemical admixture manufacturer or product name <sup>[2]</sup>		X
	Chemical admixture dosage rates	X <sup>[3]</sup>	X
	SCM		X
Addition of:	Chemical admixture other than Type B or D		X <sup>[3,4]</sup>
	Type B or Type D chemical admixture	X <sup>[3]</sup>	X <sup>[4]</sup>
	Non-fading, color pigment	X	
	Chemical admixture other than Type B or D		X <sup>[3,4]</sup>
	Type B or Type D chemical admixture	X <sup>[3]</sup>	X <sup>[4]</sup>
	New SCM		X

[1] For HES/SHES concrete modification only.

[2] Not including Type B or Type D chemical admixture.

[3] When admixture is from the concrete admixture APL and the dosage rate is within recommended dosage rates as specified in the APL. If the admixture dosage rate is outside of recommended dosage rates as specified in the APL, BTS approval is required before use.

[4] Not furnished from the APL.

**TABLE 710-3 MIX DESIGN MODIFICATION DOCUMENTATION**

*Replace Table 710-3, included with the November 2025 ASP-6, with the following effective with the February 2026 letting.*

NEW REQUIRED DOCUMENTATION	LEVEL I	LEVEL II	NEW MIX DESIGN DURING PROJECT
Results from trial batching if required			X
Amendment to the quality control plan	X	X	X
Water source name and report	X <sup>[1]</sup>		
Cement mill certification			X
WisDOT aggregate quality report			X
SCM mill certification		X	X
Chemical additive product data sheet	X	X	X
Updated DT2220 or DT2221 form	X	X	
New DT2220 or DT2221 form			X
New mixture ID: Contractor ID and WisDOT ID		X	X
New maturity curve	X <sup>[2]</sup>	X	X
New lot/sublot layout <sup>[3]</sup>		X <sup>[3,4,5]</sup>	X

<sup>[1]</sup> Water for concrete report conforming to 501.2.6 for private wells or surface water sources.

<sup>[2]</sup> Required only when using a retarder.

<sup>[3]</sup> Required for HES concrete.

<sup>[4]</sup> Required when changing the SCM replacement rate.

<sup>[5]</sup> Not required for SCM source change of same Class/Grade in pavements and cast-in-place barrier projects.

**TABLE 710-4 OPTIONS FOR HES CONCRETE**

SCENARIO	MIXTURE MODIFICATION	
When the contract requires, or the HES is directed by the department	OPTION 1 <sup>[1]</sup>	Add 94 to 282 lb/cy of cement <sup>[2]</sup>
	OPTION 2	Use Type III cement
When the engineer allows HES when requested by the contractor in writing	Add up to 282 lb/cy of cement <sup>[1,2]</sup>	

<sup>[1]</sup> Adjust water to maintain workability without raising the w/cm ratio.

<sup>[2]</sup> Add to a previously accepted mixture.

### 710.5.6.2 Contractor Control Charts

#### 710.5.6.2.1 General

*Replace subsection with the following effective with the November 2025 letting.*

- (1) Test aggregate gradations during concrete production except as allowed for small quantities under 710.2. Perform required contractor testing using non-random samples.
- (2) Sample aggregates from either the conveyor belt or from the working face of the stockpiles.
- (3) Complete aggregate testing as specified in table 710-5. Submit one pre-placement test within five days before anticipated placement. Include this gradation on the control charts.
- (4) Report gradation test results and provide control charts to the engineer within 1 business day of obtaining the sample. Submit results to the engineer and electronically into MRS as specified in 701.1.2.7.
- (5) Conduct aggregate testing at the minimum frequency specified in table 710-5 for each mix design, except as allowed for small quantities in 710.2. The contractor's concrete production tests can be used for the same mix design on multiple contracts.

TABLE 710-5 QC AGGREGATE TESTING FREQUENCY

Replace Table 710-5, included with the November 2025 ASP-6, with the following effective with the February 2026 letting.

CONCRETE CLASSIFICATION	PRE-PLACEMENT TESTING	PLACEMENT TESTING	
Class I: Pavement <sup>[1]</sup>	One pre-placement test per aggregate source	Hand Placement: ≤ 250 CY	One test per cumulative 250 CY
Class I: Structures <sup>[2], [3], [4]</sup>		> 250 CY	One test per day
Class I: Cast-in Place Barrier <sup>[1]</sup>		Slip Formed Placement ≤ 1500 CY	One test per day
		> 1500 CY	Two tests per day
Class II: Base	One pre-placement test per aggregate source	One test per cumulative 150 CY, maximum one test per day	
Class II: Structure Repair - Joints		≤ 250 CY	One test per cumulative 250 CY
Class II: Concrete Overlay		> 250 CY	One test per day
Class II: Pavement Repair		One test per calendar week of production	
Class II: Pavement Replacement		One test per cumulative 150 CY, maximum one test per day	
Class II: Base Patching		One test per 400 CY, minimum one test per 10 business days, maximum one test per day	
Class II: Ancillary			
Class II: Structure Repair – Curb & Surface <sup>[5]</sup>		Preplacement testing only	

<sup>[1]</sup> Frequency is based on project daily production rate.

<sup>[2]</sup> Aggregate gradation testing must be performed on a per contract basis. If multiple structures are on the same contract and use the same aggregate source, then the samples must be collected based on cumulative concrete contract quantities within the same concrete classification.

<sup>[3]</sup> WTM T255 (Fine and Coarse) required for each aggregate sample.

<sup>[4]</sup> Calculate trial batch weights for each mix design when production begins and whenever the moisture content of the fine or coarse aggregate changes by more than 0.5 percent, adjust the batch weights to maintain the design w/cm ratio.

<sup>[5]</sup> Aggregate gradation must meet the gradation previously approved by the engineer.

### 710.5.6.3 Department Acceptance Testing

Replace subsection with the following effective with the November 2025 letting.

- (1) Department testing frequency is based on the quantity of each mix design placed under each individual WisDOT contract as specified table 710-6. Aggregate gradation testing must be performed on a per contract basis.
- (2) The department will split each sample, test for acceptance, and retain the remainder for a minimum of 10 calendar days.
- (3) The department will obtain the sample and deliver to the regional testing lab in the same day. The department will report gradation test results to the contractor within 1 business day of being delivered to the lab. The department and contractor can agree to an alternative test result reporting timeframe. Document alternative timeframes in the contractor's quality control plan.
- (4) Additional samples may be taken at the engineer's discretion due to a changed condition.
- (5) If multiple bid items on the same contract use the same aggregate source, then the samples must be collected based on cumulative concrete contract quantities within the same concrete classification.
- (6) Department will test small quantities at the minimum frequency specified in table 710-7.

TABLE 710-6 QV AGGREGATE TESTING FREQUENCY

CONCRETE CLASSIFICATION	PLACEMENT TESTING
Class I: Pavement	<p>One test per placement day for first 5 days of placement.</p> <ul style="list-style-type: none"> <li>- If all samples are passing, reduced testing frequency is applied.</li> <li>- Reduced frequency: One test per calendar week of placement</li> </ul>
Class I: Structures	<p>One test per 250 CY placed.</p> <ul style="list-style-type: none"> <li>- Minimum of one test per contract for substructure</li> <li>- Minimum of one test per contract for superstructure</li> </ul>
Class I: Cast-in-Place Barrier	One test per 500 CY placed
Class II: Concrete Overlay	<p>One test per 250 CY</p> <ul style="list-style-type: none"> <li>- Maximum one test per day</li> </ul>
Class II: Base	No minimum testing
Class II: Structure Repair	
Class II: Pavement Repair	
Class II: Pavement Replacement	
Class II: Base Patching	
Class II: Ancillary	

TABLE 710-7 QV AGGREGATE TESTING FREQUENCY FOR SMALL QUANTITIES

CONCRETE CLASSIFICATION	PLACEMENT TESTING
Class I: Pavement	One test on the first day of placement.
Class I: Structures	
Class I: Cast-in-Place Barrier	

### 710.5.7 Corrective Action

#### 710.5.7.1 Optimized Aggregate Gradations

*Replace subsection with the following effective with the November 2025 letting.*

(1) If the contractor's 4-point running average or a department test result of the volumetric percent retained exceeds the tarantula curve limits by less than or equal to 1.0 percent on a single sieve size or limits listed in the additional requirements for optimized aggregate gradation in 501.2.7.4.2 table 501-4, notify the other party immediately and do the following:

##### Option A:

1. Perform corrective action documented in the QC plan or as the engineer approves.
2. Document and provide corrective action results to the engineer as soon as they are available.
3. Department will conduct two tests within the next business day after corrective action. Department will provide test results to contractor after each test is complete.
4. If blended aggregate gradations are within the tarantula curve limits by the second department test:
  - Continue with concrete production.
  - Include a break in the 4-point running average.
  - For Class I Pavements: The department will discontinue reduced frequency testing and will test at a frequency of 1 test per placement day. Once 5 consecutive samples are passing at the 1 test per placement day frequency, the reduced frequency testing will be reapplied.
5. If blended aggregate gradations are not within the tarantula curve limits by the second department test:
  - If the contract does not require optimized aggregate gradation under 501.2.7.4.2.1(2), stop concrete production and submit either a modified optimized aggregate gradation mix design or a new optimized aggregate gradation mix design or a new combined aggregate gradation mix design.
  - If the contract requires optimized aggregate gradations under 501.2.7.4.2.1(2), stop concrete production and submit a modified optimized aggregate gradation mix design or a new optimized aggregate gradation mix design.

##### Option B:

1. Submit a modified optimized aggregate gradation mix design or a new optimized aggregate gradation mix design.
2. Restart control charts for new mix design.

(2) If the contractor's 4-point running average or a department test result of the volumetric percent retained exceeds the tarantula curve limits by more than 1.0 percent on one or more sieves, stop concrete production and submit a modified mix design or a new mix design.

(3) Both the department and contractor must sample and test aggregate of the modified mix design or a new mix design at the frequency specified in 710.5.6.1.

#### 710.5.7.2 Combined Aggregate Gradations

*Replace subsection with the following effective with the November 2025 letting.*

(1) If the contractor's 4-point running average or a department test result of the percent passing by weight exceeds the combined aggregate gradation limits by less than or equal to 1.0 percent on a single sieve size, do the following:

1. Notify the other party immediately.
2. Perform corrective action documented in the QC plan or as the engineer approves.
3. Document and provide corrective action results to the engineer as soon as they are available.
4. The department will conduct two tests within the next business day after corrective action is complete.
5. If blended aggregate gradations are within the combined aggregate gradation limits by the second department test:
  - Continue with concrete production.
  - Include a break in the 4-point running average.
  - For Class I Pavements: The department will discontinue reduced frequency testing and will test at a frequency of 1 test per placement day. Once 5 consecutive samples are passing at the 1 test per placement day frequency, the reduced frequency testing will be reapplied.
6. If blended aggregate gradations are not within the combined aggregate gradation limits by the second department test, stop concrete production and submit a modified mix design or a new mix design.

(2) If the contractor's 4-point running average or a department test result of the percent passing by weight exceeds the combined aggregate gradation limits by more than 1.0 percent on one or more sieves, stop concrete production and submit a modified mix design or a new mix design.

(3) Both the department and contractor must sample and test aggregate of the modified mix design or a new mix design at the frequency specified in 710.5.6.1.

---

## 715 QMP Concrete Pavement, Cast-in-Place Barrier and Structures

### 715.3.1.2 Lot and Sublot Definition

#### 715.3.1.2.1 General

*Replace subsection with the following effective with the November 2025 letting.*

(1) Designate the location and size of all lots before placing concrete. Ensure that no lot contains concrete of more than one mix design or placement method defined as follows:

**Mix design change** A modification to the mix requiring the engineer's approval under 710.4(5).

For paving and barrier mixes, follow 710.4(4) and 710.4(5) for concrete mixture design modifications.

**Placement method** Either slip-formed, not slip-formed, or placed under water.

(2) Lots and sublots include ancillary concrete placed integrally with the class I concrete.

#### 715.3.1.2.3 Lots by Cubic Yard

*Replace paragraph (3) with the following effective with the November 2025 letting.*

(3) An undersized lot is eligible for incentive payment under 715.5 if the lot has 4 or more sublots for that lot.

### 715.3.2 Strength Evaluation

#### 715.3.2.1 General

*Replace subsection with the following effective with the November 2025 letting.*

(1) The department will make pay adjustments for strength on a lot-by-lot basis using the compressive strength of contractor QC cylinders or the flexural strength of contractor QC beams.

(2) The department will evaluate the subplot for possible removal and replacement if the 28-day subplot average strength is:

- Pavement (Compressive): < 2500 psi
- Pavement (Flexural): < 500 psi
- Structure: < f'c - 500 psi <sup>[1]</sup>

- Cast-in-Place Barrier:  $f'_c < 500$  psi <sup>[1]</sup>

<sup>[1]</sup>  $f'_c$  is design strength found in plans or specials.

## 715.5 Payment

### 715.5.1 General

Replace paragraph (4) and add paragraphs (8) and (9) effective with the November 2025 letting.

(4) The department will adjust pay for each lot using PWL of the 28-day subplot average strengths for that lot. The department will measure PWL relative to strength lower specification limits as follows:

- Compressive strength of 3700 psi for pavements.
- Flexural strength of 650 psi for pavements.
- Compressive strength of 4000 psi for super structures and barrier, or as shown in the plan details.
- Compressive strength of 3500 psi for substructures and culverts, or as shown in the plan details.

(5) The department will not pay a strength incentive for concrete that is nonconforming in another specified property, for ancillary concrete accepted based on tests of class I concrete, or for high early strength concrete unless placed in pavement gaps as allowed under 715.3.1.2.2.

(6) Submit test results to the department electronically using MRS software. The department will verify contractor data before determining pay adjustments.

(7) All coring and testing costs under 715.3.2.2 including filling core holes and providing traffic control during coring are incidental to the contract.

(8) If the contractor combines concrete of varying specified strengths in a single lot/sublot, the highest specified strength of the related concrete shall be used to calculate pay incentive/disincentive.

(9) The department will apply one price adjustment to a given quantity of material. If the quantity in question is subject to more than one nonconforming test, apply the adjustment with the greater price reduction. In the absence of exact quantities affected by the subplot test results, pay reductions will be applied to the entire subplot.

### 715.5.4 Pay Adjustments for Nonconforming Air Content, Temperature, and Delivery Time

Add subsection 715.5.4 (Pay Adjustments for Nonconforming Air Content, Temperature, and Delivery Time) effective with the November 2025 letting.

(1) The department will adjust pay for each subplot with nonconforming QC air content and temperature test results as specified in table 715-2 and table 715-3. If the quantity in question is subject to more than one of the following conditions, apply the adjustment with the greater price reduction.

(2) For high temperatures, the engineer may consider the effectiveness of the contractor's temperature control plan and the contractor's compliance with their temperature control plan before taking a price reduction.

(3) A 25% price reduction to the concrete invoice price will be applied if concrete is placed after the delivery time exceeds the limit specified in 501.3.5.2.

TABLE 715-2 PRICE REDUCTIONS FOR NONCONFORMING AIR CONTENT

LIMITS (%)		PERCENT PRICE REDUCTION OF THE CONTRACT UNIT PRICE
Above Specification	$\geq 0.5$ <sup>[1]</sup>	10
	0.1 to 0.4 <sup>[1]</sup>	5
Below Specification	0.1 to 0.5	20
	0.6 to 1.0	30
	$> 1.0$	50 or remove and replace

<sup>[1]</sup> Evaluate the strength data. If the strengths are acceptable, do not take a price reduction for high air content. Contractor is responsible to provide additional strength data, if necessary.

**TABLE 715-3 PRICE REDUCTIONS FOR NONCONFORMING TEMPERATURE**

Replace Table 715-3, included with the November 2025 ASP-6, with the following effective with the February 2026 letting.

CONCRETE TEMPERATURE (F) <sup>[1]</sup>		PRICE REDUCTION (%)
Upper Temperature Limit <sup>[2]</sup>	> 80 to <= 85	10
	> 85	25
Lower Temperature Limit	45 to <= 50	10
	< 45	25

<sup>[1]</sup> Applies only for Concrete Structures and Cast-in-Place Barrier.

<sup>[2]</sup> If a written temperature control plan outlining the actions by the contractor to control concrete temperature at the point of placement exceeding 80 F is submitted and followed to effectively control the temperature, the upper temperature limit is increased by 10 F for price reductions for nonconforming temperature.

## 716 QMP Ancillary Concrete

### 716.2 Materials

#### 716.2.1 Class II Concrete

Replace paragraph (2) with the following effective with the November 2025 letting.

(2) Perform random QC testing at the following frequencies:

1. Test air content, temperature, and slump a minimum of once per 100 cubic yards for each mix design and placement method.
2. Cast one set of 3 cylinders per 200 cubic yards for each mix design and placement method. Cast a minimum of one set of 3 cylinders per contract for each mix design and placement method. Random 28-day compressive strength cylinders are not required for HES or SHES concrete.
3. For deck overlays, perform tests and cast cylinders once per 50 cubic yards of grade E concrete placed.
4. For concrete base, one set of tests and one set of cylinders per 250 cubic yards.

The department will allow concrete startup test results for small quantities as specified in 710.2(1). Cast one set of 3 cylinders if using startup testing for acceptance.

#### 716.2.2 Class III Concrete

Replace paragraph (1) with the following effective with the November 2025 letting.

(1) Acceptance of class III concrete is based on DT2220/ DT2221 certification page. Submit the certificate of compliance at least 3 business days before producing concrete along with the initial concrete mix documentation as required under 710.4(2).

## Bid Items

### 500 Bid Items

Remove the following bid items effective with the February 2026 letting.

522.2363	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 63x98-Inch	LF
522.2663	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 63x98-Inch	EACH

### 600 Bid Items

Remove the following bid item effective with the February 2026 letting.

608.2363	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 63x98-Inch	LF
----------	--	----

Add the following bid item effective with the November 2025 letting.

611.0613	Inlet Covers Type DW	EACH
----------	----------------------	------

Remove the following bid items effective with the November 2025 letting.

621.0100	Landmark Reference Monuments	EACH
621.1100	Landmark Reference Monuments and Cast-Iron Covers	EACH
621.1200	Landmark Reference Monuments and Aluminum Covers	EACH

Remove the following bid items effective with the November 2025 letting.

643.0405	Traffic Control Barricades Type I	DAY
643.0410	Traffic Control Barricades Type II	DAY
643.0800	Traffic Control Arrow Boards	DAY

*Add the following bid items effective with the November 2025 letting.*

643.0810	Traffic Control Connected Arrow Boards	DAY
643.1220	Traffic Control Connected Work Zone Start and End Location Markers	DAY

*Add the following bid item effective with the February 2026 letting.*

657.0348	Poles Type 9 - Special Over Height	EACH
657.0353	Poles Type 10 - Special Over Height	EACH

*Add the following bid items effective with the November 2025 letting.*

680.0100	Public Land Survey Monument Verify and Reset	EACH
682.0100	Salvage Geodetic Survey Disk	EACH
682.0200	Geodetic Survey Monuments	EACH

## ERRATA

### 204.3.1.3 Salvaging or Disposal of Materials

*Replace paragraph (2) to correct link from 203.3.4 to 203.3.5 effective with the November 2024 letting.*

(2) Dispose of concrete, stone, brick, and other material not designated for salvage as specified for disposing of materials under 203.3.5.

### 204.3.2.3 Removing Buildings

*Replace paragraph (2) to correct link from 203.3.4 to 203.3.5 effective with the November 2024 letting.*

(2) Buildings removed and materials resulting from building removal become the contractor's property unless the contract specifies otherwise. Dispose of unclaimed and removed material as specified for disposing of materials in 203.3.5.

### 335.3.2 Rubblizing

*Replace paragraph (6) to correct link from 203.3.4 to 203.3.5 effective with the November 2024 letting.*

(6) Remove reinforcing steel exposed at the surface by cutting below the surface and disposing of the steel as specified in 203.3.5. Do not remove unexposed reinforcing steel.

### 335.3.3 Compacting

*Replace paragraph (2) to correct link from 203.3.4 to 203.3.5 effective with the November 2024 letting.*

(2) Remove loose asphaltic patching material, joint fillers, expansion material, or other similar materials from the compacted surface. Also remove pavement or patches that have a maximum dimension greater than or equal to 6 inches that are either not well seated or projecting more than one inch. Dispose of removed material as specified in 203.3.5.

### 460.3.3.2 Pavement Density Determination

*Replace change description annotation with the following to revise implementation date. This change is effective with the November 2025 letting.*

Add information to 460.3.3.2(1) and (3). Add reference to CMM, WTM, and WTP H-002. WTP H-002 contains the subplot layouts formerly in CMM 815. Definition of a lot is now defined here (460.3.3.2(3)) instead of CMM. This change was implemented via ASP-6 with the February 2024 letting.

### 602.3.6 Concrete Rumble Strips

*Replace paragraph (5) to correct link from 203.3.4 to 203.3.5 effective with the November 2024 letting.*

(5) At the end of each workday, move equipment and material out of the clear zone and sweep or vacuum the traveled way pavement and shoulder areas. Sweep away or vacuum up milling debris before opening adjacent lanes to traffic. Dispose of waste material as specified in 203.3.5; do not place on the finished shoulder surface.

### 604.2 Materials

*Replace paragraph (1) with the following information to remove line and link for crushed aggregate effective with the November 2024 letting. The crushed aggregate gradation information for slope paving is now found in 604.2(3).*

(1) Furnish materials conforming to the following:

Water.....	501.2
Select crushed material.....	312.2
Concrete.....	501
Reinforcement.....	505
Expansion joint filler .....	415.2.3
Asphaltic materials .....	455.2

## ADDITIONAL SPECIAL PROVISION 7

A. Reporting 1<sup>st</sup> Tier and DBE Payments During Construction

1. Comply with reporting requirements specified in the department's Civil Rights Compliance, Contractor's User Manual, Sublets and Payments.
2. Report payments to all DBE firms within 10 calendar days of receipt of a progress payment by the department or a contractor for work performed, materials furnished, or materials stockpiled by a DBE firm. Report the payment as specified in A(1) for all work satisfactorily performed and for all materials furnished or stockpiled.
3. Report payments to all first tier subcontractor relationships within 10 calendar days of receipt of a progress payment by the department for work performed. Report the payment as specified in A(1) for all work satisfactorily performed.
4. All tiers shall report payments as necessary to comply with the DBE payment requirement as specified in A(2).
5. DBE firms must enter all payments to DBE and non-DBE firms regardless of tier.
6. Require all first tier relationships, DBE firms and all other tier relationships necessary to comply with the DBE payment requirement in receipt of a progress payment by contractor to acknowledge receipt of payment as specified in A(1), (2), (3) and (4).
7. All agreements made by a contractor shall include the provisions in A(1), (2), (3), (4), (5), and (6), and shall be binding on all first tier subcontractor relationships, all contractors and subcontractors utilizing DBE firms on the project, and all payments from DBE firms.

B. Costs for conforming to this special provision are incidental to the contract.

NOTE: CRCS Prime Contractor payment is currently not automated and will need to be manually loaded into the Civil Rights Compliance System. Copies of prime contractor payments received (check or ACH) will have to be forwarded to [paul.ndon@dot.wi.gov](mailto:paul.ndon@dot.wi.gov) within 5 days of payment receipt to be logged manually.

\*\*\*Additionally, for information on Subcontractor Sublet assignments, Subcontractor Payments and Payment Tracking, please refer to the CRCS Payment and Sublets manual at:

<https://wisconsindot.gov/Documents/doing-bus/civil-rights/laborwage/crcs-payments-sublets-manual.pdf>

## **ADDITIONAL SPECIAL PROVISION 9**

### **Electronic Certified Payroll or Labor Data Submittal**

- (1) Use the department's Civil Rights Compliance System (CRCS) for projects with a LET date on or before December 2024 and AASHTOWare Project Civil Rights and Labor (AWP CRL) for projects with a LET date on or after January 2025 to electronically submit Certified Payroll Reports for contracts with federal funds and labor data for contracts with state funds only. Details are available online through the department's Highway Construction Contractor Information (HCCI) site on the Labor, Wages, and EEO Information page at:  
<https://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/default.aspx>
- (2) Ensure that all tiers of subcontractors, including all trucking firms, either submit their weekly certified payroll reports (contracts with federal funds) or labor data (contracts with state funds only) electronically through CRCS or AWP CRL. These payrolls or labor data are due within seven calendar days following the close of the payroll period. Every firm providing physical labor towards completing the project is a subcontractor under this special provision.
- (3) Upon receipt of contract execution, promptly make all affected firms aware of the requirements under this special provision and arrange for them to receive CRCS or AWP CRL training as they are about to begin their submittals. The department will provide training either in a classroom setting at one of our regional offices, via the online AWP Knowledge Base, or by telephone. to schedule CRCS specific training. The AWP Knowledge Base is at: <https://awpkb.dot.wi.gov/>
- (4) The department will reject all paper submittals for information required under this special provision. All costs for conforming to this special provision are incidental to the contract.
- (5) For firms wishing to export payroll/labor data from their computer system, have their payroll coordinator contact:
  - For CRCS: Paul Ndon at [paul.ndon@dot.wi.gov](mailto:paul.ndon@dot.wi.gov). Information about exporting payroll/labor data. Not every contractor's payroll system can produce export files. For details, see Section 4.8 CPR Auto Submit (Data Mapping) on pages 49-50; 66-71 of the CRCS Payroll Manual at: <https://wisconsindot.gov/Documents/doing-bus/civil-rights/labornwage/crcs-payroll-manual.pdf>
  - For AWP CRL: Contact AWP Support at [awpsupport@dot.wi.gov](mailto:awpsupport@dot.wi.gov). Additional information can be found in the AWP Knowledge Base at <https://awpkb.dot.wi.gov/Content/crl/Payrolls-PrimesAndSubs/PayrollXMLFileCreationProcess.htm>

## NON-DISCRIMINATION PROVISIONS

**During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:**

- 1. Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, Federal Highway Administration, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
- 2. Non-discrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.
- 3. Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.
- 4. Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the Federal Highway Administration to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the Federal Highway Administration, as appropriate, and will set forth what efforts it has made to obtain the information.
- 5. Sanctions for Noncompliance:** In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:
  - a. Withholding payments to the contractor under the contract until the contractor complies; and/or
  - b. Cancelling, terminating, or suspending a contract, in whole or in part.
- 6. Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the Federal Highway Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

**During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:**

**Pertinent Non-Discrimination Authorities:**

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures Non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of Limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

## DOMESTIC MATERIALS PREFERENCE PROVISION

Domestic Materials Preference (in accordance with the Buy America Act per [23 CFR 635.410](#), and the Build America-Buy America Act (BABA) per [2 CFR Part 184](#), and [2 CFR Part 200](#)) shall be articles, materials, or supplies permanently incorporated in this project as classified in the following four categories, and as described in the Construction and Materials Manual (CMM):

### 1. Iron and Steel

To be considered domestic, all steel and iron products used, and all products predominantly manufactured from steel or iron must be produced in the United States in accordance with the steel and iron product standards in 23 CFR 635.410.

This includes smelting, coating, bending, shaping, and all other manufacturing processes performed on the product. Coating includes all processes which protect or enhance the value of the material to which the coating is applied.

Products that are predominantly iron or steel or a combination of both as defined in 23 CFR 635.410 are considered Steel and Iron products and must comply with this section.

### 2. Construction Materials

To be considered domestic, all construction materials used must be produced in the United States in accordance with the construction material standards in [2 CFR 184.6](#):

- Non-ferrous metals: All manufacturing processes, from initial smelting or melting through final shaping, coating, and assembly, occurred in the United States.
- Plastic and polymer-based products: All manufacturing processes, from initial combination of constituent plastic or polymer-based inputs, or, where applicable, constituent composite materials, until the item is in its final form, occurred in the United States.
- Glass: All manufacturing processes, from initial batching and melting of raw materials through annealing, cooling, and cutting, occurred in the United States.
- Fiber optic cable (including drop cable): All manufacturing processes, from the initial ribboning (if applicable), through buffering, fiber stranding and jacketing, occurred in the United States. All manufacturing processes also include the standards for glass and optical fiber, but not for non-ferrous metals, plastic and polymer-based products, or any others.
- Optical fiber: All manufacturing processes, from the initial preform fabrication stage through the completion of the draw, occurred in the United States.
- Lumber: All manufacturing processes, from initial debarking through treatment and planning, occurred in the United States.
- Drywall: All manufacturing processes, from initial blending of mined or synthetic gypsum plaster and additives through cutting and drying of sandwiched panels, occurred in the United States.
- Engineered wood: All manufacturing processes from the initial combination of constituent materials until the wood product is in its final form, occurred in the United States.

### 3. Manufactured Products

To be considered domestic, all manufactured products used must be produced in the United States as defined in [23 CFR 635.410\(c\)\(1\)\(vii\)](#):

- For projects with let dates on or after October 1, 2025, the final step in the manufacturing process must occur in the United States.
- For projects with let dates on or after October 1, 2026, the final step in the manufacturing process must occur in the United States and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States must be greater than 55 percent of the total cost of all components of the manufactured product.

Manufactured products means articles, materials, or supplies that have been processed into a specific form and shape, or combined with other articles, materials, or supplies to create a product with different properties than the individual articles, materials, or supplies. If an item is classified as an iron or steel product, an excluded material, or construction material, then it is not a manufactured product. An article, material, or supply classified as a manufactured product may include components that are iron or steel

products, excluded materials, or construction materials. Mixtures of excluded materials delivered to a work site without final form for incorporation into a project are not a manufactured product.

Items that consist of two or more construction materials that have been combined together through a manufacturing process, and items that include at least one construction material combined with a material that is not a construction material (including steel/iron) through a manufacturing process are treated as manufactured products, rather than as construction materials.

Products that are classified as predominantly iron or steel do not meet the definition of a manufactured product and must comply with section 1.

With respect to precast concrete products **that are classified as manufactured products**, components of precast concrete products that consist wholly or predominantly of iron or steel or a combination of both shall meet the requirements of section 1. The cost of such components shall be included in the applicable calculation for purposes of determining whether the precast concrete product is produced in the United States.

With respect to intelligent transportation systems and other electronic hardware systems that are installed in the highway right of way or other real property **and classified as manufactured products**, the cabinets or other enclosures of such systems that consist wholly or predominantly of iron or steel or a combination of both shall meet the requirements of section 1. The cost of cabinets or other enclosures shall be included in the applicable calculation for purposes of determining whether systems referred to in the preceding sentence are produced in the United States.

#### 4. Temporary and Excluded Materials

Temporary materials, and excluded materials meeting the definition of Section 70917(c) Materials as defined in [2 CFR 184](#), do not have any domestic materials requirements. Section 70917(c) Materials means cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives. Mixtures of excluded materials delivered to a work site without final form for incorporation into a project are not a manufactured product.

The classification of an article, material, or supply as falling into one of the categories listed in this section will be made based on its status at the time it is brought to the work site for incorporation into the project. Except as otherwise provided, an article, material, or supply incorporated into an infrastructure project must meet the Domestic Material Preference for only the single category in which it is classified.

Requirements do not preclude a minimal use of foreign steel and iron provided the cost of such materials do not exceed 0.1 percent (0.1%) of the total contract cost or \$2500 whichever is greater. The total contract cost is the contract amount at award.

For each iron or steel product subject to meeting domestic materials requirements, that doesn't fully meet Buy America Act requirements, the following documentation must be provided by the Contractor to verify the foreign steel value. Ensure the threshold is not exceeded and place the documentation in the project files.

- Pay Item,
- Description of associated foreign iron or steel product, or component,
- Invoiced cost of associated foreign iron or steel product, or component, and
- Current cumulative list of all foreign iron or steel products with the total dollar amount of foreign products in relation to the total contract amount.

The minimal use of foreign iron or steel under the minimal usage threshold must be approved by the Engineer prior to incorporation into the project and any associated payment under the contract. The use of foreign iron or steel under the minimal usage threshold does not need to be approved by FHWA. This amount is not considered a waiver to the domestic materials requirements. The Contractor must ensure that the minimal usage amount is not exceeded.

The contractor shall take actions and provide documentation conforming to CMM 228.5 to ensure compliance with this Domestic Material provision.

<https://wisconsindot.gov/rdwy/cmm/cm-02-28.pdf>

Effective with October 2025 Letting

Upon completion of the project, certify to the engineer, in writing using department form DT4567 that all iron and steel, construction materials, and manufactured products conform to this domestic material provision.

Form DT4567 is available at: <https://wisconsindot.gov/Documents/formdocs/dt4567.docx>

Attach a list of foreign iron or steel and their associated costs to the certification form using the Domestic Material Exemption Tracking Tool, available at:

<https://wisconsindot.gov/hccidocs/contracting-info/buy-america-exemption-tracking-tool.xlsx>



## Proposal Schedule of Items

Page 1 of 12

**Proposal ID:** 20260310012    **Project(s):** 6085-02-76, 6085-02-78**Federal ID(s):** N/A, N/A**SECTION:** 0001

Contract Items

**Alt Set ID:****Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0205 Grubbing	1.000 STA	_____ : _____	_____ : _____
0004	203.0100 Removing Small Pipe Culverts	2.000 EACH	_____ : _____	_____ : _____
0006	204.0150 Removing Curb & Gutter	1,036.000 LF	_____ : _____	_____ : _____
0008	204.0210 Removing Manholes	1.000 EACH	_____ : _____	_____ : _____
0010	204.0220 Removing Inlets	2.000 EACH	_____ : _____	_____ : _____
0012	204.0245 Removing Storm Sewer (size) 01. 15-Inch	64.000 LF	_____ : _____	_____ : _____
0014	204.0245 Removing Storm Sewer (size) 02. 24-Inch	52.000 LF	_____ : _____	_____ : _____
0016	205.0100 Excavation Common	13,014.000 CY	_____ : _____	_____ : _____
0018	208.0100 Borrow	55.000 CY	_____ : _____	_____ : _____
0020	208.1500.S Temporary Lane Shift During Culvert Work	2.000 EACH	_____ : _____	_____ : _____
0022	213.0100 Finishing Roadway (project) 01. 6085-02-76	1.000 EACH	_____ : _____	_____ : _____
0024	305.0110 Base Aggregate Dense 3/4-Inch	899.000 TON	_____ : _____	_____ : _____
0026	305.0120 Base Aggregate Dense 1 1/4-Inch	9,959.000 TON	_____ : _____	_____ : _____
0028	311.0110 Breaker Run	1,818.000 TON	_____ : _____	_____ : _____
0030	312.0110 Select Crushed Material	9,614.000 TON	_____ : _____	_____ : _____



## Proposal Schedule of Items

Page 2 of 12

**Proposal ID:** 20260310012    **Project(s):** 6085-02-76, 6085-02-78**Federal ID(s):** N/A, N/A**SECTION:** 0001

Contract Items

**Alt Set ID:****Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	405.0100 Coloring Concrete WisDOT Red	185.000 CY		
0034	415.0090 Concrete Pavement 9-Inch	6,878.000 SY		
0036	415.2010 Concrete Truck Apron 12-Inch	552.000 SY		
0038	416.0620 Drilled Dowel Bars	40.000 EACH		
0040	455.0605 Tack Coat	350.000 GAL		
0042	460.2000 Incentive Density HMA Pavement	170.000 DOL	1.00000	170.00
0044	460.5224 HMA Pavement 4 LT 58-28 S	254.000 TON		
0046	465.0105 Asphaltic Surface	1,503.000 TON		
0048	465.0120 Asphaltic Surface Driveways and Field Entrances	2.000 TON		
0050	465.0310 Asphaltic Curb	51.000 LF		
0052	465.0315 Asphaltic Flumes	19.000 SY		
0054	520.2018 Culvert Pipe Temporary 18-Inch	28.000 LF		
0056	522.0436 Culvert Pipe Reinforced Concrete Class IV 36-Inch	77.000 LF		
0058	522.0442 Culvert Pipe Reinforced Concrete Class IV 42-Inch	108.000 LF		
0060	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	2.000 EACH		



## Proposal Schedule of Items

Page 3 of 12

**Proposal ID:** 20260310012    **Project(s):** 6085-02-76, 6085-02-78**Federal ID(s):** N/A, N/A**SECTION:** 0001

Contract Items

**Alt Set ID:****Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	2.000 EACH	_____ : _____	_____ : _____
0064	522.1042 Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	2.000 EACH	_____ : _____	_____ : _____
0066	601.0405 Concrete Curb & Gutter 18-Inch Type A	221.000 LF	_____ : _____	_____ : _____
0068	601.0409 Concrete Curb & Gutter 30-Inch Type A	1,557.000 LF	_____ : _____	_____ : _____
0070	601.0411 Concrete Curb & Gutter 30-Inch Type D	440.000 LF	_____ : _____	_____ : _____
0072	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	1,074.000 LF	_____ : _____	_____ : _____
0074	601.0581 Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type R	322.000 LF	_____ : _____	_____ : _____
0076	601.0600 Concrete Curb Pedestrian	120.000 LF	_____ : _____	_____ : _____
0078	602.0405 Concrete Sidewalk 4-Inch	11,196.000 SF	_____ : _____	_____ : _____
0080	602.0505 Curb Ramp Detectable Warning Field Yellow	320.000 SF	_____ : _____	_____ : _____
0082	602.0815 Concrete Driveway 7-Inch	68.000 SY	_____ : _____	_____ : _____
0084	606.0100 Riprap Light	6.000 CY	_____ : _____	_____ : _____
0086	606.0200 Riprap Medium	19.000 CY	_____ : _____	_____ : _____
0088	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	127.000 LF	_____ : _____	_____ : _____



## Proposal Schedule of Items

Page 4 of 12

**Proposal ID:** 20260310012    **Project(s):** 6085-02-76, 6085-02-78**Federal ID(s):** N/A, N/A**SECTION:** 0001

Contract Items

**Alt Set ID:****Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0090	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	144.000 LF	_____ : _____	_____ : _____
0092	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	130.000 LF	_____ : _____	_____ : _____
0094	611.0624 Inlet Covers Type H	1.000 EACH	_____ : _____	_____ : _____
0096	611.0636 Inlet Covers Type HM-S	1.000 EACH	_____ : _____	_____ : _____
0098	611.0639 Inlet Covers Type H-S	7.000 EACH	_____ : _____	_____ : _____
0100	611.0651 Inlet Covers Type S	1.000 EACH	_____ : _____	_____ : _____
0102	611.0652 Inlet Covers Type T	2.000 EACH	_____ : _____	_____ : _____
0104	611.3004 Inlets 4-FT Diameter	8.000 EACH	_____ : _____	_____ : _____
0106	611.3225 Inlets 2x2.5-FT	1.000 EACH	_____ : _____	_____ : _____
0108	611.3230 Inlets 2x3-FT	2.000 EACH	_____ : _____	_____ : _____
0110	611.8120.S Cover Plates Temporary	3.000 EACH	_____ : _____	_____ : _____
0112	612.0106 Pipe Underdrain 6-Inch	522.000 LF	_____ : _____	_____ : _____
0114	612.0902.S Insulation Board Polystyrene (inch) 01. 2-inch	32.000 SY	_____ : _____	_____ : _____
0116	618.0100 Maintenance and Repair of Haul Roads (project) 01. 6085-02-76	1.000 EACH	_____ : _____	_____ : _____
0118	619.1000 Mobilization	1.000 EACH	_____ : _____	_____ : _____



## Proposal Schedule of Items

Page 5 of 12

**Proposal ID:** 20260310012    **Project(s):** 6085-02-76, 6085-02-78**Federal ID(s):** N/A, N/A**SECTION:** 0001

Contract Items

**Alt Set ID:****Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0120	620.0300 Concrete Median Sloped Nose	157.000 SF	_____	_____
0122	624.0100 Water	202.000 MGAL	_____	_____
0124	625.0500 Salvaged Topsoil	14,044.000 SY	_____	_____
0126	627.0200 Mulching	4,086.000 SY	_____	_____
0128	628.1504 Silt Fence	1,374.000 LF	_____	_____
0130	628.1520 Silt Fence Maintenance	1,374.000 LF	_____	_____
0132	628.1905 Mobilizations Erosion Control	7.000 EACH	_____	_____
0134	628.1910 Mobilizations Emergency Erosion Control	4.000 EACH	_____	_____
0136	628.2008 Erosion Mat Urban Class I Type B	10,834.000 SY	_____	_____
0138	628.7010 Inlet Protection Type B	11.000 EACH	_____	_____
0140	628.7020 Inlet Protection Type D	1.000 EACH	_____	_____
0142	628.7504 Temporary Ditch Checks	46.000 LF	_____	_____
0144	628.7555 Culvert Pipe Checks	13.000 EACH	_____	_____
0146	629.0210 Fertilizer Type B	8.300 CWT	_____	_____
0148	630.0110 Seeding Mixture No. 10	152.000 LB	_____	_____
0150	630.0140 Seeding Mixture No. 40	280.000 LB	_____	_____



## Proposal Schedule of Items

Page 6 of 12

**Proposal ID:** 20260310012    **Project(s):** 6085-02-76, 6085-02-78**Federal ID(s):** N/A, N/A**SECTION:** 0001

Contract Items

**Alt Set ID:****Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0152	630.0160 Seeding Mixture No. 60	14.000 LB	_____.	_____.
0154	630.0200 Seeding Temporary	113.000 LB	_____.	_____.
0156	630.0500 Seed Water	196.000 MGAL	_____.	_____.
0158	633.5200 Markers Culvert End	4.000 EACH	_____.	_____.
0160	634.0614 Posts Wood 4x6-Inch X 14-FT	14.000 EACH	_____.	_____.
0162	634.0616 Posts Wood 4x6-Inch X 16-FT	25.000 EACH	_____.	_____.
0164	634.0618 Posts Wood 4x6-Inch X 18-FT	1.000 EACH	_____.	_____.
0166	634.0620 Posts Wood 4x6-Inch X 20-FT	4.000 EACH	_____.	_____.
0168	637.2210 Signs Type II Reflective H	291.040 SF	_____.	_____.
0170	637.2230 Signs Type II Reflective F	120.500 SF	_____.	_____.
0172	638.2602 Removing Signs Type II	11.000 EACH	_____.	_____.
0174	638.3000 Removing Small Sign Supports	9.000 EACH	_____.	_____.
0176	642.5001 Field Office Type B	1.000 EACH	_____.	_____.
0178	643.0300 Traffic Control Drums	11,813.000 DAY	_____.	_____.
0180	643.0420 Traffic Control Barricades Type III	2,444.000 DAY	_____.	_____.
0182	643.0500 Traffic Control Flexible Tubular Marker Posts	50.000 EACH	_____.	_____.



## Proposal Schedule of Items

Page 7 of 12

**Proposal ID:** 20260310012    **Project(s):** 6085-02-76, 6085-02-78**Federal ID(s):** N/A, N/A**SECTION:** 0001

Contract Items

**Alt Set ID:****Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0184	643.0600 Traffic Control Flexible Tubular Marker Bases	50.000 EACH	_____ : _____	_____ : _____
0186	643.0705 Traffic Control Warning Lights Type A	4,888.000 DAY	_____ : _____	_____ : _____
0188	643.0715 Traffic Control Warning Lights Type C	2,702.000 DAY	_____ : _____	_____ : _____
0190	643.0900 Traffic Control Signs	8,223.000 DAY	_____ : _____	_____ : _____
0192	643.0920 Traffic Control Covering Signs Type II	4.000 EACH	_____ : _____	_____ : _____
0194	643.1050 Traffic Control Signs PCMS	35.000 DAY	_____ : _____	_____ : _____
0196	643.3165 Temporary Marking Line Paint 6-Inch	7,285.000 LF	_____ : _____	_____ : _____
0198	643.3180 Temporary Marking Line Removable Tape 6-Inch	11,871.000 LF	_____ : _____	_____ : _____
0200	643.5000 Traffic Control	1.000 EACH	_____ : _____	_____ : _____
0202	644.1410 Temporary Pedestrian Surface Asphalt	543.000 SF	_____ : _____	_____ : _____
0204	644.1605 Temporary Pedestrian Detectable Warning Field	10.000 SF	_____ : _____	_____ : _____
0206	644.1810 Temporary Pedestrian Barricade	1,758.000 LF	_____ : _____	_____ : _____
0208	645.0120 Geotextile Type HR	55.000 SY	_____ : _____	_____ : _____
0210	645.0130 Geotextile Type R	23.000 SY	_____ : _____	_____ : _____
0212	646.1020 Marking Line Epoxy 4-Inch	3,508.000 LF	_____ : _____	_____ : _____



## Proposal Schedule of Items

Page 8 of 12

**Proposal ID:** 20260310012    **Project(s):** 6085-02-76, 6085-02-78**Federal ID(s):** N/A, N/A**SECTION:** 0001

Contract Items

**Alt Set ID:****Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0214	646.2040 Marking Line Grooved Wet Ref Epoxy 6-Inch	7,797.000 LF	_____	_____
0216	646.4020 Marking Line Epoxy 10-Inch	267.000 LF	_____	_____
0218	646.6320 Marking Dotted Extension Epoxy 18-Inch	56.000 LF	_____	_____
0220	646.7120 Marking Diagonal Epoxy 12-Inch	178.000 LF	_____	_____
0222	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	251.000 LF	_____	_____
0224	646.8120 Marking Curb Epoxy	38.000 LF	_____	_____
0226	646.8220 Marking Island Nose Epoxy	4.000 EACH	_____	_____
0228	646.9000 Marking Removal Line 4-Inch	3,893.000 LF	_____	_____
0230	648.0100 Locating No-Passing Zones	0.200 MI	_____	_____
0232	650.4000 Construction Staking Storm Sewer	11.000 EACH	_____	_____
0234	650.4500 Construction Staking Subgrade	1,021.000 LF	_____	_____
0236	650.5000 Construction Staking Base	217.000 LF	_____	_____
0238	650.6000 Construction Staking Pipe Culverts	2.000 EACH	_____	_____
0240	650.7000 Construction Staking Concrete Pavement	804.000 LF	_____	_____
0242	650.9500 Construction Staking Sidewalk (project) 01. 6085-02-76	1.000 EACH	_____	_____



## Proposal Schedule of Items

Page 9 of 12

**Proposal ID:** 20260310012    **Project(s):** 6085-02-76, 6085-02-78**Federal ID(s):** N/A, N/A**SECTION:** 0001

Contract Items

**Alt Set ID:****Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0244	650.9911 Construction Staking Supplemental Control (project) 01. 6085-02-76	1.000 EACH	_____ : _____	_____ : _____
0246	650.9920 Construction Staking Slope Stakes	1,805.000 LF	_____ : _____	_____ : _____
0248	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	1,387.000 LF	_____ : _____	_____ : _____
0250	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	26.000 LF	_____ : _____	_____ : _____
0252	652.0325 Conduit Rigid Nonmetallic Schedule 80 2-Inch	185.000 LF	_____ : _____	_____ : _____
0254	653.0164 Pull Boxes Non-Conductive 24x42-Inch	9.000 EACH	_____ : _____	_____ : _____
0256	654.0101 Concrete Bases Type 1	4.000 EACH	_____ : _____	_____ : _____
0258	654.0105 Concrete Bases Type 5	12.000 EACH	_____ : _____	_____ : _____
0260	654.0224 Concrete Control Cabinet Bases Type L24	1.000 EACH	_____ : _____	_____ : _____
0262	655.0615 Electrical Wire Lighting 10 AWG	6,201.000 LF	_____ : _____	_____ : _____
0264	657.0100 Pedestal Bases	4.000 EACH	_____ : _____	_____ : _____
0266	657.0322 Poles Type 5-Aluminum	12.000 EACH	_____ : _____	_____ : _____
0268	657.0420 Traffic Signal Standards Aluminum 13-FT	4.000 EACH	_____ : _____	_____ : _____
0270	657.0715 Luminaire Arms Truss Type 4 1 1/2-Inch Clamp 15-FT	12.000 EACH	_____ : _____	_____ : _____



## Proposal Schedule of Items

Page 10 of 12

**Proposal ID:** 20260310012    **Project(s):** 6085-02-76, 6085-02-78**Federal ID(s):** N/A, N/A**SECTION:** 0001

Contract Items

**Alt Set ID:****Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0272	658.0500 Pedestrian Push Buttons	4.000 EACH	_____ : _____	_____
0274	659.1120 Luminaires Utility LED B	12.000 EACH	_____ : _____	_____
0276	659.2124 Lighting Control Cabinets 120/240 24-Inch	1.000 EACH	_____ : _____	_____
0278	690.0150 Sawing Asphalt	253.000 LF	_____ : _____	_____
0280	690.0250 Sawing Concrete	1,707.000 LF	_____ : _____	_____
0282	715.0720 Incentive Compressive Strength Concrete Pavement	2,230.000 DOL	1.00000	2,230.00
0284	SPV.0035 Special 01. Trench Backfill - Water Main	365.000 CY	_____ : _____	_____
0286	SPV.0060 Special 01. Temporary Lighting System	1.000 EACH	_____ : _____	_____
0288	SPV.0060 Special 02. Construction Staking Roundabout	1.000 EACH	_____ : _____	_____
0290	SPV.0060 Special 03. Research and Locate Existing Land Parcel Monuments	11.000 EACH	_____ : _____	_____
0292	SPV.0060 Special 04. Verify and Replace Existing Land Parcel Monuments	11.000 EACH	_____ : _____	_____
0294	SPV.0060 Special 05. Rectangular Rapid Flashing Beacon (RRFB) System	1.000 EACH	_____ : _____	_____
0296	SPV.0060 Special 06. Abandon Existing Water Main (Slurry Fill)	1.000 EACH	_____ : _____	_____
0298	SPV.0060 Special 07. Remove Existing Hydrant	1.000 EACH	_____ : _____	_____



## Proposal Schedule of Items

Page 11 of 12

**Proposal ID:** 20260310012    **Project(s):** 6085-02-76, 6085-02-78**Federal ID(s):** N/A, N/A**SECTION:** 0001

Contract Items

**Alt Set ID:****Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0300	SPV.0060 Special 08. Abandon Existing Valve & Box	3.000 EACH	_____ : _____	_____ : _____
0302	SPV.0060 Special 09. Valve and Road Box 6-Inch	1.000 EACH	_____ : _____	_____ : _____
0304	SPV.0060 Special 10. Valve and Road Box 12-Inch	4.000 EACH	_____ : _____	_____ : _____
0306	SPV.0060 Special 11. Fire Hydrant	2.000 EACH	_____ : _____	_____ : _____
0308	SPV.0060 Special 12. Tee 12-Inch x 6-Inch	1.000 EACH	_____ : _____	_____ : _____
0310	SPV.0060 Special 13. Tee 12-Inch x 12-Inch	1.000 EACH	_____ : _____	_____ : _____
0312	SPV.0060 Special 14. 22.5 Degree Bend 12-Inch	2.000 EACH	_____ : _____	_____ : _____
0314	SPV.0060 Special 15. 45 Degree Bend 12-Inch	2.000 EACH	_____ : _____	_____ : _____
0316	SPV.0060 Special 16. Reducer 12-Inch x 6-Inch	1.000 EACH	_____ : _____	_____ : _____
0318	SPV.0060 Special 17. Connect to Existing Water Main	4.000 EACH	_____ : _____	_____ : _____
0320	SPV.0060 Special 18. Utility Line Opening (ULO)	1.000 EACH	_____ : _____	_____ : _____
0322	SPV.0060 Special 19. Dewatering	1.000 EACH	_____ : _____	_____ : _____
0324	SPV.0060 Special 20. Fire Hydrant Extension 6-Inch	1.000 EACH	_____ : _____	_____ : _____
0326	SPV.0090 Special 01. Remove Existing Water Main	48.000 LF	_____ : _____	_____ : _____
0328	SPV.0090 Special 02. Ductile Iron Water Main 6-Inch	16.000 LF	_____ : _____	_____ : _____



## Proposal Schedule of Items

Page 12 of 12

Proposal ID: 20260310012 Project(s): 6085-02-76, 6085-02-78

**Federal ID(s):** N/A, N/A

**SECTION: 0001** Contract Items

**Alt Set ID:** **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0330	SPV.0090 Special 03. Ductile Iron Water Main 12-Inch	282.000 LF	_____	_____

**Total Bid:** \_\_\_\_\_.

**PLEASE ATTACH ADDENDA HERE**