

# HIGHWAY WORK PROPOSAL

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

Proposal Number:

031

STATE ID	FEDERAL ID	PROJECT DESCRIPTION	HIGHWAY	COUNTY
9260-00-71	N/A	C Crandon, Lake Avenue, USH 8 to Crandon Rr Overhead	STH 032	Forest
9260-00-81	N/A	C Crandon, Lake Avenue, USH 8 to Crandon Rr Overhead	STH 032	Forest

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 70 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

Type of Work:	For Department Use Only
Removals, Grading, Aggregate, Asphalt Pavement, Culvert Pipe, Curb and Gutter, Concrete Sidewalk, Storm Sewer, Beam Guard, Erosion Control, Permanent Signing, Traffic Control, Pavement Marking, Sanitary, Water, Restoration.	
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

## 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**  
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## STSP'S Revised July 1, 2025

### SPECIAL PROVISIONS

#### 1. General.

Perform the work under this construction contract for Project 9260-00-71, C Crandon, Lake Avenue, USH 8 to Crandon RR Overhead, STH 32, Forest County and 9260-00-81, C Crandon, Lake Avenue, USH 8 to Crandon RR Overhead, STH 32, Forest 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, base aggregate dense, concrete curb & gutter, storm sewer, culvert pipe, HMA pavement, concrete sidewalk, guardrail, sanitary sewer and water, 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.

#### Stormwater Pond and Outfall Pipe

Stormwater pond and outfall pipe to be completed and properly restored 30 calendar days in advance of starting paving operations on STH 32.

#### Wolf River State Trail

The Wolf River State Trail shall be kept open on an adjacent temporary trail shift during storm sewer work at the location shown in the plans. The temporary trail shift will be utilized from 6:00 AM Monday to 3:00 PM Friday only. Properly restore the permanent trail and open to traffic from 3:00 PM Friday to 6:00 AM Monday. Maintain access from trail to parking area and restroom facilities at all times.

Coordinate the storm sewer work schedule with the Wisconsin Department of Natural Resources a minimum of 14 calendar days prior to the storm sewer work. Coordinate with the Wisconsin Department of Natural Resources for an on-site meeting once trail is restored. The coordination contacts are as follows:

- Jon Simonsen, Environmental Analysis and Review Specialist at (715) 367-1936
- Mike Duke, Recreation Liaison at (920) 366-1875
- Travis Wollenberg, Forest County Trail Manager at (715) 478-3475

#### 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.

## 4. Traffic.

### Overview

Close STH 32/55 from Glen Street to Cobb Boulevard to through traffic; local access only. Detour traffic onto USH 8, USH 45 and STH 32 as shown in the plans.

The detour route shall remain in place during holiday and special event periods.

Do not store vehicles, equipment, or materials on adjacent streets beyond the project limits without specific approval of the engineer.

Maintain emergency access to the project area at all times.

Coordinate garbage and recycling collection and mail delivery within the project area

### Requirements for Local Access Traffic Control

Construct and maintain a local traffic access route on any section of roadway within the construction zone that will carry only local traffic conforming to the following criteria:

- Number of Lanes: One lane through the work zone
- Lane Width: Minimum of 12-foot width

### Driveways

Maintain access to all private and commercial properties on a minimum of a base aggregate surface at all times. Construct driveways in stages as required to maintain traffic or for property owners with multiple driveways, only close one driveway at a time.

Contact both business and homeowners at least 48 hours in advance of restricting access and 72 hours prior to closing access.

### 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

Closure type with height, weight, or width restrictions (available width, all lanes in one direction < 16 feet)	MINIMUM NOTIFICATION
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 <math>\geq</math> 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.

## **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 32 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, June 19, 2026 to 6:00 AM Monday, June 22, 2026 FCP Brush Run;
- From noon Friday, July 3, 2026 to 6:00 AM Monday, July 6, 2026 Independence Day;
- From noon Friday, July 25, 2026 to 6:00 AM Monday, July 27, 2026 Kentuck Days;
- From noon Friday, September 4, 2026 to 6:00 AM Tuesday, September 8, 2026 Labor Day.

## **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 this 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.

### **Project 9260-00-71**

#### **Bug Tussel – Communication Line**

Bug Tussel has underground fiber optic cables along the east side of USH 8 between East Glen Street and West Railroad Lane, and along the west side of USH 8 between West Railroad Lane and the north project limit. The facilities were installed in 2024 and are not shown on the plans. Fiber optic facilities are at a minimum depth of 48".

During construction, Bug Tussel will adjust their handholes to finished ground elevation. Provide advance notice after grading is completed but prior to placement of topsoil, and the site will be available to Bug Tussel to adjust their handholes. Bug Tussel anticipates each handhole adjustment to take 1-3 hours. Bug Tussel's handholes are located at Station 48+00 RT, Station 48+40 LT, Station 49+60 LT, Station 50+10 RT, Station 51+00 LT, Station 54+40 LT, Station 54+60 RT, Station 56+20 LT, Station 62+40 LT, Station 64+40 LT, Station 64+80 RT, Station 67+50 LT, Station 69+50 LT.

#### **Crandon Water and Sewer Utility Department – Sanitary Sewer**

The City of Crandon has sanitary sewer facilities throughout the project limits that will be reconstructed or adjusted by the contractor according to the plans and additional articles in these special provisions.

Perform sanitary sewer utility line openings in accordance with the requirements of Utility Line Opening, bid item SPV.0060.08. No other conflicts are anticipated.

## **Crandon Water and Sewer Utility Department – Water**

The City of Crandon has water facilities throughout the project limits that will be reconstructed or adjusted by the contractor according to the plans and additional articles in these special provisions.

Perform water utility line openings in accordance with the requirements of Utility Line Opening, bid item SPV.0060.08. No other conflicts are anticipated.

## **Frontier Communications of WI, LLC – Communication Line**

Frontier has underground communication facilities throughout the project limits.

During construction, Frontier will move their pedestal at Station 48+97 LT behind the new sidewalk, 48+97 RT to the new terrace, and 50+27 RT behind the new sidewalk. Provide advance notice after curb and gutter and sidewalk have been staked but prior to the curb and gutter and sidewalk being constructed and the site will be available to Frontier to move their pedestals. Frontier anticipates each pedestal move to take 4 hours.

During construction, Frontier will adjust their handholes and pedestals to finished ground elevation. Provide advance notice after grading is completed but prior to placement of topsoil, and the site will be available to Frontier to adjust their handholes and pedestals. Frontier anticipates each handhole and pedestal adjustment to take 1-3 hours. Frontier's handholes are located at Station 57+90 RT, Station 59+20 RT, Station 59+60 RT. Frontier's pedestals are located at Station 48+97 LT, Station 48+97 RT, Station 50+27 RT, Station 61+10 RT, Station 63+05 RT, Station 65+90 RT.

## **Spectrum – Communication Line**

Spectrum has overhead communication facilities on Wisconsin Public Service power poles that will be relocated concurrently with power pole relocations. Spectrum will coordinate with Wisconsin Public Service to relocate their facilities to the new power poles prior to construction. Spectrum plans to begin this work April 1, 2026, and it is anticipated to take 10 working days to complete.

## **Wisconsin Public Service Corporation – Electricity**

Wisconsin Public Service has overhead and underground electric facilities throughout the project limits.

Power poles from Station 46+75 RT to Station 53+75 RT will be relocated to new terrace.

Power pole at Station 66+11 RT will be replaced with a taller pole to allow more working clearance to 25 kV overhead line crossing STH 32. Exercise extreme caution when working under this line. Maintain a minimum of 10' of clearance from this line at all times, per OSHA standards.

This work is anticipated to begin March 16, 2026, and is anticipated to take 50 working days to complete.

## **Wisconsin Public Service Corporation – Gas/Petroleum**

Wisconsin Public Service has underground gas facilities throughout the project limits.

Existing 4" wrapped steel gas main along STH 32 from Station 46+30 to 66+20 will be discontinued.

Existing 2" wrapped steel gas main crossing STH 32 at Station 46+90 and 49+90, existing 2" aldy-A plastic gas main crossing STH 32 at Station 52+55, and existing 6" yellow plastic gas main crossing STH 32 at Station 66+15 will be discontinued.

New 4" PE gas main will be installed along the E Glen St north right of way line. In the northeast quadrant of the STH 32/E Glen St intersection, the new 4" PE gas main will turn and head north, along the STH 32 east right of way line to Station 49+83, where it will turn west and cross STH 32 at a depth of 5' below existing grade where it crosses the proposed storm sewer and head to the STH 32 west right of way line. At the STH 32 west right of way line, the new 4" PE gas main will turn and head north, along the STH 32 west right of way line to Station 66+20 where it will connect to the existing 6" PE gas main in the southwest quadrant of the STH 32/6th St intersection.

New 2" PE gas main will be installed crossing STH 32 at Station 53+10 at a depth of 5' below existing grade where it crosses the proposed storm sewer.

New 6" PE gas main will be installed crossing STH 32 at Station 66+65 at a depth of 5' below existing grade where it crosses the proposed storm sewer.

This work has been completed.

During construction, WPS will support their gas main for the proposed cross culvert at Station 59+50 and storm sewer at Station 66+10. Provide advance notice prior to beginning pipe excavation at these locations.

## **Project 9260-00-81**

All coordination was done under 9260-00-71.

### **7. Work by Others.**

#### **Wisconsin Public Service Corporation – Electricity**

Wisconsin Public Service has street lighting facilities that will be relocated during construction. Provide a 15 calendar day advance notice prior to constructing the curb and gutter and sidewalk, and the site will be available to Wisconsin Public Service to relocate their street lights.

#### **Other Contracts.**

Coordinate detour with project 1600-29-71.

WisDOT contact:

Stacy Hagenbucher,

Email: [Stacy.Hagenbucher@dot.wi.gov](mailto:Stacy.Hagenbucher@dot.wi.gov)

Phone: 715 365-5770

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

The department has assumed coverage under the U.S. Army Corps of Engineers Section 404 Transportation Regional General Permit (TRGP). The department has determined that a pre-construction notification (permit application) to U.S. Army Corps of Engineers and their written verification of TRGP coverage is not necessary for this project.

A copy of the Section 404 Transportation Regional General Permit can be obtained on USACE's website:

<https://www.mvp.usace.army.mil/Portals/57/docs/regulatory/RGP/Transportation.pdf>

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 pre-construction notification (permit application) and written verification from U.S. Army Corps of Engineers under the Section 404 Transportation Regional General permit is required. If written verification under the TRGP is necessary, submit a pre-construction notification to U.S. Army Corps of Engineers and obtain written verification of permit coverage 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 written verification of permit coverage. The contractor must be aware that the U.S. Army Corps of Engineers may not grant the permit 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 3.66 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 Andrew Casper at 715-499-1727. 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 follow 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 invested 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. Erosion Control.**

*Add the following to standard spec 107.20:*

Perform construction operations in a timely and diligent manner, continuing all construction operations methodically from the initial topsoil stripping operation through the subsequent grading and finishing to minimize the period of exposure to erosion.

Replace topsoil on disturbed areas, including spot locations such as cross drains, driveways, guardrail and terminals, and intersections, immediately after grading is completed within those areas. Complete finishing operations, which includes seed, fertilizer, erosion mat, mulch, and any other permanent erosion control measures required, within 7 calendar days after the placement of topsoil.

ncr-107-050 (20141015)

## **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 Safety and Convenience.**

*Replace standard spec 107.8 (4) with the following:*

Notify the following organizations and departments at least 2 business days before road closures, lane closures, or detours are put into effect:

Forest County Sheriff's Department  
City of Crandon Fire Department  
Crandon Area Rescue Squad  
Wisconsin State Patrol  
Forest County Highway Department  
Town of Lincoln  
City of Crandon  
School District of Crandon  
Crandon Post Office

The Forest County Sheriff's Department 911 dispatches all area police, fire and ambulance services, and will relay any notification given by the contractor.

Continuously update Crandon Area Rescue Squad and City of Crandon Fire Department on construction schedule. Weekly schedule shall be communicated two days in advance of week and then intermittent updates as applicable.

ncr-107-005 (20200729)

## **14. Municipality Acceptance of Sanitary Sewer and Water Main Construction.**

Both the department and City of Crandon personnel will inspect the construction of sanitary sewer and water main work under this contract. However, construction staking and acceptance of the sanitary sewer and water main construction will be by the City of Crandon.

## **15. QMP HMA Pavement Nuclear Density.**

### **A Description**

*Replace standard spec 460.3.3.2 (1) and standard spec 460.3.3.2 (4) with the following:*

- (1) This special provision describes density testing of in-place HMA pavement with the use of nuclear density gauges. Conform to standard spec 460 except as modified in this special provision.
- (2) Provide and maintain a quality control program defined as all activities and documentation of the following:

1. Selection of test sites.
2. Testing.
3. Necessary adjustments in the process.
4. Process control inspection.

(3) Chapter 8 of the department's construction and materials manual (CMM) provides additional detailed guidance for QMP work and describes required procedures.

<https://wisconsindot.gov/rdwy/cmm/cm-08-00.pdf>

(4) The department's Materials Reporting System (MRS) software allows contractors to submit data to the department electronically, estimate pay adjustments, and print selected reports. Qualified personnel may obtain MRS software from the department's web site at:

<http://www.atwoodsystems.com/>

## **B Materials**

### **B.1 Personnel**

(1) Nuclear gauge owners and personnel using nuclear gauges shall comply with WisDOT requirements according to 460.3.3 and CMM 815.

### **B.2 Testing**

(1) Conform to WTM T355 and CMM 815 for density testing and gauge monitoring methods. Conform to CMM 815.10.4 for test duration and gauge placement.

### **B.3 Equipment**

#### **B.3.1 General**

(1) Furnish nuclear gauges according to CMM 815.2.

(2) Furnish nuclear gauges from the department's approved product list at

<https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrces/tools/appr-prod/default.aspx>

#### **B.3.2 Comparison of Nuclear Gauges**

##### **B.3.2.1 Comparison of QC and QV Nuclear Gauges**

(1) Compare QC and QV nuclear gauges according to WTM T355.

##### **B.3.2.2 Reference Site Monitoring**

(1) Conduct reference site monitoring for both QC and QV gauges according to WTM T355.

## **B.4 Quality Control Testing and Documentation**

### **B.4.1 Lot and Sublot Requirements**

#### **B.4.1.1 Mainline Traffic Lanes, Shoulders, and Appurtenances**

(1) Divide the pavement into lots and sublots for nuclear density testing according to CMM 815.10.2.

(2) Determine required number of tests according to CMM 815.10.2.1.

(3) Determine random testing locations according to CMM 815.10.3.

#### **B.4.1.2 Side Roads, Crossovers, Turn Lanes, Ramps, and Roundabouts**

(1) Divide the pavement into lots and sublots for nuclear density testing according to CMM 815.10.2.

(2) Determine required number of tests according to CMM 815.10.2.2.

(3) Determine random testing locations according to CMM 815.10.3.

### **B.4.2 Pavement Density Determination**

#### **B.4.2.1 Mainline Traffic Lanes and Appurtenances**

(1) Calculate the average subplot densities using the individual test results in each subplot.

(2) If all subplot averages are no more than one percent below the target density, calculate the daily lot density by averaging the results of each random QC test taken on that day's material.

(3) If any subplot average is more than one percent below the target density, do not include the individual test results from that subplot when computing the lot average density and remove that subplot's tonnage from the daily quantity for incentive. The tonnage from any such subplot is subject to disincentive pay as specified in standard spec 460.5.2.2.

#### **B.4.2.2 Mainline Shoulders**

##### **B.4.2.2.1 Width Greater Than 5 Feet**

(1) Determine the pavement density as specified in B.4.2.1.

##### **B.4.2.2.2 Width of 5 Feet or Less**

(1) If all subplot test results are no more than 3.0 percent below the minimum target density, calculate the daily lot density by averaging all individual test results for the day.

(2) If a subplot test result is more than 3.0 percent below the target density, the engineer may require the unacceptable material to be removed and replaced with acceptable material or allow the nonconforming material to remain in place with a 50 percent pay reduction. Determine the limits of the unacceptable material according to B.4.3.

#### **B.4.2.3 Side Roads, Crossovers, Turn Lanes, Ramps, and Roundabouts**

(1) Determine the pavement density as specified in B.4.2.1.

#### **B.4.2.4 Documentation**

(1) Document QC density test data as specified in CMM 815. Provide the engineer with the data for each lot within 24 hours of completing the QC testing for the lot.

#### **B.4.3 Corrective Action**

(1) Notify the engineer immediately when an individual test is more than 3.0 percent below the specified minimum in standard spec 460.3.3.1. Investigate and determine the cause of the unacceptable test result.

(2) The engineer may require unacceptable material specified in B.4.3(1) to be removed and replaced with acceptable material or allow the nonconforming material to remain in place with a 50 percent pay reduction. Determine limits of the unacceptable area by measuring density of the layer at 50-foot increments both ahead and behind the point of unacceptable density and at the same offset as the original test site. Continue testing at 50-foot increments until a point of acceptable density is found as specified in standard spec 460.5.2.2(1). Removal and replacement of material may be required if extended testing is in a previously accepted subplot. Testing in a previously accepted subplot will not be used to recalculate a new lot density.

(3) Compute unacceptable pavement area using the product of the longitudinal limits of the unacceptable density and the full subplot width within the traffic lanes or shoulders.

(4) Retesting and acceptance of replaced pavement will be as specified in standard spec 105.3.

(5) Tests indicating density more than 3.0 percent below the specified minimum, and further tests taken to determine the limits of unacceptable area, are excluded from the computations of the subplot and lot densities.

(6) If two consecutive subplot averages within the same paving pass and same target density are more than one percent below the specified target density, notify the engineer and take necessary corrective action. Document the locations of such sublots and the corrective action that was taken.

### **B.5 Department Testing**

#### **B.5.1 Verification Testing**

(1) The department will have a HTCP certified technician, or ACT working under a certified technician, perform verification testing. The department will test randomly at locations independent of the contractor's QC work. The department will perform verification testing at a minimum frequency of 10 percent of the sublots and a minimum of one subplot per mix design. The sublots selected will be within the active work zone. The contractor will supply the necessary traffic control for the department's testing activities.

(2) The QV tester will test each selected subplot using the same testing requirements and frequencies as the QC tester.

(3) If the verification subplot average is not more than one percent below the specified minimum target density, use the QC tests for acceptance.

- (4) If the verification subplot average is more than one percent below the specified target density, compare the QC and QV subplot averages. If the QV subplot average is within 1.0 lb/ft<sup>3</sup> of the QC subplot average, use the QC tests for acceptance.
- (5) If the first QV/QC subplot average comparison shows a difference of more than 1.0 lb/ft<sup>3</sup> each tester will perform an additional set of tests within that subplot. Combine the additional tests with the original set of tests to compute a new subplot average for each tester. If the new QV and QC subplot averages compare to within 1.0 lb/ft<sup>3</sup>, use the original QC tests for acceptance.
- (6) If the QV and QC subplot averages differ by more than 1.0 lb/ft<sup>3</sup> after a second set of tests, resolve the difference with dispute resolution specified in B.6. The engineer will notify the contractor immediately when density deficiencies or testing precision exceeding the allowable differences are observed.

### **B.5.2 Independent Assurance Testing**

- (1) Independent assurance is unbiased testing the department performs to evaluate the department's verification and the contractor's QC sampling and testing including personnel qualifications, procedures, and equipment. The department will perform the independent assurance review according to the department's independent assurance program.

### **B.6 Dispute Resolution**

- (1) The testers may perform investigation in the work zone by analyzing the testing, calculation, and documentation procedures. The testers may perform gauge comparison according to B.3.2.1.
- (2) The testers may use comparison monitoring according to B.3.2.2 to determine if one of the gauges is out of tolerance. If a gauge is found to be out of tolerance with its reference value, remove the gauge from the project and use the other gauge's test results for acceptance.
- (3) If the testing discrepancy cannot be identified, the contractor may elect to accept the QV subplot density test results or retesting of the subplot in dispute within 48 hours of paving. Traffic control costs will be split between the department and the contractor.
- (4) If investigation finds that both gauges are in error, the contractor and engineer will reach a decision on resolution through mutual agreement.

### **B.7 Acceptance**

- (1) The department will not accept QMP HMA Pavement Nuclear Density if a non-compared gauge is used for contractor QC tests.

### **C (Vacant)**

### **D (Vacant)**

### **E Payment**

#### **E.1 QMP Testing**

- (1) Costs for all sampling, testing, and documentation required under this special provision are incidental to the work. If the contractor fails to perform the work required under this special provision, the department may reduce the contractor's pay. The department will administer pay reduction under the Non-performance of QMP administrative item.

#### **E.2 Disincentive for HMA Pavement Density**

- (1) The department will administer density disincentives as specified in standard spec 460.5.2.2.

#### **E.3 Incentive for HMA Pavement Density**

- (1) The department will administer density incentives as specified in standard spec 460.5.2.3.

stp-460-020 (20230629)

## **16. Pipe Culverts.**

*Replace standard spec 520.3.3(5) with the following:*

Provide joint ties at all joints of circular or horizontal elliptical concrete culvert pipes and concrete cattle pass installations, including endwalls. Ties are not required between culverts and concrete masonry endwalls unless shown on plan.

## 17. **Storm Sewer.**

*Replace standard spec 608.3.3(5) with the following:*

Provide joint ties at all joints on concrete storm sewer system infall and outfall pipes, including endwalls. Ties are not required on installations with concrete masonry endwalls unless the plans show otherwise.

ncr-520-005b (20180319)

## 18. **Pipe Grates 18-Inch, Item 611.9850.S.01; Pipe Grates 24-Inch, Item 611.9850.S.02; Pipe Grates 36-Inch, Item 611.9850.S.03.**

### **A Description**

This special provision describes providing pipe grates for pipe apron endwalls as detailed in the plans.

### **B Materials**

Furnish steel conforming to the requirements of standard spec 506.2.2.1. Furnish steel pipe conforming to the requirements of standard spec 506.2.3.6.

Furnish pipe grates galvanized according to ASTM A123.

Furnish angles and brackets galvanized according to ASTM A123.

Furnish required hardware galvanized according to ASTM A153.

### **C Construction**

Repair pipes, rods, angles and brackets on which the galvanized coating has been damaged according to the requirements of AASHTO M36.

### **D Measurement**

The department will measure Pipe Grates in units of work, where one unit is one grate, 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
611.9850.S.01	Pipe Grates 18-Inch	EACH
611.9850.S.02	Pipe Grates 24-Inch	EACH
611.9850.S.03	Pipe Grates 36-Inch	EACH

Payment is full compensation for furnishing and installing all materials; and for drilling and connecting grates to apron endwalls.

stp-611-010 (20230113)

## 19. **Traffic Control.**

*Add the following to standard spec 643.3.1:*

Promptly replace all state-owned signs that are removed by the contractor due to interference with construction operations. At no time may stop signs be removed or moved without flag persons present.

ncr-643-005 (20190703)

## 20. **Temporary Audible Message Devices, Item 644.1900.S.**

### **A Description**

This special provision describes providing, maintaining, and removing temporary audible message devices. These devices are used on temporary pedestrian facilities to guide individuals with sight disabilities.

**B Materials**

Furnish temporary audible message devices from the approved products lists.

**C Construction**

Provide and maintain temporary audible message device. Maintain and repair devices within two hours of being notified by the project engineer of an issue.

Contractors record messages as approved by the engineer.

Mount temporary audible message devices on drums, temporary sign supports, or other locations approved by the engineer. Locate motion detection areas that will be effective in activating the device to operate properly. Avoid locating motion detection areas that will cause activation by trees, traffic, or other known regular activity.

Move and adjust devices after disruptions by the work or the public.

Maintain devices in a working condition and replace batteries as needed. Replace any devices that are not working properly within 2 hours of being notified of an issue.

Use tamper-proof hardware for mounting.

**D Measurement**

The department will measure temporary audible message devices by the day, 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
644.1900.S	Temporary Audible Message Device	DAY

Payment is full compensation for providing, maintaining, and removing temporary audible message device.

The department will not pay for devices that are inoperable.

stp-644-190 (20250108)

**21. Engineered Soil, Item SPV.0035.01.****A Description**

This special provision describes furnishing and installing Engineered Soil as detailed in the plans.

**B Materials**

Engineered Soil mix is to be 80% sand, 20% compost.

Furnish sand conforming to the requirements of standard spec 501.2.7.2.

Furnish compost conforming to the requirements of Wisconsin DNR Specification S100.

**C Construction**

Construction is to conform to the requirements of standard spec 625.3

**D Measurement**

The department will measure Engineered Soil, by the cubic yard 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.0035.01	Engineered Soil	CY

Payment is full compensation for furnishing and installing all materials.

## 22. Sanitary Sewer Connection to Existing Sanitary Sewer Pipe, Item SPV.0060.01.

### A Description

This special provision describes sanitary sewer pipe connections to existing sanitary sewer pipe.

### B Materials

Sanitary sewer couplings consist of a 1-piece eccentric EPDM rubber sleeve, stainless steel shear ring, and stainless-steel bands. Couplings are to be manufactured by Fernco, Inc., Mission, or equal.

### C Construction

Sanitary sewer connections are to be made using a sanitary sewer coupling. Sanitary sewer coupling installation is to conform to the manufacturer's written instructions and the detail shown on the plans.

### D Measurement

The department will measure Sanitary Sewer Connection to Existing Sanitary Sewer Pipe as each individual sanitary sewer pipe connection to existing sanitary sewer pipe, 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.0060.01	Sanitary Sewer Connection to Existing Sanitary Sewer Pipe	EACH

Payment is full compensation for all labor, material, and equipment to complete as per plans and specifications.

## 23. Sanitary Sewer Connection to Existing Sanitary Sewer Manhole, Item SPV.0060.02.

### A Description

This special provision describes sanitary sewer pipe connections to existing manholes.

### B Materials

Rubber pipe boots are to consist of a 1-piece EDPM rubber boot with stainless steel bands. Boots are to be manufactured by Kor-n-Seal, Press-Seal, or equal.

### C Construction

Sanitary sewer connections are to be made using a rubber boot. Core drill a hole for the rubber boot in the existing manhole. Install a pipe boot in the existing manhole making a water-tight connection. Rubber boot installation is to conform to the manufacturer's written instructions.

### D Measurement

The department will measure Sanitary Sewer Connection to Existing Sanitary Sewer Manhole as each individual sanitary sewer pipe connection to existing manhole, 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.0060.02	Sanitary Sewer Connection to Existing Sanitary Sewer Manhole	EACH

Payment is full compensation for all labor, material, and equipment to complete as per plans and specifications.

## 24. Utility Line Opening (ULO), Item SPV.0060.03.

### A Description

This special provision describes excavating to uncover utilities for the purpose of determining elevation and potential conflicts with proposed work, as shown on the plans or as directed by the engineer.

### B (Vacant)

## **C Construction**

Perform the excavation according to Wisconsin State Statute 182.0175.

Perform the utility line openings as soon as possible, before ordering precast structures, and at least 10 days in advance of proposed utility construction to allow any conflicts to be resolved with minimal disruption. Allow the engineer a minimum of three working days once utility line opening information is received to review all relevant design information.

Coordinate and approve all utility line openings with the engineer. Notify the utilities a minimum of 3 days before the work starts so they may be present.

Backfill the excavation with suitable backfill material, and thoroughly compact.

## **D Measurement**

The department will measure Utility Line Opening (ULO) as each individual utility line opening (ULO) acceptably completed. Utility line openings include a trench up to 10-feet long as measured at the trench bottom, and of any width and depth required to locate the intended utility. Where utilities are within 6 feet of each other at a potential conflict location, only one utility line opening will be measured.

## **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.03	Utility Line Opening (ULO)	EACH

Payment is full compensation for performing the excavation required to expose the utility line, backfilling, and for restoring and cleaning up the site.

## **25. Sanitary Sewer Manhole Casting Elevation Adjustment, Item SPV.0060.04.**

### **A Description**

This special provision describes sanitary sewer manhole casting elevation adjustments.

### **B Materials**

Castings: Reuse existing castings, unless otherwise noted on the drawings.

Adjustment Rings: Rubber composite rings. Outside diameter is to match outside diameter of top of cone. Inside diameter is to match inside diameter of top of cone. Each ring is to be minimum of 2-inch high.

Chimney Seal: Internal/External manufactured by Adaptor, Inc. or External Chimney Seal by Cretex, Inc.

Temporary Cover Plate: 1/4 inch thick steel plate that extends to the outside edge of the existing concrete.

### **C Construction**

Adjust manhole castings located in pavement areas in two separate phases. Phase one consists of removing designated manhole castings and adjustment rings along with sufficient base course and pavement to allow for installation of temporary cover plate over the manhole opening. Fill the excavated area with base course and/or asphaltic pavement mixture that is to remain in place until contract paving operations permit setting the manhole castings to grade. During the second phase, remove the base course and/or asphaltic pavement mixture over the temporary cover plate, and set the manhole casting to final grade.

Contact the City three business days prior to the removal or the setting of the manhole to final grade.

Crandon Water & Sewer Utility Contact:

Ross Crum, Water/Sewer Superintendent

(715) 902-0598

Manhole adjustment ring installation is to conform to the manufacturer's written instructions. Construction adhesives are to be placed between the adjustment rings. Set manhole castings 1/4 inch lower than final pavement grade. Set the manhole castings so that they comply with the surface requirements of standard spec 450.3.2.9. At the completion of the paving, the contractor is to place a 6-foot straightedge

over the center line of each manhole casting parallel to the direction of traffic. Measure the vertical distance from the straightedge to each side of the manhole frame. Average the two measurements. If this average is greater than 5/8 inches, reset the manhole frame to the correct plane and elevation. If this average is 5/8 inches or less but greater than 3/8 inches, the manhole casting will be allowed to remain in place but will only be paid at 50 percent of the contract unit price.

If the manhole frame is higher than the adjacent pavement, measure the vertical distance at each end of the straightedge. Average the two measurements. If this average is greater than 1/4 inch, reset the manhole frame to the correct plane and elevation. If this average is 1/4 inch or less but greater than 0 inch, the manhole frame will be allowed to remain in place but will only be paid at 50 percent of the contract unit price.

#### **D Measurement**

The department will measure Sanitary Sewer Manhole Casting Elevation Adjustment as each individual manhole adjusted to final grade, acceptably completed. The department will measure and pay for the items of base and asphaltic pavement mixture separately.

#### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.04	Sanitary Sewer Manhole Casting Elevation Adjustment	EACH

Payment is full compensation for all labor, material, and equipment, to complete as per plans and specifications.

### **26. Water Main Connection to Existing Water Main 8-inch, Item SPV.0060.05.**

#### **A Description**

This special provision describes water main connections to existing water main pipe.

#### **B Materials**

Ductile iron solid sleeve is to consist of mechanical joints with stainless steel bolts.

#### **C Construction**

Water main connections are to be made using a solid sleeve. Solid sleeve installation is to conform to the manufacturer's written instructions.

#### **D Measurement**

The department will measure Water Main Connect to Existing Water Main 8-Inch as each individual water main pipe connection to existing water main, 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	Water Main Connection to Existing Water Main 8-inch	EACH

Payment is full compensation for all labor, material, and equipment to complete as per plans and specifications.

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### **27. Water Service Connection to Existing Water Main 1-inch, Item SPV.0060.06.**

#### **A Description**

This special provision describes water service connections to the water main.

#### **B Materials**

Corporation stops are to be ball style with AWWA taper inlet threads by compression outlet connection. Corporation stops are to be A.Y. McDonald 747014BQ, Ford FB1000-4-Q-NL, Mueller B-25008, or equal.

### **C Construction**

Install the corporation stops with an approved tapping machine. Install corporation stop under water main system pressure. Place a double wrap of Teflon tape around the threads prior to installation.

### **D Measurement**

The department will measure Water Service Connection to Existing Water Main as each individual tap and corporation stop, 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.0060.06	Water Service Connection to Existing Water Main 1-inch	EACH

Payment is full compensation for all labor, material, and equipment to complete the work.

## **28. Water Valve Box Adjustment, Item SPV.0060.07.**

### **A Description**

This special provision describes water valve box adjustment to match final grade.

### **B Materials**

Valve Boxes are to be an adjustable cast iron valve box with removable cover, screw-type 5 1/4 inch shaft, three pieces consisting of a top section, a bottom section, and a base. Valve boxes are to be Tyler Union 6860, East Jordan 8560, or equal.

### **C Construction**

Adjust Water Valve Boxes so top of box is flush with final grade. Final grade may be higher or lower than existing grade. Existing valve boxes may just be able to be adjusted using existing boxes. Some valve boxes may need to have another section of box installed to reach final grade. There is to be not less than 6" overlap remaining between the top section and bottom section or an extension section is to be provided. Valve boxes are to be installed plumb. A water valve wrench is to be able to operate the valve after paving is completed to be considered acceptable.

If existing valve boxes are broken during the adjustment process, a new valve box section is to be provided.

### **D Measurement**

The department will measure Water Valve Box Adjustment as each individual valve acceptably completed and will be measured for payment only once no matter how many adjustments have occurred on an individual valve.

### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.07	Water Valve Box Adjustment	EACH

Payment is full compensation for all labor, material, and equipment to complete the work

## **29. Temporary Water Service, Item SPV.0060.08.**

### **A Description**

This special provision describes temporary water service to buildings when the existing water service is out of service.

### **B Materials**

All pipe, hose, valves, and fittings are to be NSF 61 approved. Flexible rubber hoses are not to be used for temporary water service unless the flexible rubber hoses are NSF 61 approved. Temporary water service pipe is to meet the requirements of AWWA C901, Class 160, SDR 11, HDPE pressure pipe.

Temporary water service pipeline fittings are to be brass or HDPE molded fittings with a pressure rating equal to or greater than the pipe. Fittings are to have compression joints or heat fusion joints. Isolating valves are to be line size ball valves. Check valves are to be line size ball checks.

### **C Construction**

The contractor is to discuss with the engineer and the City of Crandon which buildings will require a temporary water service prior to beginning utility work. The contractor is to submit a written plan to the engineer that shows the temporary water service connection points, size of the header pipes, water service size, and which buildings will be provided with a temporary water service.

The Contractor is to notify property owners, the engineer, and the City of Crandon Utility at least 72 hours before installing and connecting a temporary water service.

Water service is to be provided to non-residential water customers at all times during normal business hours. Water service to non-residential water customers may be interrupted for up to four hours during non-business hours.

Residential water customers may be without water service for up to four hours. Water service to residential customers are to only be interrupted on a weekday between 8:00 a.m. and 5:00 p.m. Water service to residential customers are to not be interrupted more than once in the same week. A temporary water service is to be provided to each residential water customer when a water service is anticipated to be interrupted for more than four hours.

A building is not to be without water service for more than 30 minutes when installing or removing a temporary water service. Temporary water services are to be removed on the same day the permanent water service is placed in service.

A  $\frac{3}{4}$  inch diameter or larger water service pipeline is to be provided to a residential water customer. A 1 inch diameter or larger water service pipeline is to be provided to a non-residential water customer. Each water service pipeline is to have an isolating valve and a check valve. The maximum number of homes that are to be served from a temporary water service pipeline header are to be as indicated in the following table:

Minimum Size Water Service Pipeline Headers

Pipeline Size, inches	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3
Maximum No. of Homes	1	2	3	5	10	15	25

Temporary water service pipeline headers are to have a line size valve at the end of the header that will allow the entire pipeline to be flushed.

Water service connection points are to be determined by the Crandon Utility. Fire hydrants may be used for water service connection points. The contractor is to provide all necessary fittings to make the connections. An isolating valve and RPZ backflow prevention device are to be provided at each connection point. The contractor is to install a Crandon Utility furnished meter at each connection point.

The contractor is to flush the temporary water service pipeline and obtain a safe bacteriological sample before connecting the temporary water service to the building.

### **D Measurement**

The department will measure Temporary Water Service as a unit for each individual temporary water service, acceptably completed.

### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.08	Temporary Water Service	EACH

Payment is full compensation for all labor, material, and equipment for preparing a temporary water service plan; for furnishing and installing all materials; coordination; testing and maintenance; and for removing temporary water service when no longer needed. Only one temporary water service will be paid per building even if it is required again during the project.

## 30. Inlet Covers Type H-D, Item SPV.0060.09.

### A Description

This special provision describes furnishing and installing inlet covers according to the plan details, the pertinent requirements of standard spec 611 and as provided in this special provision.

### B Materials

Provide an Inlet Cover Type H frame and grate with the curb box removed and replaced with a solid flat curb plate designed for heavy traffic loading as shown in the plan details.

### C Construction

Construct according to standard spec 611.3.

### D Measurement

The department will measure Inlet Covers Type H-D 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
SPV.0060.09	Inlet Covers Type H-D	Each

Payment is full compensation for providing covers, including frames, grates, curb plates, and all other required materials and for installing and adjusting each cover.

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## 31. Concrete Collars for Manholes, Item SPV.0060.10.

### A Description

This special provision describes constructing Concrete Collars for Manholes as shown on the plans or as the engineer directs.

### B Materials

Furnish materials conforming to standard spec 602.2.

### C Construction

Construction is to conform to standard spec 602.3 and the detail shown in the plans.

### D Measurement

The department will measure Concrete Collars for Manholes as each individual unit, 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.0060.10	Concrete Collars for Manholes	EACH

Payment is full compensation for providing, placing, finishing and curing concrete; for steel reinforcement; and for backfilling.

## 32. Observation Well, Item SPV.0060.11.

### A Description

This special provision describes constructing Observation Well as shown on the plans or as the engineer directs.

## **B Materials**

Furnish materials conforming to the requirements of standard spec 612.2.6, with required fittings. Cap is to be a grated cover. The well screen is to be cemented to a 6-inch inside diameter coupling and the coupling is to be cemented to a 12-inch by 12-inch  $\frac{1}{4}$ -inch thick PVC sheet.

## **C Construction**

Place Observation Well at location identified in the plans.

## **D Measurement**

The department will measure Observation Well as each individual unit 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.0060.11	Observation Well	EACH

Payment is full compensation for furnishing all material and installing the well; and for excavating and backfilling.

## **33. Temporary Trail Shift for Storm Sewer Work, Item SPV.0060.12.**

### **A Description**

This special provision describes the construction of a temporary trail shift to maintain trail traffic around storm sewer work, as shown on the plans or as directed by the engineer.

### **B Materials**

Furnish materials and construct conforming to the following standard specs:

Common excavation, material removal, and disposal.....	205
Borrow.....	208
Base Aggregate Dense.....	305
Traffic Control.....	643

### **C Construction**

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

Perform 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.

Salvage existing ballast stone from trail. Restore permanent trail surface with salvaged ballast stone. Match existing trail thickness and width. Construction of permanent trail surface is to conform to standard spec 305.3 and the detail shown in the plans.

### **D Measurement**

The department will measure Temporary Trail Shift for Storm Sewer Work as a single unit for each temporary trail shift, 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.0060.12	Temporary Trail Shift for Storm Sewer Work	EACH

Payment is full compensation for placing, removing and disposal of fill material, including any base aggregate dense used for the driving surface; for associated trail traffic control and construction staking; for salvaging existing ballast stone; and for restoring permanent trail surface with salvaged ballast stone.

The department will pay separately for erosion control items.

## **34. Sanitary Sewer 8-inch PVC, Item SPV.0090.01.**

### **A Description**

This special provision describes sanitary sewer pipe.

### **B Materials**

All sanitary sewer main work and materials are to conform to the ASTM Specifications latest designation specifications. PVC pipe and fittings furnished under the classification are to meet the requirements for SDR 35 Polyvinyl Chloride Sewer Pipe and Fittings as set forth in ASTM Designation D-3034.

### **C Construction**

The contractor is to utilize trench boxes, temporary shoring, and other means as necessary to provide a safe working environment. Open ends of pipe are to be sealed during non-working periods by a watertight plug or other means approved by the engineer. If water is in the trench, the seal is to remain in place until the trench is pumped completely dry.

Cutting pipe is to be done in a neat and workmanlike manner without causing damage to the pipe. The cut edges are to be beveled so as not to cause damage to the gasket when inserted into a fitting.

The flow of sewage is to be either pumped around the new pipe, or the flow blocked to allow the sewer main to be installed under dry conditions. The flow is to only be blocked if approved by the City prior to construction. The possibility of back-up is to be considered when blocking the flow of sewage. Damages from back-ups caused by the contractor are the responsibility of the contractor.

Give notice to the engineer and City of Crandon Utility a minimum of three days in advance of the time the contractor expects to begin work, of the time that will be required to complete work, and of the place where he expects to do said work.

### **D Measurement**

The department will measure Sanitary Sewer (size) PVC by the linear foot, acceptably completed, measured along the centerline of the pipe, through manholes, junctions, and fittings.

### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.01	Sanitary Sewer 8-Inch PVC	LF

Payment is full compensation for all labor, material, and equipment to complete the work.

## **35. Water Main 8-Inch Ductile Iron, Item SPV.0090.02.**

### **A Description**

This special provision describes water main pipe.

### **B Materials**

Water main pipe, gaskets and fittings are to conform to the AWWA Specifications latest edition. Ductile iron pipe is to conform with AWWA C-151 or ANSI A21.51, Class 52. All pipe is to be new and unused material.

### **C Construction**

The contractor is to utilize trench boxes, temporary shoring, and other means as necessary to provide a safe working environment. Open ends of pipe is to be sealed during non-working periods by a watertight plug or other means approved by the engineer. If water is in the trench, the seal is to remain in place until the trench is pumped completely dry. Cutting pipe is to be done in a neat and workmanlike manner without causing damage to the pipe. The cut edges are to be beveled so as not to cause damage to the gasket when inserted into a fitting.

Give notice to the engineer and City of Crandon Utility a minimum of three days in advance of the time the contractor expects to begin work, of the time that will be required to complete work, and of the place where he expects to do said work.

**D Measurement**

The department will measure the Water Main 8-inch Ductile Iron bid item by the linear foot, acceptably completed, measured along the top of pipe.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.02	Water Main 8-Inch Ductile Iron	LF

Payment is full compensation for all labor, material, and equipment to complete the work.

**36. Water Service 1-inch Copper, Item SPV.0090.03.****A Description**

This special provision describes water service pipe

**B Materials**

Copper Pipe is to meet the requirements of ASTM B88, Type K, soft copper.

**C Construction**

Install water service pipe between corporation stop and curb stop with no joints or unions. Water service pipe is to have a minimum bury depth of 8.0 feet. Provide minimum 1-foot of slack in the pipe to allow for settlement and movement.

**D Measurement**

The department will measure the Water Service per lineal foot of the diameter of service pipe installed acceptably completed, measured along the water service pipe from corporation stop to the connection to the existing water service.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.03	Water Service 1-inch Copper	LF

Payment is full compensation for all labor, material, and equipment to complete the work.

**37. Sanitary Sewer Lateral 6-Inch PVC, Item SPV.0090.04.****A Description**

This special provision describes sanitary sewer lateral pipe.

**B Materials**

All sanitary sewer lateral work and materials are to conform to the ASTM Specifications latest designation specifications. PVC pipe and fittings furnished under the classification are to meet the requirements for Schedule 40 Polyvinyl Chloride Pipe and Fittings as set forth in ASTM Designation D-1785 and D-2665. The pipe and fittings are to have solvent weld joints.

Sanitary sewer lateral pipe couplings are to be 1-piece eccentric EDPM rubber with a stainless steel shear ring, and stainless steel bands as manufactured by Fernco, Inc. or approved equal.

**C Construction**

The contractor is to utilize trench boxes, temporary shoring, and other means as necessary to provide a safe working environment. Cutting pipe is to be done in a neat and workmanlike manner without causing damage to the pipe. The cut edges are to be beveled so as not to cause damage to the gasket when inserted into a fitting.

Give notice to the engineer and City of Crandon Utility a minimum of three days in advance of the time the contractor expects to begin work, of the time that will be required to complete work, and of the place where he expects to do said work.

**D Measurement**

The department will measure Sanitary Sewer Lateral 6-Inch PVC by the linear foot, acceptably completed, measured along the center line of the pipe from the coupling to coupling.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.04	Sanitary Sewer Lateral 6-Inch PVC	LF

Payment is full compensation all labor, material, and equipment to complete the work.

**23. Rigid Insulation Board 4-inch Thick, Item SPV.0165.01.**

**A Description**

This special provision describes rigid insulation for water or sewer pipe

**B Materials**

Rigid insulation board is to be rigid, extruded polystyrene board insulation suitable for underground installation. Insulation is to have a compressive strength of at least 25 PSI, minimum R-value of 5 per inch, and maximum water absorption of 0.17% by volume.

**C Construction**

Where required, pipes are to be insulated in accordance with the details on the plans. When placing two layers of insulation, the joints in the insulation are to be staggered from the layer below.

**D Measurement**

The department will measure the Rigid Insulation Board per square foot as shown on the bid form. The unit of measurement is to be by the square foot of 4-Inch-thick insulation.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.01	Rigid Insulation Board 4-inch Thick	SF

Payment is full compensation for all labor, material, and equipment to complete the work.

## **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**

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## Additional Special Provision 6 (ASP-6)

### Modifications to the standard specifications

*Make the following revisions to the standard specifications.*

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#### **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.

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## **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.

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**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.

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**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.

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## 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.

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## 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.

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## 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.

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## 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.

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### 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.

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### 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.

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**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.

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**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.

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## 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.

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

611.0613	Inlet Covers Type DW	EACH
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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

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**Proposal ID:** 20260310031    **Project(s):** 9260-00-71, 9260-00-81**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	15.000 STA	_____ : _____	_____ : _____
0004	203.0100 Removing Small Pipe Culverts	7.000 EACH	_____ : _____	_____ : _____
0006	204.0150 Removing Curb & Gutter	1,829.000 LF	_____ : _____	_____ : _____
0008	204.0155 Removing Concrete Sidewalk	782.000 SY	_____ : _____	_____ : _____
0010	204.0165 Removing Guardrail	1,120.000 LF	_____ : _____	_____ : _____
0012	204.0215 Removing Catch Basins	1.000 EACH	_____ : _____	_____ : _____
0014	204.0220 Removing Inlets	2.000 EACH	_____ : _____	_____ : _____
0016	204.0245 Removing Storm Sewer (size) 01. 12-Inch	76.000 LF	_____ : _____	_____ : _____
0018	204.0245 Removing Storm Sewer (size) 02. 24-Inch	128.000 LF	_____ : _____	_____ : _____
0020	205.0100 Excavation Common	14,227.000 CY	_____ : _____	_____ : _____
0022	213.0100 Finishing Roadway (project) 01. 9260-00-71	1.000 EACH	_____ : _____	_____ : _____
0024	305.0110 Base Aggregate Dense 3/4-Inch	543.000 TON	_____ : _____	_____ : _____
0026	305.0120 Base Aggregate Dense 1 1/4-Inch	12,836.000 TON	_____ : _____	_____ : _____
0028	450.4000 HMA Cold Weather Paving	500.000 TON	_____ : _____	_____ : _____
0030	455.0605 Tack Coat	1,475.000 GAL	_____ : _____	_____ : _____



## Proposal Schedule of Items

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**Proposal ID:** 20260310031    **Project(s):** 9260-00-71, 9260-00-81**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	460.2000 Incentive Density HMA Pavement	2,650.000 DOL	1.00000	2,650.00
0034	460.6223 HMA Pavement 3 MT 58-28 S	2,999.000 TON	_____.	_____.
0036	460.6444 HMA Pavement 4 MT 58-34 H	1,243.000 TON	_____.	_____.
0038	465.0120 Asphaltic Surface Driveways and Field Entrances	75.000 TON	_____.	_____.
0040	520.1012 Apron Endwalls for Culvert Pipe 12-Inch	2.000 EACH	_____.	_____.
0042	520.3412 Culvert Pipe Class III-A Non-metal 12-Inch	26.000 LF	_____.	_____.
0044	520.8000 Concrete Collars for Pipe	4.000 EACH	_____.	_____.
0046	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	1.000 EACH	_____.	_____.
0048	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	1.000 EACH	_____.	_____.
0050	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	1.000 EACH	_____.	_____.
0052	522.2419 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	166.000 LF	_____.	_____.
0054	522.2619 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	2.000 EACH	_____.	_____.
0056	601.0411 Concrete Curb & Gutter 30-Inch Type D	3,058.000 LF	_____.	_____.
0058	601.0600 Concrete Curb Pedestrian	79.000 LF	_____.	_____.



## Proposal Schedule of Items

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**Proposal ID:** 20260310031    **Project(s):** 9260-00-71, 9260-00-81**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
0060	602.0405 Concrete Sidewalk 4-Inch	6,688.000 SF	_____	_____
0062	602.0505 Curb Ramp Detectable Warning Field Yellow	70.000 SF	_____	_____
0064	602.0810 Concrete Driveway 6-Inch	341.000 SY	_____	_____
0066	602.3010 Concrete Surface Drains	1.800 CY	_____	_____
0068	606.0300 Riprap Heavy	67.000 CY	_____	_____
0070	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	505.000 LF	_____	_____
0072	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	10.000 LF	_____	_____
0074	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	74.000 LF	_____	_____
0076	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	649.000 LF	_____	_____
0078	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	82.000 LF	_____	_____
0080	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	111.000 LF	_____	_____
0082	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	467.000 LF	_____	_____
0084	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	227.000 LF	_____	_____



## Proposal Schedule of Items

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**Proposal ID:** 20260310031    **Project(s):** 9260-00-71, 9260-00-81**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
0086	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	1,014.000 LF	_____ : _____	_____ : _____
0088	608.0524 Storm Sewer Pipe Reinforced Concrete Class V 24-Inch	140.000 LF	_____ : _____	_____ : _____
0090	608.2329 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch	177.000 LF	_____ : _____	_____ : _____
0092	608.2424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	88.000 LF	_____ : _____	_____ : _____
0094	608.3012 Storm Sewer Pipe Class III-A 12-Inch	13.000 LF	_____ : _____	_____ : _____
0096	611.0530 Manhole Covers Type J	16.000 EACH	_____ : _____	_____ : _____
0098	611.0612 Inlet Covers Type C	3.000 EACH	_____ : _____	_____ : _____
0100	611.0624 Inlet Covers Type H	8.000 EACH	_____ : _____	_____ : _____
0102	611.0639 Inlet Covers Type H-S	7.000 EACH	_____ : _____	_____ : _____
0104	611.0645 Inlet Covers Type MS-A	3.000 EACH	_____ : _____	_____ : _____
0106	611.1005 Catch Basins 5-FT Diameter	3.000 EACH	_____ : _____	_____ : _____
0108	611.2004 Manholes 4-FT Diameter	4.000 EACH	_____ : _____	_____ : _____
0110	611.2005 Manholes 5-FT Diameter	11.000 EACH	_____ : _____	_____ : _____
0112	611.2006 Manholes 6-FT Diameter	1.000 EACH	_____ : _____	_____ : _____



## Proposal Schedule of Items

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**Proposal ID:** 20260310031    **Project(s):** 9260-00-71, 9260-00-81**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
0114	611.3003 Inlets 3-FT Diameter	3.000 EACH	_____ : _____	_____
0116	611.3004 Inlets 4-FT Diameter	12.000 EACH	_____ : _____	_____
0118	611.3230 Inlets 2x3-FT	5.000 EACH	_____ : _____	_____
0120	611.3903 Inlets Median 3 Grate	1.000 EACH	_____ : _____	_____
0122	611.9850.S Pipe Grates (size) 01. 18-Inch	1.000 EACH	_____ : _____	_____
0124	611.9850.S Pipe Grates (size) 02. 24-Inch	1.000 EACH	_____ : _____	_____
0126	611.9850.S Pipe Grates (size) 03. 36-Inch	1.000 EACH	_____ : _____	_____
0128	614.0396 Guardrail Mow Strip Asphalt	45.000 SY	_____ : _____	_____
0130	614.2300 MGS Guardrail 3	950.000 LF	_____ : _____	_____
0132	614.2500 MGS Thrie Beam Transition	78.800 LF	_____ : _____	_____
0134	614.2610 MGS Guardrail Terminal EAT	2.000 EACH	_____ : _____	_____
0136	616.0206 Fence Chain Link 6-FT	826.000 LF	_____ : _____	_____
0138	616.0329 Gates Chain Link (width) 01. 12-Ft	1.000 EACH	_____ : _____	_____
0140	618.0100 Maintenance and Repair of Haul Roads (project) 01. 9260-00-71	1.000 EACH	_____ : _____	_____
0142	619.1000 Mobilization	1.000 EACH	_____ : _____	_____
0144	624.0100 Water	227.000 MGAL	_____ : _____	_____



## Proposal Schedule of Items

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**Proposal ID:** 20260310031    **Project(s):** 9260-00-71, 9260-00-81**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
0146	625.0100 Topsoil	24,132.000 SY	_____.	_____.
0148	628.1504 Silt Fence	4,739.000 LF	_____.	_____.
0150	628.1520 Silt Fence Maintenance	4,739.000 LF	_____.	_____.
0152	628.1905 Mobilizations Erosion Control	5.000 EACH	_____.	_____.
0154	628.1910 Mobilizations Emergency Erosion Control	5.000 EACH	_____.	_____.
0156	628.2006 Erosion Mat Urban Class I Type A	3,879.000 SY	_____.	_____.
0158	628.2008 Erosion Mat Urban Class I Type B	6,893.000 SY	_____.	_____.
0160	628.2023 Erosion Mat Class II Type B	13,360.000 SY	_____.	_____.
0162	628.7005 Inlet Protection Type A	29.000 EACH	_____.	_____.
0164	628.7015 Inlet Protection Type C	24.000 EACH	_____.	_____.
0166	628.7555 Culvert Pipe Checks	12.000 EACH	_____.	_____.
0168	629.0210 Fertilizer Type B	16.300 CWT	_____.	_____.
0170	630.0120 Seeding Mixture No. 20	905.000 LB	_____.	_____.
0172	630.0140 Seeding Mixture No. 40	189.000 LB	_____.	_____.
0174	630.0200 Seeding Temporary	38.000 LB	_____.	_____.
0176	630.0500 Seed Water	415.000 MGAL	_____.	_____.



## Proposal Schedule of Items

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**Proposal ID:** 20260310031    **Project(s):** 9260-00-71, 9260-00-81**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
0178	633.5200	2.000		
	Markers Culvert End	EACH	_____.	_____.
0180	634.0616	25.000		
	Posts Wood 4x6-Inch X 16-FT	EACH	_____.	_____.
0182	634.0618	3.000		
	Posts Wood 4x6-Inch X 18-FT	EACH	_____.	_____.
0184	637.2230	16.500		
	Signs Type II Reflective F	SF	_____.	_____.
0186	638.2102	30.000		
	Moving Signs Type II	EACH	_____.	_____.
0188	638.3000	26.000		
	Removing Small Sign Supports	EACH	_____.	_____.
0190	642.5201	1.000		
	Field Office Type C	EACH	_____.	_____.
0192	643.0300	8,025.000		
	Traffic Control Drums	DAY	_____.	_____.
0194	643.0420	4,694.000		
	Traffic Control Barricades Type III	DAY	_____.	_____.
0196	643.0705	5,908.000		
	Traffic Control Warning Lights Type A	DAY	_____.	_____.
0198	643.0715	1,065.000		
	Traffic Control Warning Lights Type C	DAY	_____.	_____.
0200	643.0900	44,032.000		
	Traffic Control Signs	DAY	_____.	_____.
0202	643.0920	8.000		
	Traffic Control Covering Signs Type II	EACH	_____.	_____.
0204	643.1000	36.000		
	Traffic Control Signs Fixed Message	SF	_____.	_____.
0206	643.3180	241.000		
	Temporary Marking Line Removable Tape 6-Inch	LF	_____.	_____.
0208	643.5000	1.000		
	Traffic Control	EACH	_____.	_____.



## Proposal Schedule of Items

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**Proposal ID:** 20260310031    **Project(s):** 9260-00-71, 9260-00-81**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
0210	644.1440 Temporary Pedestrian Surface Matting	59.000 SF	_____ : _____	_____ : _____
0212	644.1601 Temporary Pedestrian Curb Ramp	20.000 DAY	_____ : _____	_____ : _____
0214	644.1605 Temporary Pedestrian Detectable Warning Field	20.000 SF	_____ : _____	_____ : _____
0216	644.1810 Temporary Pedestrian Barricade	184.000 LF	_____ : _____	_____ : _____
0218	644.1900.S Temporary Audible Message Devices	130.000 DAY	_____ : _____	_____ : _____
0220	645.0120 Geotextile Type HR	166.000 SY	_____ : _____	_____ : _____
0222	646.2040 Marking Line Grooved Wet Ref Epoxy 6-Inch	7,302.000 LF	_____ : _____	_____ : _____
0224	646.6120 Marking Stop Line Epoxy 18-Inch	57.000 LF	_____ : _____	_____ : _____
0226	646.6466 Cold Weather Marking Epoxy 6-Inch	7,302.000 LF	_____ : _____	_____ : _____
0228	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	148.000 LF	_____ : _____	_____ : _____
0230	650.4000 Construction Staking Storm Sewer	43.000 EACH	_____ : _____	_____ : _____
0232	650.4500 Construction Staking Subgrade	2,891.000 LF	_____ : _____	_____ : _____
0234	650.5000 Construction Staking Base	2,891.000 LF	_____ : _____	_____ : _____
0236	650.5500 Construction Staking Curb Gutter and Curb & Gutter	3,058.000 LF	_____ : _____	_____ : _____
0238	650.6000 Construction Staking Pipe Culverts	1.000 EACH	_____ : _____	_____ : _____



## Proposal Schedule of Items

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**Proposal ID:** 20260310031    **Project(s):** 9260-00-71, 9260-00-81**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
0240	650.9000	6.000		
	Construction Staking Curb Ramps	EACH	_____.	_____.
0242	650.9500	1.000		
	Construction Staking Sidewalk (project) 01. 9260-00-71	EACH	_____.	_____.
0244	650.9911	1.000		
	Construction Staking Supplemental Control (project) 01. 9260-00-71	EACH	_____.	_____.
0246	650.9920	3,331.000		
	Construction Staking Slope Stakes	LF	_____.	_____.
0248	690.0150	1,039.000		
	Sawing Asphalt	LF	_____.	_____.
0250	740.0440	2,190.000		
	Incentive IRI Ride	DOL	1.00000	2,190.00
0252	SPV.0035	662.000		
	Special 01. Engineered Soil	CY	_____.	_____.
0254	SPV.0060	3.000		
	Special 01. Sanitary Sewer Connection to Existing Sanitary Sewer Pipe	EACH	_____.	_____.
0256	SPV.0060	1.000		
	Special 02. Sanitary Sewer Connection to Existing Sanitary Sewer Manhole	EACH	_____.	_____.
0258	SPV.0060	1.000		
	Special 03. Utility Line Opening (ULO)	EACH	_____.	_____.
0260	SPV.0060	7.000		
	Special 04. Sanitary Sewer Manhole Casting Elevation Adjustment	EACH	_____.	_____.
0262	SPV.0060	4.000		
	Special 05. Water Main Connection to Existing Water Main 8-Inch	EACH	_____.	_____.
0264	SPV.0060	6.000		
	Special 06. Water Service Connection to Existing Water Main 1-Inch	EACH	_____.	_____.
0266	SPV.0060	12.000		
	Special 07. Water Valve Box Adjustment	EACH	_____.	_____.



## Proposal Schedule of Items

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**Proposal ID:** 20260310031    **Project(s):** 9260-00-71, 9260-00-81**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
0268	SPV.0060 Special 08. Temporary Water Service	10.000 EACH	_____ : _____	_____
0270	SPV.0060 Special 09. Inlet Covers Type H-D	5.000 EACH	_____ : _____	_____
0272	SPV.0060 Special 10. Concrete Collars for Manholes	2.000 EACH	_____ : _____	_____
0274	SPV.0060 Special 11. Observation Well	1.000 EACH	_____ : _____	_____
0276	SPV.0060 Special 12. Temporary Trail Shift for Storm Sewer Work	1.000 EACH	_____ : _____	_____
0278	SPV.0090 Special 01. Sanitary Sewer 8-Inch PVC	80.000 LF	_____ : _____	_____
0280	SPV.0090 Special 02. Water Main 8-Inch Ductile Iron	80.000 LF	_____ : _____	_____
0282	SPV.0090 Special 03. Water Service 1-Inch Copper	228.000 LF	_____ : _____	_____
0284	SPV.0090 Special 04. Sanitary Sewer Lateral 6-Inch PVC	168.000 LF	_____ : _____	_____
0286	SPV.0165 Special 01. Rigid Insulation Board 4-Inch Thick	7,315.000 SF	_____ : _____	_____
<b>Section:</b> 0001			<b>Total:</b>	_____
			<b>Total Bid:</b>	_____

**PLEASE ATTACH ADDENDA HERE**