

HIGHWAY WORK PROPOSAL

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

Proposal Number:

007

<u>STATE ID</u>	<u>FEDERAL ID</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>	<u>COUNTY</u>
6130-01-72	WISC 2026003	Wisconsin Dells - Adams, Median 350ft S of Us12 Intersection	STH 013	Sauk
6145-01-72	WISC 2026004	Wisconsin Dells - Baraboo, CTH a to Pilgrim Drive	USH 012	Sauk
6145-01-73	WISC 2026005	Wisconsin Dells - Baraboo, Pilgrim Drive to E Adams St	USH 012	Sauk
6145-01-74	WISC 2026006	Wisconsin Dells - Baraboo, STH 13 to CTH A	USH 012	Sauk
6145-01-82	N/A	Wisconsin Dells - Baraboo, CTH a to Pilgrim Drive	USH 012	Sauk
6145-01-83	N/A	Wisconsin Dells - Baraboo, Pilgrim Drive to E Adams St	USH 012	Sauk
6145-01-84	N/A	Wisconsin Dells - Baraboo, STH 13 to CTH A	USH 012	Sauk

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: \$850,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Date: May 12, 2026 Time (Local Time): 11:00 am	Firm Name, Address, City, State, Zip Code
Contract Completion Time May 04, 2029	SAMPLE NOT FOR BIDDING PURPOSES
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, Concrete Pavement, Asphalt Pavement, Sign Structure, Curb and Gutter, Concrete Sidewalk, Storm Sewer, Erosion Control, Permanent Signing, Traffic Control, Pavement Marking, Lighting, Traffic Signals, ITS, Sanitary, Water, Retaining Wall, 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://wisconsin.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 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://wisconsin.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™ web site.
 2. Use Expedite™ software to enter a unit price for every item in the schedule of items.
 3. Submit the bid according to the requirements of Expedite™ software and the Bid Express™ 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™ 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™ 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™ 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 envelope but due at the same time and place as the sealed bid, also provide the Expedite™ 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™ 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 ExpediteTM generated schedule of items is not the same on each page.
 2. The check code printed on the printout of the ExpediteTM generated schedule of items is not the same as the check code for that proposal provided on the diskette or CD ROM.
 3. The diskette or CD ROM is not submitted at the time and place the department designates.

B Waiver of Electronic Submittal

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

PROPOSAL BID BOND

DT1303 1/2006

Wisconsin Department of Transportation

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

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

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

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

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

PRINCIPAL

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

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

NOTARY FOR PRINCIPAL

(Date)

State of Wisconsin)
) ss.
_____ County)

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

(Signature, Notary Public, State of Wisconsin)

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

(Date Commission Expires)

Notary Seal

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

(Signature of Attorney-in-Fact)

NOTARY FOR SURETY

(Date)

State of Wisconsin)
) ss.
_____ County)

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

(Signature, Notary Public, State of Wisconsin)

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

(Date Commission Expires)

Notary Seal

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

CERTIFICATE OF ANNUAL BID BOND

DT1305 8/2003

Wisconsin Department of Transportation

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

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

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

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

(Signature of Authorized Contractor Representative)

(Date)

LIST OF SUBCONTRACTORS

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

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

[illegible]

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

Instructions for Certification

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

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

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

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

Special Provisions

Table of Contents

Article	Description	Page #
1.	General.....	5
2.	Scope of Work.....	5
3.	Prosecution and Progress.....	5
4.	Lane Rental Fee Assessment.....	14
5.	Traffic.....	15
6.	Holiday and Special Event Work Restrictions.....	19
7.	Utilities.....	20
8.	Work By Others.....	29
9.	Municipality Acceptance of Sanitary Sewer and Water Main Construction.....	29
10.	Referenced Construction Specifications.....	29
11.	Wisconsin Department of Natural Resources Safe Drinking Water Loan Program and Wisconsin Department of Natural Resources Clean Water Fund Program for Water Main and Sanitary Sewer Construction.....	30
12.	Timely Decision Making Manual.....	32
13.	Information to Bidders, WPDES Transportation Construction General Permit (TCGP) for Storm Water Discharges.....	32
14.	Erosion Control.....	33
15.	Notice to Contractor – Adjacent Construction Project.....	34
16.	Notice to Contractor, Verification of Asbestos Inspection, No Asbestos Found.....	34
17.	Notice to Contractor, Electronic Load Tickets.....	34
18.	Notice to Contractor – Diamond Grinding Concrete Slurry Disposal.....	35
19.	Archaeological Site.....	35
20.	Coordination with Businesses and Residents.....	35
21.	Abandoning Sewer, Item 204.0291.S.....	35
22.	Removing Traffic Signals (USH 12 & STH 13/16/23), Item 204.9060.S.01; Removing Traffic Signals (USH 12 & CTH A), Item 204.9060.1.S.03; Removing Traffic Signals (USH 12 at Bonanza PHB), Item 204.9060.S.04; Removing Traffic Signals (USH 12 at Olympus PHB), Item 204.9060.S.05; Removing Traffic Signals (USH 12 & Lake Ave), Item 204.9060.S.06; Removing Traffic Signals (USH 12 at Newsom PHB), Item 204.9060.S.08.....	37
23.	Removing Lighting System, Item 204.9060.S.02.....	37
24.	Removing Bollard, Item 204.9060.S.09.....	38
25.	Removing Curb Stops, Item 204.9060.S.10.....	38
26.	Removing Lighting Unit, Item 204.9060.S.11.....	38
27.	Removing Drainage Chamber, Item 204.9060.S.12.....	39
28.	Removing Trash Receptacle, Item 204.9060.S.13.....	39
29.	Removing Bench, Item 204.9060.S.14.....	39
30.	Removing Existing Boulder Wall, Item 204.9090.S.02.....	40
31.	Removing Retaining Wall and Railing, Item 204.9090.S.03.....	40
32.	Removing Existing Block Retaining Wall, Item 204.9090.S.04.....	40
33.	Removing Existing Timber Retaining Wall, Item 204.9090.S.05.....	41

34.	Removing Existing Tie Wall, Item 204.9090.S.06.....	41
35.	Removing Railing, Item 204.9090.S.07.	41
36.	Removing Decorative Fence and Concrete Pillars, Item 204.9090.S.08.	42
37.	Removing Elevated Concrete Patio and Railing, Item 204.9165.S.01.	42
38.	Coloring Concrete Custom, Item 405.0200.....	42
39.	Concrete Staining R-56-0043, Item 517.1010.S.	43
40.	Architectural Surface Treatment R-56-0045, Item 517.1050.S.01; Architectural Surface Treatment R-56-0047, Item 517.1050.S.02.....	44
41.	Concrete Sidewalk 6-inch, Item 602.0415.	45
42.	Concrete Driveway 7-inch, Item 602.0815.....	46
43.	Fence Safety, Item 616.0700.S.	46
44.	Field Office Type D, Item 642.5401.	47
45.	Temporary Audible Message Devices, Item 644.1900.S.....	47
46.	Street Lighting General.	48
47.	Lamp, Ballast, LED, Switch Disposal by Contractor, Item 659.5000.S.	49
48.	Traffic Signal Face 3S 12-Inch, Item 658.0173; Traffic Signal Face 4S 12-Inch, Item 658.0174.....	50
49.	Temporary Traffic Signals of Intersections (USH 12 & STH 13/16/23), Item 661.0201.01; Temporary Traffic Signals of Intersections (USH 12 & CTH A), Item 661.0201.03; Temporary Traffic Signals of Intersections (USH 12 & Olympus Dr), Item 661.0201.05; Temporary Traffic Signals of Intersections (USH 12 & Lake Ave), Item 661.0201.06.	50
50.	Concrete Masonry Parapet and Anchor Slab, Item SPV.0035.001.....	51
51.	Concrete Anchor Slab, Item SPV.0035.002.....	52
52.	Lightweight Foamed Concrete Fill, Item SPV.0035.003.	52
53.	VLD Rock Excavation, Item SPV.0035.004; VLD Abandon Ex. Sanitary Sewer and Laterals, Item SPV.0035.005.	56
54.	CWD Rock Excavation Sanitary Sewer, Item SPV.0035.007; CWD Abandon Existing Sanitary Sewer, CSLM, Item SPV.0035.008; CWD Rock Excavation Water Main, Item SPV.0035.009.	57
55.	Concrete Retaining Stair Wall and Footing, Item SPV.0035.010.	57
56.	Storm Sewer Pipe Class III 60-Inch Diameter 45 Degree Elbow, Item SPV.0060.001; Storm Sewer Pipe Class III-A 24-Inch Diameter 45 Degree Elbow, Item SPV.0060.002.	58
57.	Double Inlets, Item SPV.0060.003.....	58
58.	Inlet Covers Type SP, Item SPV.0060.004.....	59
59.	Storm Sewer Manhole 15-FT X 4-FT, Item SPV.0060.005; Storm Sewer Manhole 7-FT X 3-FT, Item SPV.0060.006.	59
60.	Temporary Pipe Connection 12-Inch, Item SPV.0060.007; Temporary Pipe Connection 18-Inch, Item SPV.0060.008; Temporary Pipe Connection 24-Inch, Item SPV.0060.009; Temporary Pipe Connection 30-Inch, Item SPV.0060.010.....	60
61.	Temporary Rectangular Rapid Flashing Beacon System (USH 12 at Olympus Dr), SPV.0060.011.	60
62.	Accessible Pedestrian Signals, Item SPV.0060.012.	62
63.	Luminaire Utility LED D (Type 4), Item SPV.0060.013.	62
64.	Luminaire Utility LED A (Type 2), Item SPV.0060.014.	63
65.	30-FT Decorative Light Pole (Type 5), Item SPV.0060.015.	63
66.	Relocate Lighting Unit, Item SPV.0060.016.....	64
67.	Luminaire Arm Member 6-Inch Long, Item SPV.0060.017.....	65

68.	Utility Line Opening, Item SPV.0060.18.....	65
69.	CWD Construction Staking Sanitary Sewer, Item SPV.0060.071; CWD Construction Staking Water Main, Item SPV.0060.072; CWD Abandon Existing Sanitary Manhole, Item SPV.0060.073; CWD Abandon Existing Sanitary Sewer, Item SPV.0060.074; CWD Sanitary Sewer Manhole, Item SPV.0060.075; CWD Sanitary Sewer Manhole, Outside Drop, Item SPV.0060.076; CWD Adjust Existing Sanitary Manhole, Item SPV.0060.077; CWD Connect to Existing Sanitary Sewer Manhole, Item SPV.0060.078; CWD Connect to Existing Sanitary Sewer, Item SPV.0060.079; CWD Sanitary Sewer Wye 8-Inch X 6-Inch w/Tracer Wire & Terminal Box, SPV.0060.080; CWD Remove Existing Hydrant Assembly, Item SPV.0060.081; CWD Remove Existing Valve Box, Item SPV.0060.082; CWD Abandon Existing Water Main, Item SPV.0060.083; CWD Hydrant, Item SPV.0060.084; CWD Valve & Box 12-Inch, Item SPV.0060.085; CWD Valve & Box 8-Inch, Item SPV.0060.086; CWD Valve & Box 6-Inch, Item SPV.0060.087; CWD Cross 12-Inch X 6-Inch X 12-Inch X 12-Inch, Item SPV.0060.088; CWD Tee 12-Inch X 12-Inch X 12-Inch, Item SPV.0060.089; CWD Tee 12-Inch X 6-Inch X 12-Inch, Item SPV.0060.090; CWD Tee 8-Inch X 12-Inch X 8-Inch, Item SPV.0060.091; CWD Tee 8-Inch X 8-Inch X 8-Inch, Item SPV.0060.092; CWD Tee 8-Inch X 6-Inch X 8-Inch, Item SPV.0060.093; CWD Bend 12-Inch, Item SPV.0060.094; CWD Ben 8-Inch, Item SPV.0060.095; CWD Bend 6-Inch, Item SPV.0060.096; CWD Reducer 12-Inch X 8-Inch, Item SPV.0060.097; CWD Reducer 12-Inch X 6-Inch, Item SPV.0060.098; CWD Plug, 12-Inch, Item SPV.0060.099; CWD Corporation, Curb Stop, Box & Reconnect 1-Inch, Item SPV.0060.100; CWD Connect to Existing Water Main, Item SPV.0060.101; CWD Manhole Adjustment Via Mr. Manhole, Item SPV.0060.102.....	68
71.	Remove, Salvage and Reinstall Guardrail and Single Post, Item SPV.0060.104.	70
72.	Interim Traffic Signals of Intersections (USH 12 & DellShire Dr), Item SPV.0060.105.	71
73.	CIPP Lining 15-Inch, Item SPV.0090.001; CIPP Lining 18-Inch, Item SPV.0090.002.	72
74.	Concrete Curb Pedestrian Special, Item SPV.0090.003; Concrete Curb & Gutter 18-Inch, Type G, Item SPV.0090.004; Concrete Curb & Gutter 6-Inch Sloped 18-Inch, Type G, Item SPV.0090.005; Concrete Curb & Gutter Integral 66-Inch, Type A, Item SPV.0090.006; Concrete Curb & Gutter 24-Inch, Type A, Item SPV.0090.007; Concrete Curb & Gutter 24-Inch, Type D, Item SPV.0090.008.	75
75.	Remove, Salvage and Reinstall Railing, Item SPV.0090.009.	76
76.	Remove, Salvage and Reinstall Brick Edging, Item SPV.0090.010.	76
77.	Install State-Supplied Non-Intrusive Detection Cable, Item SPV.0090.011.	77
78.	VLD 4-Inch PVC Sanitary Sewer, Item SPV.0090.015; VLD 6-Inch PVC Sanitary Sewer, Item SPV.0090.016; VLD 8-Inch PVC Sanitary Sewer, Item SPV.0090.017; VLD 10-Inch PVC Sanitary Sewer, Item SPV.0090.018; VLD 4-Inch DI Watermain, Item SPV.0090.019; VLD 6-Inch DI Watermain, Item SPV.0090.020; VLD 8-Inch DI Watermain, Item SPV.0090.021; VLD 12-Inch DI Watermain, Item SPV.0090.022; VLD 1-Inch Service Line, Item SPV.0090.023; VLD 2-Inch Copper Service, Item SPV.0090.024; VLD Existing Sanitary Sewer Televising, Item SPV.0090.025; VLD Remove Existing Watermain, Item SPV.0090.026; VLD Remove Ex. Sanitary Sewer and Laterals, Item SPV.0090.027.	77
79.	CWD Sanitary Sewer C900 Restrained Joint 12-Inch, Item SPV.0090.029; CWD Sanitary Sewer PVC 10-Inch, Item SPV.0090.030; CWD Sanitary Sewer PVC 8-Inch, Item SPV.0090.031; CWD C900 Sanitary Sewer Restrained Joint 8-Inch, Item SPV.0090.032; CWD Casing Pipe RCP 24-Inch, Item SPV.0090.033; CWD Sanitary Lateral, PVC, 6-Inch, Item SPV.0090.034; CWD Water Main Ductile Iron 12-Inch, Item SPV.0090.035; CWD Water Main Ductile Iron 8-Inch, Item SPV.0090.036; CWD Water Main Ductile Iron 6-Inch, Item SPV.0090.037; CWD Water Main Ductile Iron Restrained Joint 12-Inch, Item SPV.0090.038; CWD Casing Pipe RCP 30-Inch, Item SPV.0090.039; CWD Water Service Copper 1-Inch, Item SPV.0090.040; CWD Casing Pipe 30-Inch (Sanitary), Item SPV.0090.041.	78
80.	VLD Rigid Insulation, 4-FT X 8-FT X 2-Inch (For Water Main), Item SPV.0165.001; VLD Rigid Insulation, 4-FT X 8-FT X 2-Inch (For Sanitary Sewer), Item SPV.0165.002.....	79
81.	CWD Rigid Insulation, 4-FT X 8-FT X 2-Inch, Item SPV.0165.003.	79
82.	Remove, Salvage and Reinstall Landscaping Rock Item SPV.0165.005.....	79
83.	Anti-Graffiti Coating, Item SPV.0165.010.	80

84.	Wall Modular Block Gravity Landscape (L01 – Sta. 617+06), Item SPV.0165.011; Wall Modular Block Gravity Landscape (L02 – Sta. 618+16), Item SPV.0165.012; Wall Modular Block Gravity Landscape (L03 – Sta. 623+00), Item SPV.0165.013; Wall Modular Block Gravity Landscape (L04 – Sta. 633+90), Item SPV.0165.014; Wall Modular Block Gravity Landscape (L05 – Sta. 659+68), Item SPV.0165.015.....	81
85.	Wall Modular Block Gravity (R-56-0038), Item SPV.0165.016; Wall Modular Block Gravity (R-56-0039), Item SPV.0165.017; Wall Modular Block Gravity (R-56-0041), Item SPV.0165.018; Wall Modular Block Gravity (R-56-0043), Item SPV.0165.019;; Wall Modular Block Gravity (R-56-0046), Item SPV.0165.022; Wall Modular Block Gravity (R-56-0047), Item SPV.0165.023; Wall Modular Block Gravity (R-56-0048), Item SPV.0165.024.	86
86.	Wall Modular Block Mechanically Stabilized Earth (R-56-0044), Item SPV.0165.025; Wall Modular Block Mechanically Stabilized Earth (R-56-0045), Item SPV.0165.026.	91
87.	Parapet Architectural Surface Treatment, Item SPV.0165.027.	100
88.	Concrete Pavement 8-Inch Special, Item SPV.0180.001; Concrete Pavement HES 8-Inch Special, Item SPV.0180.002.	101
89.	VLD Imported Granular Backfill (For Sanitary Sewer), Item SPV.0195.001; VLD Imported Granular Backfill (For Water Main), Item SPV.0195.002.	105
90.	CWD Imported Granular Backfill (For Sanitary Sewer), Item SPV.0195.004; CWD Imported Granular Backfill (For Water Main), Item SPV.0195.005.	106
91.	Cold Patch, Item SPV.0195.006.	106

STSP'S Revised January 1, 2026

SPECIAL PROVISIONS

1. General.

Perform the work under this construction contract for the following projects:

6130-01-72
Wisconsin Dells – Adams
Median 350ft S of USH12 Intersection
STH 13
Sauk County

6145-01-72
Wisconsin Dells – Baraboo
CTH A to Pilgrim Drive
USH 12
Sauk County

6145-01-73
Wisconsin Dells – Baraboo
E Adams Street to Pilgrim Drive
USH 12
Sauk County

6145-01-74
Wisconsin Dells – Baraboo
STH 13 to CTH A
USH 12
Sauk County

6145-01-82
Wisconsin Dells – Baraboo
CTH A to Pilgrim Drive
USH 12
Sauk County

6145-01-83
Wisconsin Dells – Baraboo
E Adams Street to Pilgrim Drive
USH 12
Sauk County

6145-01-84
Wisconsin Dells – Baraboo
STH 13 to CTH A
USH 12
Sauk County

Perform the work 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 (20260101)

2. Scope of Work.

The work under this contract shall consist of grading, base aggregate, concrete pavement, HMA pavement, concrete curb & gutter, curb ramps, concrete sidewalk, storm sewer, sanitary sewer, water main relocations, retaining walls, landscape walls, sign structures, culvert repair, street lighting, traffic signals, interconnect, signing, pavement marking, restoration 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.

A General

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

Provide the start date to the engineer in writing within one month after executing the contract but at least 14 calendar days before the preconstruction conference. Upon approval, the engineer will issue the notice to proceed within ten calendar days before the approved start date.

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

The contract time for completion is based on an expedited work schedule and may require extraordinary forces and equipment. Indicate on the proposed schedule of operations that a large force and adequate equipment will be needed to assure that the work will be completed within the established contract time.

Winter weather work, excavation of frozen ground, grading, high ground water and dewatering during winter months will not be considered adverse weather delays to construction.

Anticipate cold weather work. Plan to heat aggregates and water for mixes and that the heating of the aggregate and water is considered incidental to those concrete items. There will be no adverse weather delay for cold weather construction.

B Contractor Coordination and Advance Notification

Hold progress meetings once a week. The contractor's superintendent or designated representative and subcontractor's representatives for ongoing subcontract work or subcontractor work to begin within the next two weeks are to attend and provide a written schedule of the next week(s) operations. Include begin and end dates of specific prime and subcontractor operations. Invite utilities, area first responders (police, fire, EMS), Sauk County Sheriffs Department, Sauk County Highway Department, City of Wisconsin Dells, Village of Lake Delton, and Wisconsin Dells School District representatives to attend the progress meetings. Agenda items at the meeting will include review of the previous week worked, review of the contractor's schedule and subcontractors' schedule, evaluation of progress and pay items, and making revisions if necessary. Plans and specifications for upcoming work will be reviewed to prevent potential problems or conflicts between contractors.

Notify area first responders (police, fire, EMS), Sauk County Sheriff's Department, area school districts and bus companies, garbage/recycling pick-up companies, and the post office two weeks in advance of the start of the project, and at least three days in advance of all traffic switches and full night closures.

Maintain emergency vehicle access at all times within the project limits.

C Work Restrictions

Do not close traffic lanes, shoulders, or sidewalks outside the time periods specified in this article and the Traffic article of these special provisions. Assessments per the Lane Rental Fee Assessment article will be charged for lane closures outside the allowed time periods.

C.1.1 General – Project IDs 6145-01-72/73/74/82/83/84

During non-peak season, work is permitted 24 hours a day, 7 days a week, except during Holiday and Special Event times as specified in these special provisions.

- September 8, 2026 through June 11, 2027
- September 7, 2027 through June 9, 2028
- September 5, 2028 through May 4, 2029

During peak season, work is only permitted during the overnight hours, Monday through Wednesday, 10PM to midnight and Tuesday through Thursday, midnight to 6AM, except during Holiday and Special Event times as specified in these special provisions.

- Begin construction to September 7, 2026
- June 12, 2027 to September 6, 2027
- June 10, 2028 to September 4, 2028

E Lake Ave and E Hiawatha Dr cannot be closed at the same time.

Only three of these five intersections can be closed at the same time, and concurrent intersections cannot be closed at the same time.

- W Hiawatha Dr
- Red Bird Ave
- Dekorra Ln.
- Winnebago Ln.
- W Lake Ave.

Newsom Ln cannot be closed while USH 12 is restricted to a single lane over the Springbrook Creek.

All work and restoration within the Temporary Limited Easements shall be completed by December 31, 2028.

C.1.2 General – Project ID 6130-01-72

Work is only permitted during the following times:

- October 4, 2027 thru October 29, 2027
- 6 AM Mondays thru noon Fridays

C.2 Interim and Enhanced Final Liquidated Damages

Add to standard spec 108.11 the following:

The department will not grant time extensions to the interim completion dates or to the final completion date specified below for the following:

1. Severe weather as specified in standard spec 108.10.2.2.

C.2.1 Interim Completion and Liquidated Damages – CTH A, 28 Consecutive Calendar Days (Stage 1)

Complete construction operations for USH 12 at CTH A within 28 consecutive calendar day period. Once contractor closes CTH A intersection, the 28-calendar day window begins. Traffic on USH 12 shall remain open, and CTH A traffic will utilize alternate connection to USH 12. Do not open until completing the following work: concrete pavement, concrete curb & gutter, HMA pavement, storm sewer, water main, sanitary sewer, curb ramps, sidewalk, underground signal work and any other work necessary to reopen the road.

If the contractor fails to complete the work necessary to reopen the intersection within 28 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 28 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.2 Interim Completion and Liquidated Damages – June 11, 2027 (Stage 1)

Complete all work necessary to shift USH 12 traffic to their respective locations as shown in the Post-Stage 1 plans by June 11, 2027.

If the contractor fails to complete all work necessary to shift traffic to their respective locations as shown in the Post-Stage 1 plans by June 11, 2027, the department will assess the contractor \$10,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 12:01 AM on June 12, 2027. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.3 ID 6130-01-72 Completion Date and Liquidated Damages: October 29, 2027

Begin construction operations on STH 13 after October 3, 2027. Contractor to coordinate access restrictions incurred with STH 13 median closure at same time with the USH 12 median access restrictions which occur for same property.

Complete construction operations on STH 13 and reopen to all traffic by October 29, 2027. If the contractor fails to complete the work necessary to reopen STH 13 to traffic by October 29, 2027, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 12:01 AM on October 30, 2027. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.4 Interim Completion and Liquidated Damages – Pilgrim Dr to Olympus Dr Inclusive, 35 Consecutive Calendar Days (Stage 2A)

Complete all work necessary to shift traffic to their respective locations as shown in Stage 2B within 35 consecutive calendar day period. Once contractor closes Olympus Dr, the 35-calendar day window begins. Traffic on USH 12 shall remain open, and Olympus Dr traffic will utilize alternate connection to USH 12. Do not open until completing the following work: concrete pavement, concrete curb & gutter, HMA pavement, storm sewer, water main, sanitary sewer, curb ramps, sidewalk, underground signal work and any other work necessary to reopen the road.

If the contractor fails to complete the work necessary to reopen the intersection within 35 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 35 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.5 Interim Completion and Liquidated Damages – E Lake Ave, 28 Consecutive Calendar Days (Stage 3)

Complete construction operations for USH 12 at E Lake Ave within 28 consecutive calendar day period. Once contractor closes E Lake Ave, the 28-calendar day window begins. Traffic on USH 12 shall remain open, and E Lake Ave traffic will utilize alternate connection to USH 12. Do not open until completing the following work: concrete pavement, concrete curb & gutter, HMA pavement, storm sewer, water main, sanitary sewer, curb ramps, sidewalk, underground signal work and any other work necessary to reopen the road.

If the contractor fails to complete the work necessary to reopen the intersection within 28 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 28 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.6 Interim Completion and Liquidated Damages – E Hiawatha Dr, 28 Consecutive Calendar Days (Stage 3)

Complete construction operations for USH 12 at E Hiawatha Dr within 28 consecutive calendar day period. Once contractor closes E Hiawatha Dr, the 28-calendar day window begins. Traffic on USH 12 shall remain open, and E Hiawatha Dr traffic will utilize alternate connection to USH 12. Do not open until completing the following work: concrete pavement, concrete curb & gutter, HMA pavement, storm sewer, water main, sanitary sewer, curb ramps, sidewalk, underground signal work and any other work necessary to reopen the road.

If the contractor fails to complete the work necessary to reopen the intersection within 28 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 28 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.7 Interim Completion and Liquidated Damages – April 28, 2028 (Stage 3A)

Complete all work necessary to shift USH 12 traffic to their respective locations as shown in the Stage 3B plans by April 28, 2028.

If the contractor fails to complete all work necessary to reopen all travel lanes on USH 12 from Olympus Dr to STH 13 as shown in the Stage 3B plans by April 28, 2028, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 12:01 AM on April 29, 2028. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.8 Interim Completion and Liquidated Damages – June 9, 2028 (Stage 3)

Complete all work necessary to shift USH 12 traffic to their respective locations as shown in the Post-Stage 3 plans by June 9, 2028.

If the contractor fails to complete all work necessary to shift traffic to their respective locations as shown in the Post-Stage 3 plans by June 9, 2028, the department will assess the contractor \$10,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 12:01 AM on June

10, 2028. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.9 Interim Completion and Liquidated Damages – Springbrook Creek, 35 Consecutive Calendar Days (Stage 4A)

USH 12 is allowed to be restricted to a single lane for a maximum of 35 consecutive calendar days as shown in the Stage 4A plans. After the 35 days ends, USH 12 shall be open to bi-directional traffic as shown in the Stage 4B plans. Do not open USH 12 to bi-directional traffic until all necessary work is completed to do so.

If the contractor fails to complete all work necessary within the 35 consecutive calendar days to open USH 12 to bi-directional traffic as shown in the Stage 4B plans, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 35 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.10 Interim Completion and Liquidated Damages – W Lake Ave, 28 Consecutive Calendar Days (Stage 4)

Complete construction operations for USH 12 at W Lake Ave within 28 consecutive calendar day period. Once contractor closes W Lake Ave, the 28-calendar day window begins. Traffic on USH 12 shall remain open, and W Lake Ave traffic will utilize alternate connection to USH 12. Do not open until completing the following work: concrete pavement, concrete curb & gutter, HMA pavement, storm sewer, water main, sanitary sewer, curb ramps, sidewalk, underground signal work and any other work necessary to reopen the road.

If the contractor fails to complete the work necessary to reopen the intersection within 28 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 28 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.11 Interim Completion and Liquidated Damages – Winnebago Ln, 28 Consecutive Calendar Days (Stage 4A)

Complete construction operations for USH 12 at Winnebago Ln within 28 consecutive calendar day period. Once contractor closes Winnebago Ln, the 28-calendar day window begins. Traffic on USH 12 shall remain open, and Winnebago Ln traffic will utilize alternate connection to USH 12. Do not open until completing the following work: concrete pavement, concrete curb & gutter, HMA pavement, storm sewer, water main, sanitary sewer, curb ramps, sidewalk, underground signal work and any other work necessary to reopen the road.

If the contractor fails to complete the work necessary to reopen the intersection within 28 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 28 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.12 Interim Completion and Liquidated Damages – Dekorra Ln, 28 Consecutive Calendar Days (Stage 4)

Complete construction operations for USH 12 at Dekorra Ln within 28 consecutive calendar day period. Once contractor closes Dekorra Ln, the 28-calendar day window begins. Traffic on USH 12 shall remain open, and Dekorra Ln traffic will utilize alternate connection to USH 12. Do not open until completing the following work: concrete pavement, concrete curb & gutter, HMA pavement, storm sewer, water main,

sanitary sewer, curb ramps, sidewalk, underground signal work and any other work necessary to reopen the road.

If the contractor fails to complete the work necessary to reopen the intersection within 28 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 28 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.13 Interim Completion and Liquidated Damages – Red Bird Ave, 28 Consecutive Calendar Days (Stage 4)

Complete construction operations for USH 12 at Red Bird Ave within 28 consecutive calendar day period. Once contractor closes Red Bird Ave, the 28-calendar day window begins. Traffic on USH 12 shall remain open, and Red Bird Ave traffic will utilize alternate connection to USH 12. Do not open until completing the following work: concrete pavement, concrete curb & gutter, HMA pavement, storm sewer, water main, sanitary sewer, curb ramps, sidewalk, underground signal work and any other work necessary to reopen the road.

If the contractor fails to complete the work necessary to reopen the intersection within 28 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 28 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.14 Interim Completion and Liquidated Damages – W Hiawatha Dr, 28 Consecutive Calendar Days (Stage 4)

Complete construction operations for USH 12 at W Hiawatha Dr within 28 consecutive calendar day period. Once contractor closes W Hiawatha Dr, the 28-calendar day window begins. Traffic on USH 12 shall remain open, and W Hiawatha Dr traffic will utilize alternate connection to USH 12. Do not open until completing the following work: concrete pavement, concrete curb & gutter, HMA pavement, storm sewer, water main, sanitary sewer, curb ramps, sidewalk, underground signal work and any other work necessary to reopen the road.

If the contractor fails to complete the work necessary to reopen the intersection within 28 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 28 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.15 Interim Completion and Liquidated Damages – Newsom Ln, 28 Consecutive Calendar Days (Stage 4B)

Complete construction operations for USH 12 at Newsom Ln within 28 consecutive calendar day period. Once contractor closes Newsom Ln, the 28-calendar day window begins. Traffic on USH 12 shall remain open, and Newsom Ln traffic will utilize alternate connection to USH 12. Do not open until completing the following work: concrete pavement, concrete curb & gutter, HMA pavement, storm sewer, water main, sanitary sewer, curb ramps, sidewalk, underground signal work and any other work necessary to reopen the road.

If the contractor fails to complete the work necessary to reopen the intersection within 28 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 28 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.16 Interim Completion and Liquidated Damages – Shady Lane, 28 Consecutive Calendar Days (Stage 4)

Complete construction operations for USH 12 at Shady Ln within 28 consecutive calendar day period. Once contractor closes Shady Lane, the 28-calendar day window begins. Traffic on USH 12 shall remain open, and Shady Lane traffic will utilize alternate connection to USH 12. Do not open until completing the following work: concrete pavement, concrete curb & gutter, HMA pavement, storm sewer, water main, sanitary sewer, curb ramps, sidewalk, underground signal work and any other work necessary to reopen the road.

If the contractor fails to complete the work necessary to reopen the intersection within 28 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 28 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.17 Interim Completion and Liquidated Damages – December 1, 2028 (Stage 5)

Complete all work necessary to shift USH 12 traffic to their respective locations, including turn lanes and TWLTL, as shown in the Stage 6 plans or complete all work in Stage 5 by December 1, 2028.

If the contractor fails to complete all work necessary to shift traffic to their respective locations as shown in the Stage 6 plans or complete all work in Stage 5 by December 1, 2028, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 12:01 AM on December 2, 2028. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

If contract time expires prior to completing all work specified in the contract, additional liquidated damages will be affixed according to standard spec 108.11.

C.2.18 Enhanced Final Liquidated Damages

Replace standard spec 108.11 paragraph (3) as follows:

The department will assess \$10,000 in daily liquidated damages. These liquidated damages reflect the cost of engineering, supervision, and a portion of road user costs.

D Construction Staging

Conform the schedule of operations to the construction staging as shown in the traffic control plans and as described herein unless modifications to the schedule are approved in writing by the engineer.

The department anticipates that the schedule for each stage is as follows:

Pre-Stage Construction:

- Construct temporary pavement areas at intersections of USH 12 with CTH A, DellShire Dr, and STH 13. Contractor shall construct temporary pavement in median of USH 12 separate from median on CTH A to provide ample spacing for pedestrians during this construction.
- Temporary pedestrian accommodations shall be provided around the construction of temporary pavement at the intersections of USH 12 with CTH A and STH 13 and then realigned to follow the existing crosswalk markings.
- Temporary traffic signals shall be installed at the intersections of USH 12 with CTH A, DellShire Drive and STH 13 as temporary pavement will be installed in locations of existing signal poles.

Stage1 Construction:

- E Adams St to Pilgrim Drive – No construction activity.
- Pilgrim Drive to STH 13
 - Construct northbound lanes, portions of median or TWLTL and sidewalk.
 - Construct retaining walls R-56-0043, R-56-0044, R-56-0048 and sign structure S-56-0031.
 - Milling of existing asphalt and temporary pavement to blend proposed northbound lanes to existing southbound lanes to open for Post-Stage 1. Traffic may be shifted to newly constructed northbound lanes to complete the milling and temporary pavement that occurs in the existing southbound lanes.

- Temporary pedestrian accommodations shall be provided at USH 12 with Olympus Dr, USH 12 with CTH A, along USH 12 from CTH A to STH 13 and USH 12 with STH 13.
- Temporary RRFB shall be installed at USH 12 with Olympus Dr.
- Temporary traffic signals shall be operational for USH 12 with CTH A, DellShire Drive and STH 13.

Post-Stage 1 Construction:

- All lanes open to traffic. Work and lane closures only allowed under peak season hours as specified above in this article and in the Traffic article of these special provisions.
- Carryover work from Stage 1 that can be completed under single lane closure: street lighting, concrete terraces and retaining wall R-56-0045.
- Cold patching as needed for maintenance of existing pavement.
- Temporary traffic signals shall be installed and operational at the intersections of USH 12 with Olympus Dr.
- Temporary traffic signals shall be operational and aligned for new configuration of USH 12 with CTH A, DellShire Drive and STH 13.

Stage 2 Construction:

- E Adams Street to Pilgrim Drive
 - Install sanitary sewer and storm sewer in northbound lanes.
 - Contractor may begin construction of Stage 3 landscaping walls and retaining walls.
- Pilgrim Drive to STH 13
 - Construct southbound lanes, portions of median or TWLTL and sidewalk/path.
 - Construct retaining walls R-56-0045, R-56-0046 & R-56-0047
- STH 13 (west leg of USH 12 intersection)
 - Construct median modifications of STH 13
- Temporary pedestrian accommodations shall be provided for USH 12 with Bonanza PHB, USH 12 with CTH A, DellShire Drive and STH 13.
- Temporary RRFB shall be installed at USH 12 with Olympus Dr.
- Temporary traffic signals shall be operational and aligned for new configuration of USH 12 with CTH A, DellShire Drive and STH 13.
- Turn on permanent signal on USH 12 with Olympus Dr before the conclusion of Stage 2B.

Stage 3 Construction:

- E Adams Street to Pilgrim Drive
 - Construct northbound lanes, sidewalk and portions of TWLTL.
 - Construct retaining walls R-56-0038, R-56-0039, R-56-0041, L01, L02, L03, L04 and L05
 - Milling of existing asphalt and temporary pavement to blend proposed northbound lanes to existing southbound lanes to open for Post-Stage 3. Traffic may be shifted to newly constructed northbound lanes to complete the milling and temporary pavement that occurs in the existing southbound lanes.
 - Temporary pedestrian accommodations shall be provided for USH 12 with E Hiawatha Drive, USH 12 with E Lake Avenue, detour for closure of E Hiawatha Drive and E Lake Avenue, and USH 12 with Pilgrim Drive.
 - Temporary traffic signals shall be operational and aligned for new configuration of USH 12 with Lake Avenue.
- Pilgrim Drive to STH 13
 - Construct remaining portions of TWLTL and median
 - Turn on permanent signals on USH 12 with Bonanza PHB, CTH A, DellShire Drive and STH 13 before the conclusion of Stage 3A. Signals should be operational prior to opening all lanes of USH 12 traffic by April 28, 2028.

Post-Stage 3 Construction:

- All lanes open to traffic. Work and lane closures only allowed under peak season hours as specified above in this article and in the Traffic article of these special provisions.

- Carryover work from Stage 3 that can be completed under single lane closure: street lighting and concrete terraces.
- Cold patching as needed for maintenance of existing pavement.
- Temporary traffic signals shall be operational and aligned for new configuration of USH 12 with Lake Avenue.

Stage 4 Construction:

- E Adams St to Olympus Dr
 - Construct southbound lanes and sidewalk.
- Olympus Dr to STH 13
 - No construction activity. Lanes open as shown in traffic control plans.
- Temporary pedestrian accommodations shall be provided for USH 12 with Newsom Lane, USH 12 with W Hiawatha Drive, USH 12 with W Lake Avenue, and USH 12 with Ridgewood Street.
- Temporary traffic signal shall be operational and aligned for new configuration of USH 12 with Lake Avenue.

Stage 5 Construction:

- E Adams St to Olympus Dr
 - Construct remaining TWLTL and median.
 - Turn on signals on USH 12 with Newsom PHB, Hiawatha PHB and Lake Ave.

Stage 6 Construction:

- Finishing roadway items, street lighting, concrete terraces and clean-up under single lane closures.

E Fish Spawning

There shall be no instream disturbance of Hulbert Creek at Station 734+50 as a result of construction activity under or for this contract, from March 1st to June 15th both dates inclusive, in order to avoid adverse impacts to fish spawning. The contractor will be required to access the box culvert on foot and use hand tools for concrete repairs.

Any change to this limitation will require submitting a written request by the contractor to the engineer, subsequent review and concurrence by the Department of Natural Resources in the request, and final approval by the engineer. The approval will include all conditions to the request as mutually agreed upon by WisDOT and DNR.

F Protection of Endangered Bats

Federally protected bats have the potential to inhabit the project limits because they roost in trees, bridges, culverts, and other structures. 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.

Tree Clearing

To avoid adverse impacts upon protected bats, no tree clearing is allowed between April 15 and October 31, both dates inclusive. If the required tree clearing is not completed by April 14, the department will suspend all tree clearing and associated work directly impacted by clearing.

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

Due to potential for erosion, do not perform grubbing operations at the time of tree clearing unless grading activities will commence in those areas immediately following the tree clearing, or as otherwise approved by

the engineer. Provide information for the grubbing and grading activities, including the schedule of operations, in the Erosion Control Implementation Plan (ECIP).

Submit a schedule and description of clearing operations with the ECIP 14 days prior to any clearing operations. The department will determine, based on schedule and scope of work, what additional erosion control measures shall be implemented prior to the start of clearing operations, and list those additional measures in the ECIP.

G Rusty Patched Bumble Bee (*Bombus affinis*)

The rusty patched bumble bee (*Bombus affinis*) was listed as endangered by the U.S. Fish and Wildlife Service (USFWS) under the Endangered Species Act, effective March 21, 2017. Project activities cannot harass, harm or kill rusty patched bumble bees, additional coordination and an incidental take statement would be required from USFWS prior to proceeding with any activities that have potential to adversely affect the Rusty Patched Bumble Bee. Construction activities such as grading outside the mowed shoulder area have the potential to impact ground nests and wildflowers that may serve as a food source for the bee. If an active rusty-patched bumblebee nest is encountered in construction areas, contact the WisDOT Regional Environmental Coordinator, who will coordinate with USFWS.

Locations along project include Sta. 702+10 to 702+60, RT and Sta. 731+60 to 735+50, LT.

The contractor shall avoid borrow-waste activities in unmaintained right of way within the High Potential Zone (HPZ) for the RPBB and shall remove potential foraging habitat (flowering forbs) in grading areas prior to the RPBB active season (April 10th to October 10th) by continuous mowing to a height of 6-inches or less.

4. Lane Rental Fee Assessment.

A General

The contract designates some lane closures to perform the work. The contractor will not incur a Lane Rental Fee Assessment for closing lanes during the allowable lane closure times. The contractor will incur a Lane Rental Fee Assessment for each lane closure outside of the allowable lane closure times. If a lane is obstructed at any time due to contractor operations, it is considered a closure. The purpose of lane rental is to enforce compliance of lane restrictions and discourage unnecessary closures.

The allowable lane closure times are shown in the Traffic article.

Submit the dates of the proposed lane, ramp, and roadway restrictions to the engineer as part of the progress schedule.

Coordinate lane, ramp, and roadway closures with any concurrent operations on adjacent roadways within 3 miles of the project. If other projects are in the vicinity of this project, coordinate lane closures to run concurrent with lane closures on adjacent projects when possible. When lane closures on adjacent projects extend into the limits of this project, Lane Rental Fee Assessments will only occur if the closure facilitates work under this contract.

B Lane Rental Fee Assessment

The Lane Rental Fee Assessment incurred for each lane closure, each ramp closure, and each full closure of a roadway, per direction of travel, is as follows:

- Lane/Full Closure Extending into Peak Hours - \$5,000 per lane, per direction of travel, per hour broken into 15-minute increments

The Lane Rental Fee Assessment represents a portion of the cost of the interference and inconvenience to the road users for each closure. All lane, roadway, or ramp closure event increments 15 minutes and less will be assessed as a 15-minute increment.

The engineer, or designated representative, will be the sole authority in determining time period length for the Lane Rental Fee Assessment.

Lane Rental Fee Assessments will not be assessed for closures due to crashes, accidents or emergencies not initiated by the contractor.

The department will assess Lane Rental Fee Assessment by the dollar under the administrative item Failing to Open Road to Traffic. The total dollar amount of Lane Rental Fee Assessment will be computed by multiplying the Lane Rental Assessment Rate by the number of 15-minute increments of each lane closure event as described above.

Lane Rental Fee Assessment will be in effect from the time of the Notice to Proceed until the department issues final acceptance. If interim completion time or contract time expires before the completion of specified work in the contract, additional liquidated damages will be assessed as specified in standard spec 108.11 or as specified within this contract.

stp-108-070 (20161130)

5. Traffic.

A General

Complete all work as shown in the traffic control plans. All variations from the traffic control plans shall be approved by the engineer in writing at least 3 days prior to any changes. Before starting work, supply the name and telephone number of a local contact person to the engineer for traffic control repairs.

All detour signing shall be placed and operating prior to detouring USH 12 traffic. Install Programmable changeable message signs (PCMS) 7 days prior to the start of the detour to alert drivers of upcoming traffic changes. Use messaging provided in the plans.

Use additional flaggers, signs and barricades at intersections to direct traffic where necessary or as directed by the engineer.

B Traffic Operations

Pre-Stage Traffic

- USH 12 traffic will be maintained on all lanes except for single lane closures in each direction at CTH A and STH 13.
- STH 13 traffic will be maintained on all existing lanes.
- Local road traffic will be maintained on all existing lanes.

Stage 1 Traffic

- E Adams Street to Pilgrim Drive
 - USH 12 traffic will be maintained on both EB lanes and the inside WB lane.
 - Local road traffic will be maintained on all existing lanes.
- Pilgrim Drive to CTH A
 - EB USH 12 traffic will be maintained on the outside EB lane.
 - WB USH 12 traffic will be detoured.
 - Local road traffic will be maintained on all existing lanes except as specified in the Prosecution and Progress article and this article of these special provisions.
- CTH A to STH 13
 - EB USH 12 traffic will be maintained on outside EB lane.
 - WB USH 12 traffic will be maintained on the inside EB lane.
 - Local road traffic will be maintained on all existing lanes except as specified in the Prosecution and Progress article and this article of these special provisions.
- STH 13 traffic will be maintained on existing lanes with single lane closures in each direction.
- Milling of existing asphalt and temporary pavement to blend proposed USH 12 WB lanes to existing EB lanes to open for Post-Stage 1. USH 12 traffic may be shifted to newly constructed WB lanes to complete the milling and temporary pavement that occurs in the existing EB lanes.

Post-Stage 1 Traffic

- All lanes open to traffic except as specified in the Prosecution and Progress article and this article of these special provisions.

Stage 2 Traffic

- E Adams Street to Shady Lane
 - USH 12 traffic will be maintained on both EB lanes and the inside WB lane.
 - Local road traffic will be maintained on all existing lanes.
- Shady Lane to Pilgrim Drive
 - EB USH 12 traffic will be maintained on outside EB lane.
 - WB USH 12 traffic will be maintained on the inside EB lane.
 - Local road traffic will be maintained on all existing lanes.
- Pilgrim Drive to STH 13 (Stage 2A)
 - EB USH 12 traffic will be maintained on inside WB lane.
 - WB USH 12 traffic will be maintained on the outside WB lane.
 - Local road traffic will be maintained on all existing lanes.
- Pilgrim Drive to Olympus Dr (Stage 2B)

- EB USH 12 traffic will be maintained on outside EB lane.
 - WB USH 12 traffic will be maintained on the outside WB lane.
 - Local road traffic will be maintained on all existing lanes.
- Olympus Dr to STH 13 (Stage 2B)
 - EB USH 12 traffic will be maintained on inside WB lane.
 - WB USH 12 traffic will be maintained on the outside WB lane.
 - Local road traffic will be maintained on all existing lanes.
- STH 13 traffic will be maintained on existing lanes with single lane closures in each direction.

Stage 3 Traffic

- E Adams Street to Olympus Dr (Stage 3)
 - EB USH 12 traffic will be detoured.
 - WB USH 12 traffic will be maintained on the outside EB lane up to Pilgrim Drive and then traffic will cross over to the outside WB lane prior to Olympus Dr.
 - Milling off existing asphalt and temporary pavement to blend proposed USH 12 WB lanes to existing EB lanes to open for Post-Stage 3. USH 12 traffic may be shifted to newly constructed WB lanes to complete the milling and temporary pavement that occurs in the existing EB lanes.
 - Local road traffic will be maintained on all existing lanes except as specified in the Prosecution and Progress article and this article of these special provisions.
- Olympus Dr to STH 13 (Stage 3A)
 - EB USH 12 traffic will be maintained on the outside EB lane.
 - WB USH 12 traffic will be maintained on the outside WB lane.
 - Local road traffic will be maintained on all existing lanes.
- Olympus Dr to STH 13 (Stage 3B)
 - USH 12 traffic will be maintained on all lanes.
 - Local road traffic will be maintained on all existing lanes.
- STH 13 traffic will be maintained on all lanes.

Post-Stage 3 Traffic

- All lanes open to traffic except as specified in the Prosecution and Progress article and this article of these special provisions.

Stage 4 Traffic

- E Adams Street to Newsom Lane (Stage 4A)
 - EB USH 12 traffic will be detoured.
 - WB USH 12 traffic will be maintained on the outside WB lane.
 - Local road traffic will be maintained on all existing lanes except as specified in the Prosecution and Progress article and this article of these special provisions.
- E Adams Street to Newsom Lane (Stage 4B)
 - EB USH 12 traffic will be maintained on the inside WB lane.
 - WB USH 12 traffic will be maintained on the outside WB lane.
 - Local road traffic will be maintained on all existing lanes except as specified in the Prosecution and Progress article and this article of these special provisions.
- Newsom Lane to Olympus Dr (Stage 4)
 - EB USH 12 traffic will be maintained on the inside WB lane and then traffic will cross over from the inside EB lane between Pilgrim Drive and Olympus Dr.
 - WB USH 12 traffic will be maintained on the outside WB lane up to Pilgrim Drive and then all WB lanes will open prior to Olympus Dr.
 - Local road traffic will be maintained on all existing lanes except as specified in the Prosecution and Progress article and this article of these special provisions.
- Olympus Rd to STH 13 (Stage 4)
 - USH 12 traffic will be maintained on all lanes except for the outside EB lane closure just north of Olympus Dr.
 - Local road traffic will be maintained on all existing lanes.
- STH 13 traffic will be maintained on all lanes.

Stage 5 Traffic

- E Adams Street to Olympus Dr
 - EB USH 12 traffic will be maintained on the outside EB lane until just north of Olympus Dr.
 - WB USH 12 traffic will be maintained on the outside WB lane until just north of Olympus Dr.
- Olympus Dr to STH 13
 - USH 12 traffic will be maintained on all lanes except for the EB and WB inside lane closures just north of Olympus Dr.
- Local road traffic will be maintained on all existing lanes.
- STH 13 traffic will be maintained on all lanes.

Stage 6 Traffic

- E Adams Street to Olympus Dr
 - EB USH 12 traffic will be maintained on the inside EB lane until just north of Pilgrim Dr.
 - WB USH 12 traffic will be maintained on all lanes.
- Pilgrim Dr to STH 13
 - USH 12 traffic will be maintained on all lanes
- Local road traffic will be maintained on all existing lanes.
- STH 13 traffic will be maintained on all lanes.

C Lane Closures

Times listed in the tables below include setup and breakdown of any equipment and traffic control devices.

Multiple lane closures and a single sidewalk closure in one direction on USH 12 may be permitted as defined below in this article and as shown in the plans during the non-peak season.

USH 12 Non-Peak Season		
Days of the Week	Hours	Dates
Monday-Sunday	All Day	September 8, 2026 to June 11, 2027
		September 7, 2027 to June 9, 2028
		September 5, 2028 to May 4, 2029

Lane closures on STH 13 may be permitted as defined below in this article and as shown in the plans during the non-peak season.

STH 13 Non-Peak Season		
Days of the Week	Hours	Dates
Monday	6:00 AM - 11:59 PM	September 8, 2026 to June 11, 2027
Tuesday - Thursday	12:00 AM - 11:59 PM	
Friday	12:00 AM - 12:00 PM	
Monday	6:00 AM - 11:59 PM	September 7, 2027 to June 9, 2028
Tuesday - Thursday	12:00 AM - 11:59 PM	
Friday	12:00 AM - 12:00 PM	

Single lane closures in each direction and a single sidewalk closer in one direction on USH 12 may be permitted as defined below in this article and as shown in the plans during the peak season.

USH 12 Peak Season		
Days of the Week	Hours	Dates
Monday	10:00 PM - 11:59 PM	Begin Construction to September 7, 2026
Tuesday - Wednesday	12:00 AM - 6:00 AM 10:00 PM - 11:59 PM	
Thursday	12:00 AM - 6:00 AM	
Monday	10:00 PM - 11:59 PM	June 12, 2027 to September 6, 2027
Tuesday - Wednesday	12:00 AM - 6:00 AM 10:00 PM - 11:59 PM	
Thursday	12:00 AM - 6:00 AM	
Monday	10:00 PM - 11:59 PM	June 10, 2028 to September 4, 2028

Tuesday - Wednesday	12:00 AM - 6:00 AM	
	10:00 PM - 11:59 PM	
Thursday	12:00 AM - 6:00 AM	

Request approval from the engineer for all lane closures according to the requirements of the subsection titled "Wisconsin Lane Closure System Advanced Notification" of this article. Include justification for the lane closure and the anticipated duration in the request. A request does not constitute approval. Terminate single lane closures prior to the end of the Permitted Lane Closure Times. Failure to obtain approval or reopen closed lanes at the required time will be subject to assessments specified under the Lane Rental Fee Assessment article of these special provisions.

D Local Traffic

Local traffic shall always be maintained within the roadway signed as closed to through traffic. The following requirements shall be met unless approved by the engineer in writing:

- Maintain one 11-foot lane as a minimum at all locations open to traffic as shown in the plans.
- Maintain driveway access with existing pavement or, if driveway has been removed, with base aggregate.
- Detour pedestrians for curb ramp and sidewalk replacements as shown in the plans.
- Flaggers shall be used when work operations interfere with live traffic.
- Do not close access to side roads except as allowed per these special provisions and as shown in the plans, unless approved by the engineer.

E Pedestrian Access

Provide temporary pedestrian accommodations as detailed in the plans and included in this article. If the engineer determines that additional accommodations are needed, provide them at locations as directed by the engineer. The temporary crosswalks shall meet the requirements of the Americans with Disabilities Act Accessibility Guidelines (ADAAG) and shall be maintained by the contractor to be free from mud, sand, snow, and other debris.

F Property Access

Maintain access to properties along the project for local residents, businesses, and emergency vehicles. Access to all driveways and parking lots where alternative access is not available shall remain open at all times, except when it is absolutely necessary to close them for underground construction. Concrete curb and gutter, concrete driveway, and concrete sidewalk construction shall be staged to maintain driveway access. Keep business entrances open by partial driveway construction or by closing only one access at a time for properties with multiple driveways.

If a driveway or access must be temporarily closed the contractor shall coordinate with the owner and restore access as quickly as possible. Notify the property owner 2 days prior to impacts to their driveways and access.

G Full Closures

Full closures are allowed on USH 12 as defined in these special provisions. Ensure detour route signs are in place and conflicting signage covered for roadway night closures as indicated in the plans. A total of 6 full closures of USH 12 will be permitted for storm, sanitary and water utility crossing installations. The closures will be allowed from 10 PM to 6 AM, Monday thru Thursday during the non-peak season only.

H Winter Maintenance

Snow may be plowed from the traveled roadway into the work zone by the maintaining authority. The contractor is responsible for any snow removal from the work zone that may be required to continue work operations.

The contractor is responsible for plowing any areas which may need to be cleared of snow or ice to accommodate changes in traffic control and to facilitate construction staging during winter months. The local maintaining authority will not provide snow plowing operations in areas outside of the active traveled lanes.

Re-install or adjust any traffic control devices that may be damaged, removed, or shifted as part of normal winter maintenance operations. Clean and maintain traffic control devices as necessary or directed as a result of winter maintenance operations.

Anticipated locations of traffic control devices are shown in the plans. Review the work zone with the engineer for locations where additional area may be available to maximize lane and shoulder widths over winter months to aid in winter maintenance operations and to maximize snow storage area. Adjust traffic control devices in these areas.

The contractor is responsible for snow and ice removal from any temporary pedestrian accommodation placed within the project.

Snow plowing, ice removal, including any road salt which may be required, maintenance, and cleaning of traffic control devices, and other winter maintenance activities are incidental to other items of work under this contract.

The contractor is expected to complete surveillance following all winter storms to ensure all traffic control devices are in maintained and installed properly.

I 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
Closure type without height, weight, or width restrictions (available width, all lanes in one direction ≥ 16 feet)	MINIMUM NOTIFICATION
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.

6. 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 USH 12 traffic, STH 13, STH 23 and entirely clear the traveled way and shoulders of such portions of the highway of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday and special event periods:

- From 6:00 AM Thursday, July 2, 2026 to 10:00 PM Monday, July 6, 2026 for Independence Day;
- From 6:00 AM Thursday, September 3, 2026 to 6:00 AM Tuesday, September 8, 2026 for Labor Day;
- From 6:00 AM Thursday, July 1, 2027 to 10:00 PM Monday, July 5, 2027 for Independence Day;
- From 6:00 AM Thursday, September 2, 2027 to 6:00 AM Tuesday, September 7, 2027 for Labor Day;
- From 6:00 AM Thursday, June 29, 2028 to 10:00 PM Wednesday, July 5, 2028 for Independence Day;
- From 6:00 AM Thursday, August 31, 2028 to 6:00 AM Tuesday, September 5, 2028 for Labor Day;

Do not haul materials of any kind along or across any portion of the highway carrying USH 12 traffic, STH 13, STH 23, and entirely clear the traveled way and shoulders of such portions of the highway of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday and special event periods:

- From noon Thursday, September 10, 2026 to 8:00 PM Sunday, September 13, 2026 for Wo-Zha-Wa Festival;
- From noon Friday, October 9, 2026 to 6:00 AM Tuesday, October 13, 2026, for Columbus Day;
- From noon Wednesday, November 25, 2026 to 6:00 AM Monday, November 30, 2026 for Thanksgiving;
- From noon Wednesday, December 23, 2026 to 6:00 AM Monday, December 28, 2026 for Christmas;

- From noon Wednesday, December 30, 2026 to 6:00 AM Monday, January 4, 2027 for New Years Day;
- From noon Thursday, May 13, 2027 to 8:00 PM Sunday, May 16, 2027, for Automotion event;
- From noon Friday, May 28, 2027 to 6:00 AM Tuesday, June 1, 2027 for Memorial Day;
- From noon Thursday, September 9, 2027 to 8:00 PM Sunday, September 12, 2027 for Wo-Zha-Wa Festival;
- From noon Friday, October 8, 2027 to 6:00 AM Tuesday, October 12, 2027, for Columbus Day;
- From noon Wednesday, November 24, 2027 to 6:00 AM Monday, November 29, 2027 for Thanksgiving;
- From noon Thursday, December 23, 2027 to 6:00 AM Monday, December 27, 2027 for Christmas;
- From noon Thursday, December 30, 2027 to 6:00 AM Monday, January 3, 2028 for New Years Day;
- From noon Thursday, May 18, 2028 to 8:00 PM Sunday, May 21, 2028, for Automotion event.
- From noon Friday, May 26, 2028 to 6:00 AM Tuesday, May 30, 2028 for Memorial Day;
- From noon Thursday, September 7, 2028 to 8:00 PM Sunday, September 10, 2028 for Wo-Zha-Wa Festival;
- From noon Friday, October 6, 2028 to 6:00 AM Tuesday, October 10, 2028, for Columbus Day;
- From noon Wednesday, November 22, 2028 to 6:00 AM Monday, November 27, 2028 for Thanksgiving;
- From noon Friday, December 22, 2028 to 6:00 AM Tuesday, December 26, 2028 for Christmas;
- From noon Friday, December 29, 2028 to 6:00 AM Tuesday, January 2, 2029 for New Years Day;

stp-107-005 (20210113)

7. 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

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

Project ID 6130-01-72

The following utilities have facilities within the project area. However, no conflicts have been identified.

Alliant Energy – Electric

Alliant Energy – Gas

City of Wisconsin Dells – Electric

City of Wisconsin Dells – Sewers

City of Wisconsin Dells – Water

Bluebird Fiber f/k/a Everstream - Communication

Frontier - Communication

Project ID 6145-01-72 & 6145-01-82

Alliant Energy – Gas/Petroleum owns underground facilities located along the western curblin of USH 12 throughout the project limits. With crossings at station 655+95, station 657+80, station 661+80, station 664+20, station 669+25, station 670+75, station 676+40, station 677+75. All existing 4" gas main within the project limits will be discontinued in place.

Service crossings at station 655+95, station 657+80, station 661+80, station 664+20, station 669+25, station 670+75, station 676+40, station 677+75 will be discontinued in place and facilities at station 687+55, and Station 687+60 have been discontinued in place.

New 4" gas main will be installed at the following locations:

- Station 654+75, 42' LT to station 687+50, 41' LT
- Station 654+75, 36' RT to station 658+15, 36' RT
- Station 661+75, 30' RT to station 680+75, 43' RT
- Station 680+75 crossing under USH 12

Relocation work will be completed prior to construction, starting in December 2025. It is anticipated to take 80 working days to complete.

Alliant Energy – Electric owns overhead facilities that primarily run along the west side of USH 12 throughout the project which are located on power poles with crossings at station 655+55, station 658+10, station 662+70, station 669+60, station 673+00 LT to station 673+30 RT, station 677+10 LT to Station 676+30 RT, station 686+35 LT to station 686+80 RT, station 688+50 LT to station 688+75 RT.

Underground crossings to be discontinued in place at station 680+25, station 695+45 and station 699+10.

Underground facilities to remain located in an easement along the east side of USH 12 from station 658+10 to station 661+00, in an easement along the east side of USH 12 from station 673+25 to station 684+25, and in the right of way along the west side of USH 12 from station 691+10 to station 696+80.

All existing overhead facilities and power poles associated will be removed. Frontier and Spectrum will need to vacate their facilities on Alliant Energy poles before removal can take place.

New underground facility will be installed at the following locations:

- Station 654+75, 36' RT to station 658+10, 36' RT
- Pilgrim Drive, station 656+05 crossing under USH 12, continue along the south side of Pilgrim Drive
- Station 657+95, 50' RT to station 659+75, 51' LT
- Olympus Road, station 665+00, 70' LT to station 687+50, 59' LT
- Crossing under USH 12 at station 677+45, connect to existing facilities near station 677+45, 48' RT
- Crossing under USH 12 at station 680+55
- Station 680+50 50' RT to station 700+50, 44' RT
- Crossing under USH 12 at station 691+20

Relocation work will be completed prior to construction, starting in January 2026 and is anticipated to take 120 working days to complete.

Frontier Communications of WI LLC – Communication has overhead facilities located on Alliant Energy power poles and Frontier Communications owned poles along the east side of USH 12 throughout the project. There are overhead crossings at station 658+10, station 662+70, station 666+50, station 669+60, station 675+15, and station 695+60.

All existing overhead facilities and Frontier owned poles associated will be removed.

New facilities will be installed underground at the following locations:

- Station 654+75, 36' RT to station 700+50, 44' RT
- Crossing under USH 12 at station 658+13
- Crossing under USH 12 at station 661+55

Relocation work will be completed prior to construction, starting in January 2026. It is anticipated to take 150 working days to complete.

Spectrum – Communication has overhead facilities located on Alliant Energy power poles throughout the project.

Prior to construction, the overhead lines will be removed.

New facilities will be installed underground in a joint trench with Aliant Energy – Electric at the following locations:

- Station 654+75, 36' RT to station 658+10, 36' RT
- Pilgrim Drive, station 656+00 crossing under USH 12, continue along the south side of Pilgrim Drive
- Station 658+20, 50' LT to station 659+70, 50' LT

- Olympus Road, station 665+00, 70' LT to station 677+40, 65' LT

Relocation work will be completed prior to construction, starting in December 2025. It is anticipated to take 120 working days to complete.

Unite Private Networks – Communication has underground facilities along the west side of USH 12 from project start to station 676+25, with crossings at station 657+15 and station 676+25. Existing handhole at station 657+15, 37' LT to remain.

- New 2" duct along USH 12 from station 654+75, 35' RT to station 676+22, 35' RT, then connect into new handhole at station 676+22, 45' RT, with discontinued along west side of USH 12 and crossing near station 676+25.
- New duct crossing under USH 12 at station 657+15, connect to existing handhole at 37' LT, with discontinued crossing at same location.

Relocation work will be completed prior to construction, starting in April 2026. It is anticipated to take 60 working days to complete.

Village of Lake Delton – Sewer has underground sanitary sewer running throughout the project limits. Construct, reconstruct, relocate, adjust, discontinue, and remove sanitary sewer main, laterals, and manholes as shown in the plans and in the bid items for projects 6145-01-82.

Village of Lake Delton – Water has underground water facilities running throughout the project limits. Construct, reconstruct, relocate, adjust, discontinue, and remove water main, valves, laterals, and hydrants as shown in the plans and in the bid items for projects 6145-01-82.

Project ID 6145-01-73 & 6145-01-83

Alliant Energy – Gas/Petroleum owns underground facilities located along the west side of USH 12 from Station 604+98 LT to Station 654+75 LT. Existing gas main facilities will be discontinued in-place from Station 607+10 LT to Station 654+75 LT.

Existing facilities from Station 604+98, 40' LT to Station 607+10, 40' LT and a 4" main crossing at Station 606+60 will be left in-place.

There are eleven underground service crossings throughout the project limits to be discontinued in-place, these are noted on the relocation plan.

There are three underground gas main crossings that will be discontinued, they are located at Station 634+90, Station 643+55, and Station 653+20.

New 4" gas main will be installed at the following locations:

- Station 607+10, 40' LT to Station 609+00, 46' LT – connect to existing gas main at Station 607+10 LT
- Station 609+00, 46' LT to Station 612+30, 36' LT
- Station 612+30, 36' LT to Station 612+30, 30' LT
- Station 612+30, 30' LT to Station 614+50, 30' LT
- Station 614+50, 30' LT to Station 615+75, 43' LT
- Station 615+75, 43' LT to Station 620+50, 43' LT
- Station 617+55 – Crossing under USH 12
- Station 620+50, 43' LT to Station 621+35, 51' LT
- Station 621+35, 51' LT to Station 621+70, 47' LT
- Station 621+45 – Crossing under USH 12
- Station 621+70, 47' LT to Station 625+50, 45' LT
- Station 625+50, 45' LT to Station 626+60, 41' LT
- Station 626+60, 41' LT to Station 631+75, 41' LT
- Station 627+25 – Crossing under USH 12
- Station 631+75 – Crossing under USH 12
- Station 631+75, 28' RT to Station 634+55, 31' RT
- Station 633+30 – Crossing under USH 12
- Station 634+55 – Crossing under USH 12
- Station 634+55, 41' LT to Station 634+85, 41' LT
- Station 634+85, 41' LT to Station 636+50, 40' LT

- Station 636+50, 40' LT to Station 637+27, 40' LT
- Station 637+27, 40' LT to Station 640+15, 41' LT
- Station 640+15, 41' LT to Station 643+10, 41' LT
- Station 643+10, 41' LT to Station 643+50, 46' LT
- Station 643+50 – Crossing under USH 12
- Station 643+50, 46' LT to Station 645+50, 46' LT
- Station 645+50, 46' LT to Station 647+50, 43' LT
- Station 647+50, 43' LT to Station 650+10, 43' LT
- Station 648+80 – Crossing under USH 12
- Station 648+80, 32' RT to Station 650+40, 29' RT
- Station 650+10, 43' LT to Station 650+40, 37' LT
- Station 650+40, 29' RT to Station 653+00, 34' RT
- Station 650+40, 37' LT to Station 653+00, 41' LT
- Station 653+00, 34' RT to Station 654+75, 36' RT
- Station 653+00, 41' LT to Station 654+75, 42' LT

Relocation work will be completed prior to construction, starting in February 2026. It is anticipated to take 80 working days to complete.

Alliant Energy – Electric owns overhead facilities that run along the west side of USH 12 from Station 604+98 LT to 654+75 LT with twelve overhead crossings.

All existing overhead facilities and power poles associated will be removed, with the exception being overhead facilities from Station 604+98 LT to 605+50 LT, these will not be removed or relocated. Frontier and Spectrum will need to vacate their facilities on Alliant Energy poles before pole removal can take place.

Alliant Energy also owns one underground crossing at Station 631+25 that will be discontinued in-place and facilities along W. Hiawatha Rd at Station 635+30 to the west that will be discontinued in-place.

Alliant Energy will relocate overhead facilities to underground, most of the new installs will be in conjunction with Unite Private Networks (UPN) and Spectrum. Alliant will install their own 6" conduit and wire, 2" conduit for UPN, and 3" conduit for Spectrum.

New underground facilities will be installed in conjunction with UPN and Spectrum at the following locations:

- Station 604+98, 41' LT to Station 607+25, 36' LT
- Station 607+25 – Crossing under USH 12
- Station 606+90, 37' RT to Station 615+00, 39' RT
- Station 615+00, 39' RT to Station 616+00, 41' RT
- Station 616+00, 41' RT to Station 617+50, 41' RT
- Station 617+50, 41' RT to Station 621+60, 41' RT
- Station 621+60 – Crossing under USH 12
- Station 621+60, 41' RT to Station 625+00, 41' RT
- Station 625+00, 41' RT to Station 625+10, 35' RT
- Station 625+10, 35' RT to Station 627+00, 35' RT
- Station 627+00, 35' RT to Station 630+00, 33' RT
- Station 630+00, 33' RT to Station 631+25, 28' RT
- Station 636+55, 38' RT to Station 643+25, 36' RT
- Station 643+25, 36' RT to Station 643+55, 62' RT
- Station 644+15, 62' RT to Station 644+65, 31' RT
- Station 644+65, 31' RT to Station 645+85, 31' RT
- Station 645+85, 31' RT to Station 645+90, 36' RT
- Station 645+90, 36' RT to Station 649+00, 36' RT
- Station 649+00, 36' RT to Station 650+25, 31' RT
- Station 650+25, 31' RT to Station 652+25, 31' RT
- Station 652+25, 31' RT to Station 653+00, 36' RT
- Station 653+00, 36' RT to Station 654+75, 38' RT

New underground facilities will be installed by Alliant Energy for their own use at the following locations:

- Station 607+25, 40' LT to Station 608+35, 36' LT
- Station 608+20 – Crossing under USH 12
- Station 613+80, 39' RT to 617+50, 39' RT
- Station 614+15, 41' LT to Station 617+70, 47' LT
- Station 617+50 – Crossing under USH 12
- Station 619+30 – Crossing under USH 12
- Station 626+00 – Crossing under USH 12
- Station 634+90 – Crossing under USH 12
- Station 644+00, 90' LT to Station 644+35, 48' LT
- Station 644+35, 48' LT to Station 645+55, 48' LT
- Station 645+55 – Crossing under USH 12
- Station 650+70 – Crossing under USH 12
- Station 650+70, 47' LT to Station 653+45, 42' LT

Alliant will also install one new secondary pole for a service line at Station 608+35, 36' LT and leave one secondary pole in-place for a service line at Station 613+80, 40' RT.

Relocation work will be completed prior to construction, starting in January 2026. It is anticipated to take 100 working days to complete.

Bluebird Fiber f/k/a Everstream – Communication has underground facilities located along the west side of USH 12 from Station 617+70 LT to Station 644+00 LT.

Existing underground facilities in conflict with proposed sidewalk or roadway widening will be relocated prior to construction. Existing facilities will be relocated at the following locations:

- Station 617+70, 48' LT – Relocate handhole to back of sidewalk.
- Station 621+73, 53' LT – Relocate handhole to back of sidewalk.
- Station 626+44, 45' LT – Relocate handhole to back of sidewalk.
- Station 631+58, 44' LT – Relocate handhole to back of sidewalk.
- Station 640+54, 49' LT – Relocate handhole to back of sidewalk.
- Station 644+02, 57' LT – Relocate handhole to back of sidewalk.
- Station 649+60, 50' LT – Relocate handhole to back of sidewalk.

Relocation work will be completed prior to construction, starting in October 2025. It is anticipated to take 4 working days to complete handhole relocations.

Existing underground facilities in conflict with proposed storm sewer will be adjusted during construction. Bluebird Fiber f/k/a Everstream will provide a watch-dog during storm sewer installation to monitor facility depths and coordinate relocation efforts. Bluebird Fiber f/k/a Everstream will complete facility adjustments within one day of conflicts being identified. Adjustments are needed at the following locations:

- Station 618+20, 43' LT – Vertical adjustment to avoid storm sewer.
- Station 620+82, 44' LT – Vertical adjustment to avoid storm sewer.
- Station 634+97, 43' LT – Vertical adjustment to avoid storm sewer.
- Station 635+21, 43' LT – Vertical adjustment to avoid storm sewer.
- Station 637+34, 42' LT - Vertical adjustment to avoid storm sewer.
- Station 637+77, 42' LT – Vertical adjustment to avoid storm sewer.
- Station 639+90, 43' LT – Vertical adjustment to avoid storm sewer.
- Station 642+00, 42' LT – Vertical adjustment to avoid storm sewer.
- Station 642+57, 43' LT – Vertical adjustment to avoid storm sewer.

Adjustment work will be completed during construction. It is anticipated to take 9 working days to complete vertical adjustments, 1 working day at each location.

Frontier Communications of WI LLC– Communication has overhead facilities located on Alliant Energy owned poles and Frontier owned poles. Facilities are located on the west side of USH 12 on Alliant Energy poles from Station 604+98 LT to 654+75 LT. Facilities are located on the east side of USH 12 on Frontier poles from Station 630+60 RT to Station 654+75 RT. Existing overhead crossings are located at station

630+55, station 637+25 and station 644+10. Prior to construction, the overhead lines and poles will be removed. Facilities will be relocated underground along the west side of USH 12.

Frontier has underground facilities located along the west side and under the south bound lanes of USH 12 from Station 604+98 LT to Station 654+75 LT. These facilities will be discontinued in-place prior to construction.

New facilities will be installed underground at the following locations:

- Station 604+98, 41' LT to Station 608+40, 41' LT
- Station 608+40, 41' LT to Station 608+40, 91' LT
- Station 608+40, 91' LT to Station 610+60, 84' LT
- Station 610+60, 84' LT to Station 612+35, 84' LT
- Station 612+35, 84' LT to Station 612+35, 34' LT
- Station 612+35, 34' LT to Station 613+55, 34' LT
- Station 613+55, 34' LT to Station 613+55, 43' LT
- Station 613+55, 43' LT to Station 617+50, 43' LT
- Station 617+50 – Crossing under USH 12
- Station 617+50, 43' LT to Station 620+50, 43' LT
- Station 620+50, 43' LT to Station 621+60, 54' LT
- Station 621+60, 54' LT to Station 624+00, 48' LT
- Station 624+00, 48' LT to Station 625+50, 42' LT
- Station 625+50 – Crossing under USH 12
- Station 625+50, 42' LT to Station 626+50, 41' LT
- Station 626+50, 41' LT to Station 635+50, 45' LT
- Station 635+50, 45' LT to Station 640+00, 43' LT
- Station 640+00, 43' LT to Station 644+30, 49' LT
- Station 644+30, 49' LT to Station 645+00, 43' LT
- Station 644+25 – Crossing under USH 12
- Station 645+00, 43' LT to Station 653+30, 43' LT
- Station 653+30, 32' RT to Station 654+75, 32' RT

Relocation work will be completed prior to construction, starting in January 2026. It is anticipated to take 150 working days to complete.

Spectrum - Communication has overhead facilities located on power company owned poles. Facilities are located on the west side of USH 12 on Alliant Energy poles from Station 604+98 LT to 654+75 LT. Prior to construction, the overhead lines and poles will be removed. Facilities will be relocated underground in conjunction with Alliant Energy – Electric. Alliant Energy will install the conduit, Spectrum will install/pull cable after conduit is installed.

Spectrum has underground facilities located throughout the project from Station 609+00 to Station 654+75. These facilities will be discontinued in-place prior to construction.

New facilities will be installed underground in conjunction with Alliant Energy at the following locations:

- Station 604+98, 41' LT to Station 607+25, 36' LT
- Station 605+45 – Crossing under USH 12
- Station 607+25 – Crossing under USH 12
- Station 606+90, 37' RT to Station 615+00, 39' RT
- Station 608+20 – Crossing under USH 12
- Station 615+00, 39' RT to Station 616+00, 41' RT
- Station 616+00, 41' RT to Station 617+50, 41' RT
- Station 617+50 – Crossing under USH 12
- Station 617+50, 41' RT to Station 621+60, 41' RT
- Station 619+30 – Crossing under USH 12
- Station 621+60 – Crossing under USH 12
- Station 621+60, 41' RT to Station 625+00, 41' RT
- Station 625+00, 41' RT to Station 625+10, 35' RT

- Station 625+10, 35' RT to Station 627+00, 35' RT
- Station 626+50 – Crossing under USH 12
- Station 627+00, 35' RT to Station 630+00, 33' RT
- Station 630+00, 33' RT to Station 631+25, 28' RT
- Station 631+20 – Crossing under USH 12
- Station 634+85 – Crossing under USH 12
- Station 636+55, 38' RT to Station 643+25, 36' RT
- Station 643+25, 36' RT to Station 643+55, 62' RT
- Station 644+15, 62' RT to Station 644+65, 31' RT
- Station 644+65, 31' RT to Station 645+85, 31' RT
- Station 645+55 – Crossing under USH 12
- Station 645+85, 31' RT to Station 645+90, 36' RT
- Station 645+90, 36' RT to Station 649+00, 36' RT
- Station 648+05 – Crossing under USH 12
- Station 649+00, 36' RT to Station 650+25, 31' RT
- Station 650+25, 31' RT to Station 652+25, 31' RT
- Station 650+70 – Crossing under USH 12
- Station 652+25, 31' RT to Station 653+00, 36' RT
- Station 653+00, 36' RT to Station 654+75, 38' RT

Relocation work will be completed prior to construction, starting on March 01, 2026. It is anticipated to take 120 working days to complete.

Unite Private Networks – Communication has underground facilities located on the west side of USH 12 from Station 604+98 LT to Station 654+75 LT. The existing conduit and fiber facilities will be discontinued in-place before construction starts.

New underground facilities will be installed along the east and west side of USH 12, with most of the install be completed in conjunction with Alliant Energy. Alliant will be installing 2" conduit for Unite Private Networks as they install their own 6" conduit for electrical purposes.

New facilities will be installed in conjunction with Alliant Energy at the following locations:

- Station 604+98, 41' LT to Station 607+25, 36' LT
- Station 607+25 – Crossing under USH 12
- Station 607+25, 37' RT to Station 615+00, 39' RT
- Station 615+00, 39' RT to Station 616+00, 41' RT
- Station 616+00, 41' RT to Station 625+00, 41' RT
- Station 621+60 – Crossing under USH 12
- Station 625+00, 41' RT to Station 625+10, 35' RT
- Station 625+10, 35' RT to Station 627+00, 35' RT
- Station 627+00, 35' RT to Station 630+00, 33' RT
- Station 630+00, 33' RT to Station 631+25, 28' RT
- Station 637+75, 38' RT to Station 643+25, 36' RT
- Station 643+25, 36' RT to Station 643+55, 62' RT
- Station 644+15, 62' RT to Station 644+65, 31' RT
- Station 644+65, 31' RT to Station 645+85, 31' RT
- Station 645+85, 31' RT to Station 645+90, 36' RT
- Station 645+90, 36' RT to Station 649+00, 36' RT
- Station 649+00, 36' RT to Station 650+25, 31' RT
- Station 650+25, 31' RT to Station 652+25, 31' RT
- Station 652+25, 31' RT to Station 653+00, 36' RT
- Station 653+00, 36' RT to Station 654+75, 38' RT

New facilities will be installed by Unite Private Networks at the following locations:

- Station 621+30, 84' LT to Station 621+60, 38' LT – Extension to the west along Newsom Lane.

- Station 631+25, 27' RT to Station 637+75, 27' RT
- Station 637+75 – Crossing under USH 12
- Station 643+55, 62' RT to Station 644+15, 62' RT – Crossing under E Lake Avenue

Relocation work will be completed prior to construction, starting with Alliant Energy conduit installs in January 2026. It is anticipated to take 50 working days for Alliant to complete. Starting in April 2026, Unite Private Networks will begin their work installing/pulling fiber through the conduit installed by Alliant and boring their own conduit at the locations noted above. It is anticipated to take 30 working day to complete.

Village of Lake Delton – Sewer has underground sanitary sewer running throughout the project limits. Construct, reconstruct, relocate, adjust, discontinue, and remove sanitary sewer main, laterals, and manholes as shown in the plans and in the bid items for project 6145-01-83.

Village of Lake Delton – Water has underground water facilities running throughout the project limits. Construct, reconstruct, relocate, adjust, discontinue, and remove water main, valves, laterals, and hydrants as shown in the plans and in the bid items for project 6145-01-84.

Project ID 6145-01-74 & 6145-01-84

Alliant Energy – Electric owns overhead facilities that run along the west side of USH 12 from Station 700+50 LT to 728+75 LT with three overhead crossings. The three crossings are located at Station 700+75 LT to Station 701+25 RT, Station 728+75 LT to Station 729+00 RT, and Station 741+10 along the south side of STH 13.

All existing overhead facilities and power poles associated will be removed, with the exception being the overhead crossing at Station 741+10, this facility will not be removed or relocated. Frontier and Spectrum will need to vacate their facilities on Alliant Energy poles before removal can take place.

Relocation work will be completed prior to construction, starting in November 2025. It is anticipated to take 30 working days to complete.

City of Wisconsin Dells – Sewer has underground sanitary sewer running throughout the project limits. Construct, reconstruct, relocate, adjust, discontinue, and remove sanitary sewer main, laterals, and manholes as shown in the plans and in the bid items for project 6145-01-84.

The City of Wisconsin Dells contact for sanitary sewer work is:

Josh Elftman, Sewer Foreman

Phone: 608-432-1050

Email: jelfmann@dellscitygov.com

City of Wisconsin Dells – Electric has overhead facilities along the west side of USH 12 from Station 700+50 LT to 728+75 LT on Alliant Energy Poles. Facilities continue along the west side of USH 12 on their own poles from Station 728+75 LT to 735+90 LT, there are two crossings over USH 12 from Station 733+75 LT to 735+00 RT and Station 735+90 LT to 737+50 RT, facilities continue along the east side of USH 12 from Station 735+00 RT to Station 741+00 RT.

Existing overhead lines and poles will be removed. Overhead facilities will be relocated underground from Station 701+51 RT to Station 713+68 RT, Station 714+90 RT to Station 741+15 RT, and Station 707+51 LT to Station 741+00 LT.

New underground facilities will be installed at the following locations:

- Station 701+51, 46' RT to Station 705+44, 48' RT
- Station 705+44, 48' RT to Station 709+29, 40' RT
- Station 709+29, 40' RT to Station 712+31, 45' RT
- Station 712+31, 45' RT to Station 713+68, 42' RT – Pedestal installed at 713+68 RT
- Station 715+19, 75' RT to Station 715+75, 48' RT – Start at existing cabinet at 715+19 RT
- Station 715+75, 48' RT to Station 719+80, 44' RT
- Station 719+80, 44' RT to Station 721+50, 49' RT
- Station 721+50, 49' RT to Station 723+52, 47' RT
- Station 723+52, 47' RT to Station 723+62, 50' RT
- Station 723+62, 50' RT to Station 726+49, 50' RT
- Station 726+49, 50' RT to Station 726+60, 57' RT

- Station 726+60, 57' RT to Station 727+65, 49' RT
- Station 728+92, 54' RT to Station 728+92, 65' LT – Crossing under USH 12
- Station 727+65, 49' RT to Station 727+70, 43' RT
- Station 727+70, 43' RT to Station 729+00, 56' RT
- Station 729+00, 56' RT to Station 734+00, 57' RT
- Station 734+00, 57' RT to Station 737+03, 74' RT
- Station 737+03, 74' RT to Station 738+79, 78' RT
- Station 738+79, 78' RT to Station 741+15, 78' RT
- Station 707+67, 62' LT to Station 712+60, 70' LT
- Station 712+60, 70' LT to Station 716+15, 69' LT
- Station 716+15, 69' LT to Station 717+74, 74' LT
- Station 717+74, 74' LT to Station 719+59, 66' LT
- Station 719+59, 66' LT to Station 721+70, 73' LT
- Station 721+70, 73' LT to Station 723+89, 70' LT
- Station 723+89, 70' LT to Station 727+16, 73' LT
- Station 727+16, 73' LT to Station 727+70, 76' LT
- Station 727+70, 76' LT to Station 732+92, 77' LT

Facilities will be joint trenched and bored with Spectrum from Station 700+50 LT to Station 717+00 LT.

Relocation work will be completed prior to construction, starting in September 2025. It is anticipated to take 219 working days to complete.

City of Wisconsin Dells – Water has underground water facilities running throughout the project limits. Construct, reconstruct, relocate, adjust, discontinue, and remove water main, valves, laterals, and hydrants as shown in the plans and in the bid items for project 6145-01-84.

The City of Wisconsin Dells contact for water utility work is:

Scott McClyman, Water Foreman

Phone: 608-844-0085

Email: smcclyman@dellsutility.com

Frontier Communications of WI LLC– Communication has overhead facilities located on power company owned poles and Frontier owned poles. Facilities are located on the west side of USH 12 on Alliant Energy and City of Wisconsin Dells - Electric poles from Station 700+50 LT to Station 733+75 LT. Facilities are located on the east side of USH 12 on Frontier poles from Station 700+50 RT to Station 709+75 RT and Station 719+25 RT to Station 734+75 RT. Facilities are located on the east side of USH 12 on Alliant Energy poles from Station 709+75 RT to Station 719+25 RT. There are overhead crossings located at station 715+10, station 716+35, station 721+55 and station 726+75.

Frontier has underground facilities located along the east and west side of USH 12 from Station 734+47 to Station 740+62.

Prior to construction, the overhead lines and poles will be removed. Underground facilities from Station 734+47 to Station 740+62 on the east and west side of USH 12 will be discontinued in place. New facilities will be installed underground at the following locations:

Station 700+50 RT to 701+31 RT – Frontier will install facilities in their own trench.

- Station 700+50, 46' RT to 701+31, 46' RT

Station 713+68 RT to 715+60 RT – Frontier will install their own facilities under CTH A intersection.

- Station 713+68, 42' RT to Station 715+60, 51' RT

Relocation work will be completed prior to construction, starting in January 2026. It is anticipated to take 150 working days to complete.

Spectrum - Communication has overhead facilities located on Alliant Energy power poles along the west side of USH 12 from Station 700+50 LT to Station 728+75 LT. Overhead facilities are also located on City of Wisconsin Dells – Electric power poles along the west side of USH 12 from Station 728+75 LT to Station 733+75 LT, crossing USH 12 from Station 733+75 LT to Station 735+00 RT, and along the east side from Station 735+00 RT to 741+00 RT.

Prior to construction, the overhead lines will be removed. Underground facilities from Station 734+85 RT to Station 738+95 RT will be discontinued in place. New facilities will be installed underground at the following locations:

Station 701+60 RT to Station 712+31 RT – Joint trench with City of Wisconsin Dells – Electric.

- Station 701+51, 46' RT to Station 705+44, 48' RT
- Station 705+44, 48' RT to Station 709+29, 40' RT
- Station 709+29, 40' RT to Station 712+31, 45' RT
- Station 712+31, 45' RT to Station 712+60, 70' LT – Crossing under USH 12

Station 712+60 LT to Station 727+70 LT – Joint trench with City of Wisconsin Dells – Electric.

- Station 712+60, 70' LT to Station 716+15, 69' LT
- Station 716+15, 69' LT to Station 717+74, 74' LT

Station 738+95 RT to Station 740+10 RT – Spectrum will install facilities in their own trench.

- Station 738+95, 79' RT to Station 740+10, 79' RT

Relocation work will be completed prior to construction, starting in November 2025. It is anticipated to take 120 working days to complete.

No Conflict Anticipated:

Alliant Energy – Gas/Petroleum

8. Work By Others.

Village of Lake Delton Police Department – Flock Cameras

The Village of Lake Delton owns two Flock cameras located at approximately Station 700+50, both LT and RT, adjacent to the existing sidewalk.

Prior to construction, the cameras will be temporarily relocated off the parkway. Once traffic patterns on USH 12 return to normal conditions in Stage 3B, and permanent lighting installation is complete, the Flock cameras will be relocated to their permanent location within the same vicinity as the existing location.

Work prior to construction during Stage 3 or after Stage 3B for relocation of the Flock cameras is estimated to take 1 working day to complete. Exact dates of work will be coordinated with the contractor. Provide a 2-week notice to the Village of Lake Delton Police Department prior to the project construction date to coordinate these activities.

9. Municipality Acceptance of Sanitary Sewer and Water Main Construction.

Project ID 6145-01-82 & ID 6145-01-83

Both the department and the Village of Lake Delton personnel will inspect materials placement of sanitary sewer and water main under this contract. However, construction staking, post-placement testing of the system, and final acceptance of the sanitary sewer and water main construction will be by the Village of Lake Delton designated personnel.

Project ID 6145-01-84

Both the department and the City of Wisconsin Dells personnel will inspect materials placement of sanitary sewer and water main under this contract. However, post-placement testing of the system, and final acceptance of the sanitary sewer and water main construction will be by the City of Wisconsin Dells designated personnel.

10. Referenced Construction Specifications.

Project ID 6145-01-82 & ID 6145-01-83

Construct the work enumerated below conforming to the Village of Lake Delton Standard Sewer and Water Specifications for WisDOT Let Projects, April 2026. If there is a discrepancy or conflict between the referenced specification and the standard specifications regarding contract administration, part 1 of the standard specifications governs.

An emailed electronic copy of the specifications may be obtained from the Village of Lake Delton's Project Representative, Raine Gardner, MSA Professional Services at 608-355-8913 or rgardner@msa-ps.com. A copy of these specifications is also available for viewing during normal business hours at the Village of Lake Delton's Administration Building at 50 Wisconsin Dells Parkway South, Wisconsin 53940. Please call ahead to schedule a time to review them at (608) 254-2558.

Conform to the referenced construction specifications for the following:

Sanitary Sewer Construction
Water Main Construction

Project ID 6145-01-84

Construct the work enumerated below conforming to the City of Wisconsin Dells Standard Sewer Utility and Water Utility Specifications for WisDOT Let Projects, April 2026. If there is a discrepancy or conflict between the referenced specification and the standard specifications regarding contract administration, part 1 of the standard specifications governs.

An emailed electronic copy of the specifications may be obtained from the City of Wisconsin Dells' Project Representative, Brandon Hager, MSA Professional Services at 608-355-8906 or bhager@msa-ps.com.

Conform to the referenced construction specifications for the following:

Sanitary Sewer Construction
Water Main Construction

stp-105-002

11. Wisconsin Department of Natural Resources Safe Drinking Water Loan Program and Wisconsin Department of Natural Resources Clean Water Fund Program for Water Main and Sanitary Sewer Construction.

Construction of City Wisconsin Dells water main, sanitary sewer, and related items under this contract shall comply with the requirements of Wisconsin Department of Natural Resources (WDNR) Safe Drinking Water Loan (SDWL) Program.

Comply with the following requirements:

- Davis-Bacon and Related Acts (DBRA) ☐ If requested, in addition to electronic submittals of weekly payrolls through WisDOT's Civil Rights Compliance System (CRCS), contractor shall provide information according to the WDNR SDWL guidelines, City of Ashland, or their designated representative for contractors and subcontractors engaged in the installation of the water main items listed at the end of this section.
 - a. WDNR Guidelines Davis-Bacon Guide (wisconsin.gov)
- American Iron and Steel certification for materials related to the water main items listed at the end of this section:
 - b. The contractor acknowledges to and for the benefit of the City of Wisconsin Dells (Purchaser) and the State of Wisconsin (State) that it understands the goods and services under this Agreement are being funded with monies made available by the Clean Water State Revolving Fund and or Drinking Water State Revolving Fund that have statutory requirements commonly known as American Iron and Steel; that requires all of the iron and steel products used in the project to be produced in the United States (American Iron and Steel Requirement) including iron and steel products provided by the Contractor pursuant to this Agreement. The contractor hereby represents and warrants to and for the benefit of the Purchaser and the State that (a) the contractor has reviewed and understands the American Iron and Steel Requirement, (b) all of the iron and steel products used in the project will be and/or have been produced in the United States in a manner that complies with the American Iron and Steel Requirement, unless a waiver of the requirement is approved, and (c) the contractor will provide any further verified information, certification or assurance of compliance with this paragraph, or information necessary to support a waiver of the American Iron and Steel Requirement, as may be requested by the Purchaser or the State. Notwithstanding any other provision of this Agreement, any failure to comply with this paragraph by the contractor shall permit the Purchaser or State to recover as damages against the contractor any loss, expense, or cost (including without limitation attorney's fees) incurred by the Purchaser or State resulting from any such failure (including without limitation any impairment or loss of

funding, whether in whole or in part, from the State or any damages owed to the State by the Purchaser). While the contractor has no direct contractual privity with the State, as a lender to the Purchaser for the funding of this project, the Purchaser and the contractor agree that the State is a third-party beneficiary and neither this paragraph (nor any other provision of this Agreement to give this paragraph force or effect) shall be amended or waived without the prior written consent of the State.

[American iron and steel || Wisconsin DNR](#)

[WI UAIS De-Minimis Tracking Wrksht.xlsx](#)

- Project sign related to DNR SDWL compliance as described elsewhere in these special provisions.

Compliance with these requirements will apply to the following water main bid items:

ITEM NUMBER	ITEM DESCRIPTION	UNITS
SPV.0035.007	CWD Rock Excavation Sanitary Sewer	CY
SPV.0035.008	CWD Abandon Existing Sanitary Sewer, CLSM	CY
SPV.0035.009	CWD Rock Excavation Water Main	CY
SPV.0060.071	CWD Construction Staking Sanitary Sewer	EACH
SPV.0060.072	CWD Construction Staking Water Main	EACH
SPV.0060.073	CWD Abandon Existing Sanitary Manhole	EACH
SPV.0060.074	CWD Abandon Existing Sanitary Sewer	EACH
SPV.0060.075	CWD Sanitary Sewer Manhole	EACH
SPV.0060.076	CWD Sanitary Sewer Manhole, Outside Drop	EACH
SPV.0060.077	CWD Adjust Existing Sanitary Manhole	EACH
SPV.0060.078	CWD Connect To Existing Sanitary Sewer Manhole	EACH
SPV.0060.079	CWD Connect To Existing Sanitary Sewer	EACH
SPV.0060.080	CWD Sanitary Sewer Wye 8-Inch X 6-Inch W/Tracer Wire & Terminal Box	EACH
SPV.0060.081	CWD Remove Existing Hydrant Assembly	EACH
SPV.0060.082	CWD Remove Existing Valve Box	EACH
SPV.0060.083	CWD Abandon Existing Water Main	EACH
SPV.0060.084	CWD Hydrant	EACH
SPV.0060.085	CWD Valve & Box 12-Inch	EACH
SPV.0060.086	CWD Valve & Box 8-Inch	EACH
SPV.0060.087	CWD Valve & Box 6-Inch	EACH
SPV.0060.088	CWD Cross 12-Inch X 6-Inch X 12-Inch X 12-Inch	EACH
SPV.0060.089	CWD Tee 12-Inch X 12-Inch X 12-Inch	EACH
SPV.0060.090	CWD Tee 12-Inch X 6-Inch X 12-Inch	EACH
SPV.0060.091	CWD Tee 8-Inch X 12-Inch X 8-Inch	EACH
SPV.0060.092	CWD Tee 8-Inch X 8-Inch X 8-Inch	EACH
SPV.0060.093	CWD Tee 8-Inch X 6-Inch X 8-Inch	EACH
SPV.0060.094	CWD Bend 12-Inch	EACH
SPV.0060.095	CWD Bend 8-Inch	EACH
SPV.0060.096	CWD Bend 6-Inch	EACH
SPV.0060.097	CWD Reducer 12-Inch X 8-Inch	EACH
SPV.0060.098	CWD Reducer 12-Inch X 6-Inch	EACH
SPV.0060.099	CWD Plug, 12-Inch	EACH
SPV.0060.101	CWD Connect To Existing Water Main	EACH
SPV.0060.100	CWD Corporation, Curb Stop, Box, & Reconnect 1-Inch	EACH

ITEM NUMBER	ITEM DESCRIPTION	UNITS
SPV.0060.102	CWD Manhole Adjustment Via Mr. Manhole	EACH
SPV.0090.29	CWD Sanitary Sewer C900 Restrained Joint 12-Inch	LF
SPV.0090.030	CWD Sanitary Sewer Pvc 10-Inch	LF
SPV.0090.031	CWD Sanitary Sewer Pvc 8-Inch	LF
SPV.0090.032	CWD Sanitary Sewer C900 Restrained Joint 8-Inch	LF
SPV.0090.033	CWD Casing Pipe Rcp 24-Inch	LF
SPV.0090.034	CWD Sanitary Lateral Pvc 6-Inch	LF
SPV.0090.035	CWD Water Main Ductile Iron 12-Inch	LF
SPV.0090.036	CWD Water Main Ductile Iron 8-Inch	LF
SPV.0090.037	CWD Water Main Ductile Iron 6-Inch	LF
SPV.0090.038	CWD Water Main Ductile Iron Restrained Joint 12-Inch	LF
SPV.0090.039	CWD Casing Pipe Rcp 30-Inch (Water Main)	LF
SPV.0090.040	CWD Water Service Copper 1-Inch	LF
SPV.0090.041	CWD Casing Pipe Rcp 30-Inch (Sanitary)	LF
SPV.0165.003	CWD Rigid Insulation, 4-Ft X 8-Ft X 2-Inch	SF
SPV.0195.004	CWD Imported Granular Backfill (For Sanitary Sewer)	TON
SPV.0195.005	CWD Imported Granular Backfill (For Water Main)	TON

Provide proof of compliance to City of Wisconsin Dells personnel or their designated representatives. Compliance is a requirement of acceptance of the water main construction. The contact information for the City of Wisconsin Dells will be designated during the preconstruction meeting.

12. Timely Decision Making Manual.

Use the Timely Decision Making Manual (TDM) on this contract. Coordinate with the department to modify the various published tools as necessary to meet the particular project needs and determine how to implement those tools under the contract. Ensure the full participation of the contractor and its principal subcontractors throughout the term of the contract.

Forms and associated guidance are published in the TDM available at the department's Highway Construction Contract Information (HCCI) web site at:

<https://wisconsindot.gov/rdwy/admin/tdm.docx>

stp-105-005 (20151210)

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

The calculated land disturbance for the project site is 35.385 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/finalsignedwisdotcsgp>

A "Certificate of Permit Coverage" is available from the regional office by contacting Greg Brecka at (608) 516-6524. 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)

14. Erosion Control.

Add to standard spec 107.20 the following:

Erosion control best management practices (BMP's) the plans show are at suggested locations. The actual locations shall be determined by the contractor's ECIP and by the engineer. Include dust control and each dewatering or by-pass (mechanical pumping) operation in the ECIP submittal. The ECIP will supplement information shown on the plans and not reproduce it. The ECIP shall identify how to implement the project's erosion control plan. ECIP shall demonstrate timely and diligently staged operations, continuing all construction operations methodically from the initial removals and topsoil stripping operations through the subsequent grading, paving, re-application of top soil, and restoration of permanent vegetation to minimize the period of exposure to possible erosion.

Provide the ECIP 14 days before the pre-construction conference. Provide 1 copy of the ECIP to the department and 1 copy of the ECIP to the WDNR Liaison Andy Barta, (608) 235-2955, Andrew.barta@wisconsin.gov. Do not implement the ECIP without department approval and perform all work conforming to the approved ECIP.

Maintain Erosion Control BMP's until permanent vegetation is established or until the engineer determines that the BMP is no longer required.

Stockpile excess materials or spoils on upland areas away from wetlands, floodplains, and waterways. Install perimeter silt fence protection around stockpiles, within a timeframe acceptable to the engineer. If stockpiled materials will be left for more than 14 days, install temporary seed and mulch or other temporary erosion control measures the engineer orders within 4 days of the initial stockpile placement. Show the proposed stockpile locations in the ECIP.

Re-apply topsoil on graded areas, as designated by the engineer within a timeframe acceptable to the engineer after grading is completed within those areas. Seed, fertilize, and sod top-soiled areas, as designated by the engineer, within 5 days after placement of topsoil. If graded areas are left not completed and exposed for more than 5 days, seed those areas with temporary seed and mulch within 4 days of the initial disturbance.

Permanently or temporarily restore disturbed wetland areas or stream bank areas adjacent to in-water work within 48-hours of initial disturbance.

Do not allow any excavation for; structures, utilities, grading, maintaining drainage that requires dewatering (mechanical pumping) of water containing sediments (sand, silt, and clay particles) to leave the work site or discharge to a storm water conveyance system without sediment removal treatment.

Before each dewatering operation, submit to the department a separate ECIP amendment describing in words and pictorial format an appropriate BMP for sediment removal conforming to WisDNR Storm Water Construction Technical Standard Code #1061, Dewatering, include reasoning, location, and schedule duration proposed for each operation. Per Code 1061, include all selection criteria: site assessment, dewatering practice selection, calculations, plans, specifications, operations, maintenance, and location of proposed treated water discharge. Provide a stabilized discharge area. If directing discharge towards or into an inlet structure, provide additional inlet protection for back-up protection.

All dewatering, including treatment to remove suspended solids, not covered under bid items is incidental to the contract.

The project team may identify 'sensitive' areas in the field that require additional temporary stabilization to protect resources from being contaminated by sediment laden water discharging from the work site. Any

'release' of sediment-laden water from the work site that enters a wetland or waterway should be reported to the WDNR liaison within 24 hours.

The contractor should restrict the removal of vegetative cover and exposure of bare ground to the minimum amounts necessary to complete construction. Restoration of disturbed soils should take place as soon as conditions permit. If sufficient vegetative cover will not be achieved because of late season construction, the site must be properly winterized. A plan for 'over-wintering' the project or a specific project area should be compiled and submitted to the project staff and WDNR for review in an amendment to the ECIP.

The DOT Select Site process must be adhered to for clean fill or any other material that leaves the work site. The project staff and the WDNR liaison will review all proposed select sites and a site visit may be required. Filling of wetlands, waterways or floodplain is not allowed under the select site process, unless the site owner has proof of required local/state/federal permits. No new impermeable surfaces can be left at a select site (including gravel roads or pads) unless the site owner attains required permits. Contaminated materials leaving the site need to adhere to the Hazardous Material Management Plan.

Construction materials and debris, including fuels, oil, and other liquid substances, will not be stored in the construction area in a manner that would allow them to enter a wetland or waterbody as a result of spillage, natural runoff, or flooding. If a spill of any potential pollutant should occur, it is the responsibility of the permittee to remove such material, to minimize any contamination resulting from this spill, and to immediately notify the State Duty Officer at 1 (800) 943-0003.

When performing all concrete or asphalt sawcutting operations, the slurry shall be collected using squeegees, and actively managed. Prevent deposition of saw cut slurry into wetlands, waterways, drainage courses, and private property. Saw cut slurry must be disposed of at a location approved by WisDOT and DNR.

15. Notice to Contractor – Adjacent Construction Project.

Olympus Dr

The Village of Lake Delton is constructing a new public roadway labeled as "Olympus Dr" that will intersect USH 12. Construction of Olympus Dr will terminate short of USH 12. Stage 2 will begin the pavement connection to USH 12 and will finalize the underground work necessary to activate the new traffic signal upon connection to Olympus Dr.

DellShire Drive

The City of Wisconsin Dells is constructing a new public roadway labeled as "DellShire Drive" that will intersect USH 12. Construction of DellShire Drive will have a temporary connection to USH 12. Stage 2 will begin the permanent connection to USH 12 and will finalize the underground work necessary to activate the new traffic signal upon connection to DellShire Drive.

Operation and maintenance responsibility for the temporary signals at the intersection of USH 12 with DellShire Drive previously installed, will be on the contractor immediately upon the start of work under this contract, or as directed by the engineer.

16. Notice to Contractor, Verification of Asbestos Inspection, No Asbestos Found.

John Roelke, License Number All-119523, inspected Structure C-56-0008 for asbestos on November 1, 2021. No regulated Asbestos Containing Material (RACM) was found on this structure. A copy of the inspection report is available from Anna Jahns at annah.jahns@dot.wi.gov or (608) 785-9961.

17. Notice to Contractor, Electronic Load Tickets.

Replace standard spec 109.1.4.3 (1) with the following:

(1) Submit an electronic ticket for each load of material for the following bid items:

- SPV.0180.001 Concrete Pavement 8-Inch Special
- SPV.0180.002 Concrete Pavement HES 8-Inch Special

Include the information as specified in 109.1.4.2 on each electronic ticket. If there is a failure in the electronic ticket system, provide a printed ticket for each load of material as a substitute for electronic tickets.

stp-107-230 (20250108)

18. Notice to Contractor – Diamond Grinding Concrete Slurry Disposal.

Add the following to standard spec 420.3.4:

An acceptable material disposal site may be one of the following:

- A nonmetallic mining site permitted under WPDES Permit No. WI-0046515-07-2. The site must have a Storm Water Pollution Prevention Plan (SWPPP) that allows for the acceptance and management of the material disposal. The SWPPP must have concurrence from WDNR. If the site does not have the appropriate SWPPP requirements, the landowner/permittee is required to work with the appropriate WDNR WPDES program specialist to amend the SWPPP to accept and manage the material disposal.
- At a licensed landfill if the licensed landfill agrees to accept the material.
- Other sites and alternatives regulated, permitted, and approved by the WDNR for the acceptance of concrete slurry.

The contractor is responsible for all communication with the site owners and operators, including any agreements to accept the material, and ensuring all permitting and SWPPP updates are in place.

19. Archaeological Site.

BSK0050 (Lake Delton Cemetery) site is located approximately Station 626+50 to Station 630+75, LT within the limits shown on the plans.

Notify the Bureau of Technical Services – Environmental Process and Document Section (BTS-EPDS) at (608) 266-0099 at least two weeks before commencement of any ground disturbing activities. BTS-EPDS has determined that a qualified archaeologist will need to be on site during construction of this area.

Do not use the site for borrow or waste disposal. Do not use the site area not currently capped by asphalt/concrete for the staging of personnel, equipment and/or supplies.

stp-107-220 (20180628)

20. 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 hold a meeting one week prior to each traffic staging change. 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)

21. Abandoning Sewer, Item 204.0291.S.

A Description

This special provision describes abandoning existing sewer by filling it with flowable grout as the plans show and conforming to standard spec 204 and standard spec 501 as modified in this special provision.

B Materials

B.1 Cement

Furnish cement meeting the requirements of standard spec 501.2.4.1 for Type I or II Portland Cement or Type IL Portland-Limestone Cement.

B.2 Fly Ash

Furnish Class C or F Fly Ash meeting the requirements of standard spec 501.2.4.2.2.

B.3 Sand

Furnish natural sand meeting the fine aggregate requirements of standard spec 501.2.7.2 and the size requirements of standard spec 501.2.7 except the percent passing the number 200 sieve shall be 0-5 percent by weight.

B.4 Water

Furnish water meeting the requirements of standard spec 501.2.6.

B.5 Mix Design

Use the basic proportions of dry materials per cubic yard of grout as follows:

- Cement 100 pounds
- Fly Ash 400 pounds
- Fine Aggregate 2600 pounds

or an engineer approved equal.

In addition the grout shall conform to the following:

Compressive Strength	ASTM C495	300 psi @ 28 day min
Density	ASTM C495 (no oven drying)	50 pcf min
Shrinkage	ASTM C157	1% by volume
Flow	ASTM C939	35 sec max

Air entraining and chemical admixtures to control fluidity of the grout are allowable. Ten days before placement, furnish to the engineer a design mix detailing all components and their proportions in the mix.

B.6 Cellular Grout

Alternatively, the contractor may use, or if the manufacturer recommends, an engineer-approved commercial cellular concrete grout conforming to the following:

Cement	ASTM C150/ ASTM C595	Type I or II/Type IL
Density	ASTM C495 (no oven drying)	50 pcf min
Compressive Strength	ASTM C495	300 psi @ 28 day min 100 psi in 24 hours
Shrinkage	ASTM C157	1% by volume
Flow	ASTM C939	35 sec max

C Construction

Fill the abandoned sewer pipe with flowable grout as the engineer directs. In the event that the sewer cannot be completely filled from existing manholes, tap the sewer where necessary and fill from these locations.

D Measurement

The department will measure Abandoning Sewer in volume by the cubic yard as specified in standard spec 109.1.3.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
204.0291.S	Abandoning Sewer	CY

Payment is full compensation for furnishing all materials and excavating and backfilling where necessary.
stp-204-050 (20250701)

- 22. Removing Traffic Signals (USH 12 & STH 13/16/23), Item 204.9060.S.01;
Removing Traffic Signals (USH 12 & CTH A), Item 204.9060.1.S.03;
Removing Traffic Signals (USH 12 at Bonanza PHB), Item 204.9060.S.04;
Removing Traffic Signals (USH 12 at Olympus PHB), Item 204.9060.S.05;
Removing Traffic Signals (USH 12 & Lake Ave), Item 204.9060.S.06;
Removing Traffic Signals (USH 12 at Newsom PHB), Item 204.9060.S.08.**

A Description

This special provision describes removing Traffic Signals conforming to standard spec 204 at the intersections of USH 12 & STH 13/16/23, USH 12 & CTH A, USH 12 at Bonanza PHB, USH 12 at Olympus PHB, USH 12 & Lake Ave and USH 12 at Newsom PHB.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Traffic Signals in as each signal unit, removed, disposed of and acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.01	Removing Traffic Signals (USH 12 & STH 13/16/23)	EACH
204.9060.S.03	Removing Traffic Signals (USH 12 & CTH A)	EACH
204.9060.S.04	Removing Traffic Signals (USH 12 at Bonanza PHB)	EACH
204.9060.S.05	Removing Traffic Signals (USH 12 at Olympus PHB)	EACH
204.9060.S.06	Removing Traffic Signals (USH 12 & Lake Ave)	EACH
204.9060.S.08	Removing Traffic Signals (USH 12 at Newsom PHB)	EACH

stp-204-025 (20230113)

- 23. Removing Lighting System, Item 204.9060.S.02.**

A Description

This special provision describes the removal of above and underground existing lighting equipment in accordance to the pertinent provisions of section 204 of the standard specifications and as hereinafter provided.

B (Vacant)

C Construction

The existing equipment removed from service shall become the property of the contractor who shall be responsible for removal from the site and appropriate disposal.

The removal of the lighting system may need to occur in stages to maintain temporary lighting at all times.

Remove all poles per plan from their concrete footings and disassemble out of traffic. Remove and dispose of lighting cabinet, poles, transformer bases, luminaire arms, non-LED luminaires fixtures ballast/ drivers, and wiring/cabling. Dispose of the underground lighting wiring, internal wires off the right of way.

D Measurement

The department will measure Removing Lighting System by each entire system removal, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.02	Removing Lighting System	EACH

Payment is full compensation for removing, disassembling lighting poles, disposing of scrap material, and incidentals necessary to complete the contract work.

stp-204-025 (20230113)

24. Removing Bollard, Item 204.9060.S.09.

A Description

This special provision describes removing steel encased concrete bollards conforming to standard spec 204 and as hereinafter provided.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Bollard by each bollard, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.09	Removing Bollard	EACH

stp-204-025 (20230113)

25. Removing Curb Stops, Item 204.9060.S.10.

A Description

This special provision describes removing concrete curb stops conforming to standard spec 204.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Curb Stops by each curb stop, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.10	Removing Curb Stops	EACH

stp-204-025 (20230113)

26. Removing Lighting Unit, Item 204.9060.S.11.

A Description

This special provision describes removing lighting unit, including concrete base, transformer base, pole and fixture(s) conforming to standard spec 204.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Lighting Unit by each lighting unit, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.11	Removing Lighting Unit	EACH
stp-204-025 (20230113)		

27. Removing Drainage Chamber, Item 204.9060.S.12.

A Description

This special provision describes removing drainage chamber conforming to standard spec 204.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Drainage Chamber by each unit, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.12	Removing Drainage Chamber	EACH
stp-204-025 (20230113)		

28. Removing Trash Receptacle, Item 204.9060.S.13.

A Description

This special provision describes removing trash receptacle conforming to standard spec 204.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Trash Receptacle by each unit, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.13	Removing Trash Receptacle	EACH
stp-204-025 (20230113)		

29. Removing Bench, Item 204.9060.S.14.

A Description

This special provision describes removing bench conforming to standard spec 204.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Bench by each unit, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.14	Removing Bench	EACH

30. Removing Existing Boulder Wall, Item 204.9090.S.02.**A Description**

This special provision describes removing existing boulder wall conforming to standard spec 204.

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

The department will measure Removing Existing Boulder Wall in linear foot, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9090.S.02	Removing Existing Boulder Wall	LF
stp-204-025 (20230113)		

31. Removing Retaining Wall and Railing, Item 204.9090.S.03.**A Description**

This special provision describes removing existing retaining wall and railing conforming to standard spec 204.

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

The department will measure Removing Retaining Wall and Railing in linear foot, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9090.S.03	Removing Retaining Wall and Railing	LF
stp-204-025 (20230113)		

32. Removing Existing Block Retaining Wall, Item 204.9090.S.04.**A Description**

This special provision describes removing existing block retaining wall conforming to standard spec 204.

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

The department will measure Removing Existing Block Retaining Wall in linear foot, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9090.S.04	Removing Existing Block Retaining Wall	LF
stp-204-025 (20230113)		

33. Removing Existing Timber Retaining Wall, Item 204.9090.S.05.

A Description

This special provision describes removing existing stone wall conforming to standard spec 204.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Existing Timber Retaining Wall in linear foot, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9090.S.05	Removing Existing Timber Retaining Wall	LF
stp-204-025 (20230113)		

34. Removing Existing Tie Wall, Item 204.9090.S.06.

A Description

This special provision describes removing existing tie wall conforming to standard spec 204.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Existing Tie Wall in linear foot, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9090.S.06	Removing Existing Tie Wall	LF
stp-204-025 (20230113)		

35. Removing Railing, Item 204.9090.S.07.

A Description

This special provision describes removing existing railing conforming to standard spec 204.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Railing in linear foot, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9090.S.07	Removing Railing	LF
stp-204-025 (20230113)		

36. Removing Decorative Fence and Concrete Pillars, Item 204.9090.S.08.

A Description

This special provision describes removing existing decorative fence and concrete pillars conforming to standard spec 204.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Decorative Fence and Concrete Pillars in linear foot, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9090.S.08	Removing Decorative Fence and Concrete Pillars	LF
stp-204-025 (20230113)		

37. Removing Elevated Concrete Patio and Railing, Item 204.9165.S.01.

A Description

This special provision describes removing elevated concrete patio and railing conforming to standard spec 204.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Elevated Concrete Patio and Railing in square feet, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9165.S.01	Removing Elevated Concrete Patio and Railing	SF
stp-204-025 (20230113)		

38. Coloring Concrete Custom, Item 405.0200.

This special provision describes coloring concrete gray for incorporation full-depth in work constructed under other contract bid items. Conform to standard spec 405 as modified in this special provision.

Replace standard spec 405.2.1.1(1) with the following:

- (1) Integrally color concrete using non-fading pigments conforming to ASTM C979.
 - For gray: use non-fading synthetic iron oxides at a minimum percent loading of 6% percent and a maximum percent loading of 8% by weight of total cementitious material in the mix. Match the concrete color in reasonably close conformance with gray color, which is similar to Federal Standard 595 - FS 24064.

Replace standard spec 405.2.1.1(3) with the following:

- (3) The department will accept the color based on comparison to color samples available for viewing at the eastern crosswalk of STH 13/16/23 (Broadway Street) and Cedar Street located in downtown of the City of Wisconsin Dells.

Add to standard spec 405.3.1.1 with the following:

- (9) Curing compound shall be installed within 24-hours after completing the pour at the manufacturer's recommended application rates. Colored concrete surfaces shall be clean and free of dust, dirt, debris, and any foreign objects.

stp-405-020 (20190618)

39. Concrete Staining R-56-0043, Item 517.1010.S.

A Description

This special provision describes providing a two coat concrete stain on the exposed concrete surfaces of structures as the plans show.

B Materials

B.1 Mortar

Use mortar for sack rubbing the concrete surfaces as given in standard spec 502.3.7.5 or use one of the following products:

Preblended, Packaged Type II Cement:	Tri-Mix by TK Products
	Thoroseal Pearl Gray by Thoro Products

The mortar shall contain one of the following acrylic bonding admixtures mixed and applied according to manufacturer's recommendations:

Acrylic Bonding Admixture:	TK-225 by TK Products
	Achro 60 by Thoro Products
	Achro Set by Master Builders

B.2 Concrete Stain

Use concrete stain manufactured for use on exterior concrete surfaces, consisting of a base coat and a pigmented sealer finish coat. Use the following products, or equal as approved by the department, as part of the two coat finish system:

Tri-Sheen Concrete Surfacers, Smooth by TK Products
Tri-Sheen Acrylic by TK Products
TK-1450 Natural Look Urethane Anti-Graffiti Primers by TK Products
Safe-Cure & Seal EPX by Chem Masters
H&C Concrete Stain Solid Color Water Based by Sherwin-Williams

C Construction

C.1 General

Furnish, prepare, apply, cure, and store all materials according to the product manufacturer's specifications for the type and condition of application required.

Match or exceed the stain manufacturer's minimum recommended curing time of the concrete or 28 days, whichever is greater, before staining.

C.2 Preparation of Concrete Surfaces

Provide a sack rubbed finish as specified in standard spec 502.3.7.5, using mortar as indicated above on concrete surfaces with open voids or honeycombing.

Following the sack rubbing, clean all concrete surfaces that are to be coated to ensure that the surface is free of all laitance, dirt, dust, grease, efflorescence, and any foreign material and that the surface will accept the coating material according to product requirements. As a minimum, clean the surface using a 3000-psi water blast. Hold the nozzle of the water blaster approximately 6 inches from the concrete surface and move it continuously in a sweeping motion. Give special attention to smooth concrete surfaces to produce an acceptable surface texture. Correct any surface problems resulting from the surface preparation methods. Grit blasting of the concrete surface is not allowed.

C.3 Staining Concrete Surfaces

Apply the concrete stain according to the manufacturer's recommendations.

Apply the concrete stain when the temperature of the concrete surface is 45° F or higher, or as given by the manufacturer.

The color of the stain shall be as given on the plan. Tint the base coat to match the finish coat; the two coats shall be compatible with each other.

Do not begin staining the structure until earthwork operations are completed to a point where this work can begin without receiving damage. Where this work is adjacent to exposed soil or pavement areas, provide temporary covering protection from overspray or splatter.

C.4 Test Areas

Before applying stain to the structure, apply the stain to sample panels measuring a minimum of 48 inches x 48 inches and constructed to demonstrate workmanship in the use of the form liner specified on the structure if applicable. Match or exceed the stain manufacturer's minimum recommended curing time of the concrete or 28 days, whichever is greater, before staining. Prepare the concrete surfaces of the sample panels and apply stain using the same materials and in the same manner as proposed for the structure, including staining of the joints between the stones produced by the form liner if applicable. Do not apply stain to the structure until the department approves the test panels.

C.5 Surfaces to be Coated.

Apply concrete stain to the surfaces according to the plan.

D Measurement

The department will measure Concrete Staining R-56-0043 in area by the square foot of surface, acceptably prepared and stained.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
517.1010.S	Concrete Staining R-56-0043	SF

Payment is full compensation for furnishing and applying the two coat system; for preparing the concrete surface; and for preparing the sample panels.

stp-517-110 (20140630)

40. Architectural Surface Treatment R-56-0045, Item 517.1050.S.01; Architectural Surface Treatment R-56-0047, Item 517.1050.S.02.

A Description

This special provision describes providing a concrete masonry architectural surface treatment on the exposed concrete surfaces of structures as the plan details show.

B Materials

Use form liners that attach easily to the forming system, and do not compress more than 1/4 inch when poured at a rate of 10 vertical feet/hour.

Use a release agent that is compatible with the form liner and coloring materials.

Wall ties shall have set "break-backs" at a minimum of 3/4 inches from the finished concrete surface.

C Construction

C.1 Equipment

Equipment and tools necessary for performing all parts of the work shall be satisfactory as to design, capacity, and mechanical condition for the purposes intended. Repair, improve, replace, or supplement all equipment that is not maintained in full working order, or which is proven inadequate to obtain the results prescribed.

C.2 Form Liner Preparation

Clean the form liner before each pour and ensure that it is free of any build-up. Visually inspect each liner for blemishes or tears, and repair if necessary, per manufacturer's recommendations.

Apply form release per manufacturer's recommendations.

C.3 Form Liner Attachment

Place adjacent liners less than 1/4 inch from each other, attach liner securely to forms according to the manufacturer's recommendations, and coordinate wall ties with form liner and form manufacturer, e.g., diameter, size, and frequency.

C.4 Surface Finishing

Ensure that the textured surface is free of laitance; sandblasting is not permitted.

Grind or fill pouring blemishes.

D Measurement

The department will measure Architectural Surface Treatment R-56-0045 and R-56-0047 in area by the square foot of architectural surface, 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
517.1050.S.01	Architectural Surface Treatment R-56-0045	SF
517.1050.S.02	Architectural Surface Treatment R-56-0047	SF

Payment is full compensation for producing the proposed architectural surface treatment including: preparing the foundation; finishing and protecting the surface treatment; and for properly disposing of surplus material.

stp-517-150 (20110615)

41. Concrete Sidewalk 6-inch, Item 602.0415.

Add the following to Standard Specifications 602.3.2.5.2

Transverse joints for the multi-use path (MUP) shall be divided into sections of not less than 8 feet and no more than 12 feet. Traverse joints shall be at an average of 10-foot intervals where applicable. Joints shall be sawed joints. Engineer to determine spacing in field depending on locations.

The multi-use path shall have expansion joint spacing at uniform intervals of not more than 96 foot centers, and shall be provided on each side of driveways. Removable plastic expansion joint cap such as Snap-Cap by W.R. Meadows, Renu-Strip by Deck-O-Seal, VOIDCAP by Superior Profiles (or equivalent) placed at all recessed expansion joints.

Self-Leveling Polyurethane Sealant shall be used at all expansion joints:

Tremco THC 900, Tremco Tremflex SL, Vulkem 45, Sonneborn SL-1 or equal.

For areas where the slope of the slab makes self-leveling material impractical Tremco THC 901, Vulkem 245, Sikaflex 15 or equal may be used.

Color of all sealants shall match selected color for concrete.

Curing compound shall be a liquid membrane-forming clear curing compound conforming to ASTM C1314, type 1.

Costs for this work shall be included in the unit bid for Concrete Sidewalk 6-Inch, item.

42. Concrete Driveway 7-inch, Item 602.0815.

Add the following to Standard Specifications 602.3.2.5.3 Driveway Joints

1. Transverse joints for the multi-use path (MUP) sections shall be sawed.
2. Expansion joints shall be provided on each side of driveways. Removable plastic expansion joint cap such as Snap-Cap by W.R. Meadows, Renu-Strip by Deck-O-Seal, VOIDCAP by Superior Profiles (or equivalent) placed at all recessed expansion joints.
3. Self-Leveling Polyurethane Sealant shall be used at all expansion joints:
 1. Tremco THC 900, Tremco Tremflex SL, Vulkem 45, Sonneborn SL-1 or equal.
 2. For areas where the slope of the slab makes self-leveling material impractical Tremco THC 901, Vulkem 245, Sikaflex 15 or equal may be used.
 3. Color of all sealants shall match selected color for concrete.

Costs for this work shall be included in the unit bid for Concrete Driveway 7-Inch.

43. Fence Safety, Item 616.0700.S.

A Description

This special provision describes providing plastic fence at locations the plans show.

B Materials

Furnish notched conventional metal "T" or "U" shaped fence posts.

Furnish fence fabric meeting the following requirements.

Color:	International orange (UV stabilized)
Roll Height:	4 feet
Mesh Opening:	1 inch min to 3 inch max
Resin/Construction:	High density polyethylene mesh
Tensile Yield:	Avg. 2000 lb per 4 ft. width (ASTM D638)
Ultimate Tensile Strength:	Avg. 3000 lb per 4 ft. width (ASTM D638)
Elongation at Break (%):	Greater than 100% (ASTM D638)
Chemical Resistance:	Inert to most chemicals and acids

C Construction

Drive posts into the ground 12 to 18 inches. Space posts at 7 feet.

Use a minimum of three wire ties to secure the fence at each post. Weave tension wire through the top row of strands to provide a top stringer that prevents sagging.

Overlap two rolls at a post and secure with wire ties.

D Measurement

The department will measure Fence Safety by the linear foot along the base of the fence, center-to-center of posts, 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
616.0700.S	Fence Safety	LF

Payment is full compensation for furnishing and installing fence and posts; maintaining the fence and posts in satisfactory condition; and for removing and disposing of fence and posts at project completion.

stp-616-030 (20160607)

44. Field Office Type D, Item 642.5401.

Replace standard spec 642.2.1 (4) with the following:

Provide and maintain suitable interior sanitary facilities conforming to State and local health requirements, in clean and good working condition, provide a weekly cleaning service, and stock with sanitary supplies for the duration of the contract.

Supplement standard spec 642.2.2.1 (4) with the following:

Provide and maintain a plan-paper photocopier with scanner with the following characteristics:

Uses toner, not ink.

Has auto-feed capability.

Can output a PDF of a copied or scanned document.

Replenish paper, toner cartridges, and other supplies before fully expended.

Add standard spec 642.2.2.1 (6) as follows:

(6) Provide a field office having an adjacent hard surface parking facility with a minimum capacity of 16 passenger vehicles.

Replace standard spec 642.2.2.4 with the following:

Under bid item Field Office Type D, furnish a facility with a minimum interior space of 1,500 square feet including a meeting room that is at least 20 feet by 20 feet; furnish indoor sanitary facilities that are housed within, or directly adjacent to, the field office; clean, maintain, and supply the field office and sanitary facilities weekly; and equip with the following:

Ten suitable office desks with drawers and locks.

Ten ergonomically correct office chairs in working condition according to standard spec 642.2.2.1 (5).

Two four-drawer file cabinets.

Two four-shelf bookcases.

Four 2.5 x 5 foot (minimum) tables.

Four 4 x 8 foot (minimum) tables for the meeting room.

Thirty, or more folding chairs.

Add standard spec 642.3 (7) as follows:

(7) Locate the field office to be within 1/2 mile of the project work zone.

Add standard spec 642.5 (4) as follows:

(4) Payment of the field office is full compensation for providing a weekly cleaning service for the field office and sanitary facilities, for providing sanitary supplies as necessary, for replenishing paper, toner cartridges, and other supplies before fully expended, and for maintaining the photocopier/scanner in working order at all times.

45. 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)

46. Street Lighting General.

This section describes providing lighting conforming to standard spec 659 and as hereinafter provided. Additionally, conform to standard specification sections referenced in the applicable special provision (SPV) items, including but not limited to:

651 – General Requirements for Electrical Work

652 – Electrical Conduit

653 – Pull Boxes and Junction Boxes

654 – Bases

655 – Electrical Wiring

656 – Electrical Service

657 – Poles, Arms, Standards, and Bases

All materials furnished by the contractor for lighting installation under this contract are subject to approval by the engineer. Materials and equipment by manufacturers other than those specifically named will not be considered.

Unless otherwise stipulated in the specifications or noted on the drawings, all materials and equipment incorporated in the work shall be new and unused and in complete accordance with the specification requirements.

Materials and/or work not specifically identified as or in a bid item shall be considered incidental to work and shall be included in appropriate bid item(s).

It is the contractor's responsibility to verify the catalog number shown on the plans and specifications and update same before submitting shop drawings. Any catalog number revisions or subsequent material cost increases should be made at no additional cost to the contract whether it is because of a different type or mounting due to project conditions, discontinued catalog numbers or other such issues. In the case of discontinued catalog numbers, the electrical contractor shall bring it to the engineer's attention with the manufacturer's recommended substitution before shop drawings are submitted so that the appropriate equipment can be selected by the engineer.

The contractor shall furnish a complete list and cut sheets/shop drawings of materials to be furnished and used for lighting and electrical. Such list shall include the names and addresses of manufacturers, together with catalog numbers, certificates of compliance, specifications, and other product information requested by the engineer. Bid Items shall be appropriately assembled as an individual submittal. Catalog numbers shall be identified on respective data sheets. The list of cut sheets/shop drawings shall be submitted within 20

calendar days of the award of contract. No materials shall be incorporated into the lighting system prior to written approval of the engineer. Approval does not change the intent of the specifications. The contractor shall not substitute or make changes in material without resubmittal for approval.

Work shall conform to the latest State of Wisconsin Standard Specifications for Highway and Structure Construction ("Standard Specifications"), the latest adopted state of Wisconsin Electrical Code and these special provisions.

Stake the proposed locations of street lighting items 10 days prior to starting work so that the locations of the proposed facilities can be approved by the city. Any field changes regarding the location of the light poles, pull boxes, etc. shall be approved either by the City or by the city's on-site construction management representative.

Request an inspection of the underground wiring upon completion of its installation and a full inspection of the completed installation prior to activation. This request shall be made to the city at least three working days prior to the time of the requested inspection.

As-Built Record Drawings

Upon completion of the project, prepare and as-built plans and deliver one original copy to the City. All changes from the original plan that were built into the project will be noted in red permanent ink upon the original plans. As-built information shall be turned over along with testing results.

47. Lamp, Ballast, LED, Switch Disposal by Contractor, Item 659.5000.S.

A Description

This special provision describes the detachment and packaging of lamps, ballasts, LEDs, and mercury containing switches (e.g., overhead roadway lighting, underdeck bridge, wall packs, pedestrian signals, traffic control stop lights and warning flashers, fluorescent bulbs, and thermostats) removed under this contract for disposal as hazardous materials.

For Lamp, Ballast, LED, Switch Disposal by Contractor, coordinate removal from the work site by the department's hazardous waste disposal vendor. Disposal will be billed to the department by the hazardous waste disposal vendor.

B Materials

Items removed under this contract will be considered the property of the department for waste generator identification. The contractor is responsible for coordinating with the department's hazardous waste vendor for disposal:

<https://wisconsindot.gov/Documents/doing-bus/eng-consultants/cnslt-rsrces/environment/hazwaste-contacts.pdf>

C Construction

C.1 Removal

Arrange for the de-energizing of luminaires after receiving approval from the engineer that the existing luminaires can be removed. Do not remove luminaires that cannot be replaced with proposed LED units and operational within the same workday. The new LED units need to be operational prior to sunset of the same workday.

Detach and remove luminaires and lamps from the existing traffic signal poles or respective structure. Avoid breaking fixtures whenever possible.

Lamps, ballasts, LED, and switches will become property of the department, and will be disposed of in an environmentally sound manner.

C.2 Packaging of Hazardous Materials

Provide a secure, level location removed from the travelled way for storage of the material for disposal.

Pack intact fixtures in the packaging of the new lamps used to replace them, or packaging affording the equivalent protection. Place in full, closed stackable cartons.

Pile cartons no more than four high if palletized and secure cartons with shrink wrap to prevent shifting or falling of the loads. Clearly mark each pallet with the words "Universal Waste Lamps" or "Universal Waste Ballasts", the date, and the number of fixtures on each pallet.

Pack broken fixtures into (min.) 6 mil thick plastic bags and place inside sturdy cardboard boxes or the equivalent. Mark the outer packaging with the term "Broken Fixtures/Lamps", the date and the number of broken fixtures clearly marked on the box.

The hazardous waste vendor will not accept fixtures improperly packaged. The vendor will reject any fixtures not removed as part of a contract pay item or otherwise required under this contract.

Pack ballasts and mercury containing switches in appropriate containers.

C.3 Disposal by Contractor

Complete the lamp and ballast inventory (<https://wisconsin.gov/Documents/doing-bus/eng-consultants/cnslt-rsrcs/environment/dotlampballastinventory.dotx>) and contact the hazardous waste vendor to coordinate pickup and disposal at a location specified by the contractor. Consolidate all pallets and boxes from one project at a single location. Contact the hazardous waste vendor to set up an appointment for pickup. The hazardous waste vendor requires a minimum of one week advance notice to schedule pickup.

D Measurement

The department will measure Lamp, Ballast, LED, Switch Disposal by Contractor as each individual unit removed and received by the hazardous waste vendor, properly packaged and acceptably completed, matching the total number of units provided on the inventory form. The department will not measure broken fixtures that exceed a total of 10 percent of all fixtures to be disposed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH

Payment for Lamp, Ballast, LED, Switch Disposal by Contractor is full compensation for detachment, handling, packaging, labeling and scheduling disposal with the hazardous waste vendor; and scrapping and disposal of all other materials.

stp-659-500 (20220628)

48. Traffic Signal Face 3S 12-Inch, Item 658.0173; Traffic Signal Face 4S 12-Inch, Item 658.0174.

A Description

This work shall be in accordance to the requirements of standard specification 658, except as hereinafter amended.

Replace standard specification 658.2 (3) as follows:

(3) For traffic signal faces: furnish signal housings, visors, LED modules, retroreflective backplates, and cut away or tunnel type visors as the plans show. Retroreflective backplates shall consist of a 2 inch yellow retroreflective border on the traffic signal backplate. The retroreflective border shall be installed per manufacturer installation instructions, and shall be installed inside of a controlled environment.

49. Temporary Traffic Signals of Intersections (USH 12 & STH 13/16/23), Item 661.0201.01; Temporary Traffic Signals of Intersections (USH 12 & CTH A), Item 661.0201.03; Temporary Traffic Signals of Intersections (USH 12 & Olympus Dr), Item 661.0201.05; Temporary Traffic Signals of Intersections (USH 12 & Lake Ave), Item 661.0201.06.

A Description

This work shall be in accordance with the requirements of standard specification 661, except as hereinafter amended.

Replace standard specification 661.2.1 (1) as follows:

(1) Furnish TS2 Type 1 control cabinet and control equipment. The department will supply, maintain and install a TS2 controller, video detection system and Cellular modem. The cabinet must be equipped with at least three open non- GFI receptacles, SDLC connector and open shelf space to be used by the video

detection processor. The fisheye video detection system will be installed and maintained by the department and placed on the contractor installed poles and span wires. Provide a cabinet with a Corbin #2 door lock and an access door that allows placing the controller in emergency flash. Provide keys to the access door to the engineer and law enforcement agencies as required. Supply a cabinet complete with programmed MMU, load switches, relays and etc. capable of executing the sequence of operations supplied in this contract for this temporary traffic signal. Test traffic signal control cabinets before installation. The department will be responsible for all signal timing changes.

Replace standard specification 661.2.1 (2) as follows:

(2) Furnish a NEMA monitor for the controller. Test the monitor with an automated programmed testing system. Test annually if used for more than one year. This test verifies that the monitor complies with the intersection requirements. Attach a copy of the monitor test report to the monitor and provide a copy to the department.

Eliminate standard specification 661.2.1 (5)

Add the following to standard specification 661.2.1:

(6) Furnish an Accessible Pedestrian Signal (APS) Push Button system including a central control unit and pedestrian push button detection stations for the temporary traffic signals. Furnish APS equipment materials from the WisDOT Electrical QPL, or as approved by the engineer, including the following items:

- APS central control unit per intersection.
- APS push button stations with R 10-3b or R 10-3e series signs
- Any required mounting hardware.

Append paragraph (6) to standard specification 661.3.2.6 as follows:

(6) Cover permanent traffic signal heads as required by traffic control staging plans, or as directed by the engineer, during the term of this contract.

50. Concrete Masonry Parapet and Anchor Slab, Item SPV.0035.001.

A Description

This special provision describes construction of for parapets and anchor slabs.

B Materials

B.1 Concrete

Use concrete conforming to standard spec 504.

B.2 Reinforcing Steel

Use coated reinforcing steel conforming to standard spec 505.

B.3 Waterproofing

Use rubberized membrane waterproofing conforming to standard spec 516.

C Construction

C1 General

Construct parapet and anchor slab confirming to standard spec 504.3

C2 Curing

Cure concrete anchor slabs by the any of the methods specified in standard spec 502.3.8

Cure parapets with pigmented cure and seal conforming to standard spec 502.2.11 and standard spec 502.3.8.2.4. Use a curing method compatible with architectural surface treatments.

D Measurement

The department will measure Concrete Masonry Parapet and Anchor Slab by the cubic yard acceptably completed.

E Payment

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

6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0035.001	Concrete Masonry Parapet and Anchor Slab	CY

Payment is full compensation for materials, including reinforcement; for forms; for placing, including reinforcement; and finishing, curing, protecting and heating.

The department will pay separately for excavation, backfilling, architectural surface treatment and steel railings.

51. Concrete Anchor Slab, Item SPV.0035.002.

A Description

This special provision describes construction of anchor slabs.

B Materials

B.1 Concrete

Use concrete conforming to standard spec 504.

B.2 Reinforcing Steel

Use coated reinforcing steel conforming to standard spec 505.

C Construction

C1 General

Construct anchor slab confirming to standard spec 504.3

C2 Curing

Cure concrete anchor slabs by the any of the methods specified in standard spec 502.3.8

D Measurement

The department will measure Concrete Anchor Slab by the cubic yard acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0035.002	Concrete Anchor Slab	CY

Payment is full compensation for materials, including reinforcement; for forms; for placing, including reinforcement; and finishing, curing, protecting and heating.

The department will pay separately for excavation, backfilling and steel railings.

52. Lightweight Foamed Concrete Fill, Item SPV.0035.003.

A Description

A.1 General

This special provision describes designing, providing and placing Lightweight Foamed Concrete Fill, hereafter referred to as LFCF material, for backfill and embankments at locations designated on the plans.

A.2 Terms

Whenever in this article the following terms are used, the intent and meaning shall be interpreted as follows:

LFCF Manufacturer - The manufacturer of the foam agent used to make LFCF.

LFCF Installer - The subcontractor responsible for batching, and mixing the LFCF onsite, and placing the LFCF in accordance to the contract documents.

Contractor - General contractor as defined in the standard specifications.

B Materials

B.1 General

Furnish materials meeting the following requirements:

Portland Cement and Portland Pozzolan Cement	standard spec 501.2.1
Water	standard spec 501.2.4
Air Entraining Admixtures	standard spec 501.2.2
Water Reducing Admixtures	standard spec 501.2.3
Set Retarding Admixtures	standard spec 501.2.3
Curing Materials	standard spec 502.2.6
Fly Ash	standard spec 501.2.6

Pozzolans and admixtures (for accelerating, water reducing, retaining, improving the bond, etc.) may only be used if specifically designated and approved by the LFCF manufacturer.

B.2 LFCF Material Specifications

The foaming agent from the selected manufacturer will produce a Lightweight Foamed Concrete Fill Material, complying with the specifications in Table 1 below.

Table 1 – LFCF Material Requirements

Property	LFCF	Test Method
Cast Density (after pumping)	36.0 - 40.0 pcf	ASTM C 796
Maximum Dry Density	34.0 pcf	ASTM C 796
Minimum Dry Density	30.0 pcf	ASTM C 796
Unconfined Compressive Strength	20 psi minimum at 24 hours curing 70 psi minimum at 28 days curing	ASTM C 796
Freeze-Thaw Resistance – minimum cycles @ relative E = N/N ≥ 70% per ASTM C666* as modified below	NA Relative Young's Modulus, E ≥ 70% at 100 cycles	ASTM C 666* as modified below
Coefficient of permeability	1 x 10 ⁻⁵ cm/sec 2.0 psi	ASTM D-96

B.3 Modifications to ASTM C 666

The ASTM C666 modifications are as follows:

- The temperature of the center of the specimens does not have to rise from 3°F to 37°F in less than 50% of the thaw cycle. Also the temperature of the center of specimen does not have to drop from 37°F to 3°F in less than 50% of the freeze cycle.
- The freeze-thaw cycle does not have to be completed within the 4-hour maximum time limit. A complete freeze-thaw cycle (3° F to 37°F and 37°F to 3°F including the requirement that it be completed in 50% of the time period) is estimated to last approximately 10 hours.

C Construction

C.1 Submittals

C.1.1 LFCF Placement Plan

Submit a LFCF quality control and placement plan. Place the abutment backfill and embankment in accordance to the information provided in the submitted, accepted plan.

No later than two weeks prior to LFCF placement, submit the plan to the engineer for review and comment. Do not begin LFCF production before the plan has been reviewed and accepted by the engineer. The submitted plan shall provide, as a minimum, the following elements:

1. An organizational chart including names, telephone numbers, current certifications and/or titles, and roles and responsibilities of all those involved with the quality control program.
2. The process of communication by which quality control information will be disseminated to the appropriate persons, including materials suppliers. This shall include a list of recipients, the communication means that will be used, action time frames, and report formats.
3. Materials list of items proposed to be provided under this section.
4. Specifications, catalog cuts, and other engineering data needed to demonstrate compliance with the specified requirements.
5. Proof of LFCF installer's compliance with the requirements in section C2, to include a list of projects with completion date, owner's name and phone number, and contact person.
6. Mix designs for the LFCF, prepared by the LFCF manufacturer or installer, showing compliance with the specified properties.
7. Certification of batch, mixing and placing equipment by the LFCF installer meeting the requirements of section C.3 hereinafter.
8. Written documentation that LFCF installer is certified by and approved by the foam agent manufacturer.
9. LFCF curing procedures

C.1.2 Trial Batch Design and Testing

At least two weeks prior to placement, prepare a trial batch and submit trial batch testing results showing that the proposed LFCF material properties comply with the requirements of this specification. The accepted trial batch mix design and tested properties will become the standard of the material furnished under this contract.

C.1.3 Quality Assurance Samples

At least two weeks prior to placing, submit 10 each 3-inch diameter by 6-inch-high cylinder samples of the as designed and tested LFCF to the department. Cover specimens after casting to prevent loss of moisture. Do not oven dry specimens. At the department's option, the samples may be tested for strength and density in accordance to the requirements of ASTM 495 and ASTM C796 to verify the submitted test results and validate the contractor's testing procedures and quality of the furnished product.

C.2 Personnel Requirements

The Lightweight Foamed Concrete Fill installer, hereafter referred to as the LFCF installer, shall be certified by the manufacturer of the foaming agent and regularly engaged in the production and placement of the Lightweight Foamed Concrete Fill (LFCF). This shall include the completion of lightweight foamed concrete fills having a minimum of 10,000 total cubic yards in the past 5 years. Furthermore, the material shall have been successfully applied on at least three LFCF projects, consisting of mass fills for Federal and State highways, which have performed satisfactorily for at least five years.

The LFCF installer shall be certified and approved in writing by the foam agent manufacturer. The installer's foreman shall have a minimum of 2-years experience in this work and shall have worked on at least one of the three successful LFCF projects.

The LFCF installer shall use adequate numbers of skilled workers who are thoroughly trained and experienced in the necessary crafts and who are familiar with the specified requirements and the methods needed for proper performance of the work noted in this specification.

The foam agent manufacturer's representative (LFCF Manufacturer) shall be experienced in the placement of LFCF and shall be on site full-time during placement.

C.3 Equipment Requirements

The specialized batching, mixing, and placing equipment shall be automated and certified for this purpose by the manufacturer of the LFCF material. Bulk cement shall be weighed on a scale which operates within a tolerance of one half of one percent (0.5%) per batch. Foam shall be added and mixed at the site using the aforementioned equipment. Transit mixers and volumetric batching mixers are not acceptable.

C.4 Required Contractor Testing

The contractor is responsible for conducting acceptance testing and providing test results to the engineer prior to and during the installation of the LFCF.

C.4.1 Cast Density of Field Installed LFCF

Test cast density in accordance to ASTM C 796

1. Prior to placement of the initial batch, the installer shall check the density and adjust the mix as required to obtain the manufacturer's specified cast density at point of placement.
2. At hourly intervals during placement, monitor the density and adjust as necessary to maintain the specified cast density.

C.4.2 Strength Testing

Conduct strength testing in accordance to ASTM C 796 except do not oven dry the test specimens.

1. Furnish a sufficient quantity of molded and cured cylinders measuring 3-inches in diameter by 6-inches high for required strength tests. Provide molds, and a similar curing environment of the LFCF being tested. Prepare cylinders in accordance to ASTM C1064.
2. Provide certified strength test results to the engineer for acceptance. At a minimum, conduct a set of three strength tests at 1, 2, and 28 day intervals for each 500 cubic yards of LFCF placed and a minimum of two sets of four cylinders each per day.

C.5 Laboratory Requirements

Perform the LFCF compressive strength testing at a department qualified laboratory. Information on the Wisconsin Laboratory Qualification Program may be obtained from the Quality Management Section, Wisconsin department of Transportation, Bureau of Highway Construction, Truax Center, 3502 Kinsman Blvd., Madison, WI, 53704; telephone (608) 266-3246; or on the internet at: www.dot.state.wi.us. If approved by the department, the compressive testing may also be conducted at the LFCF manufacturer's facility with test results reported as noted.

C.6 Placement

LFCF shall be a homogeneous mixture and all materials shall be approved prior to use. Prepare the areas to be filled in accordance to standard spec 206.3.8. Remove standing water in the test areas prior to placement of the LFCF. Ensure the LFCF remains above the water table at all times during construction.

Subgrade for LFCF fill will be prepared in accordance to standard spec 211.

Protect material before, during and after installation, and protect the work and materials of other trades. In the event of damage, immediately make replacements and repairs to the acceptance of the engineer at no additional cost to the department.

If the LFCF must be placed in freezing susceptible conditions, consult the manufacturer as to what precautions are necessary to assure installation of an acceptable LFCF. Do not place LFCF at a temperature of less than 32 degrees Fahrenheit, nor when freezing conditions are expected in less than 24 hours, unless precautions are taken to maintain temperatures above freezing. Do not place LFCF on frozen ground or material.

Cure LFCF in accordance to the accepted placement plan. Proportion, mix, and place LFCF only using equipment approved by the manufacturer as indicated in the accepted LFCF placement plan. Once mixed, convey the LFCF concrete promptly to the location of placement without excessive handling.

Place LFCF in lifts not exceeding 24-inches in depth unless greater depths are allowed on the plans.

Scarify each lift before placing the next lift. Scarify each lift to a minimum depth of 12mm ($\frac{1}{2}$ -inch) using a hand rake or other suitable means. When LFCF is used as backfill within MSE wall anchor zones, take special care when scarifying to not disturb the alignment of or physically damage the MSE wall reinforcing strips/mesh. Scarify after sufficient curing time such that foot traffic will not excessively damage the lift surface (no greater than 6 mm ($\frac{1}{4}$ inch) indentation). Remove any loose debris or material as a result of the scarification process by blowing or other suitable means before placing the next LFCF lift.

Allow a minimum of one day (24 hours) between subsequent lifts. Prior to verification of the minimum specified compressive strength by testing, additional lifts may be placed after the one day minimum at the contractor's risk. Any material that does not meet the minimum specified strength within 28 days shall be removed and replaced by the contractor at no additional cost.

Move the discharge hose(s) sufficiently to ensure level filling through the specified fill area. Uneven filling is not permitted.

Limit the area of placement to the volume that can be placed within one hour, up to the maximum 0.61 m (2foot) lift height. Stagger placements such that the vertical joints are at least 3 m (10 feet) apart except at designated vertical slip joints.

Where indicated on the plans, form a vertical slip joint across the entire width of LFCF embankments. The slip joint shall consist of a cold-formed joint in the LFCF, created by placing the LFCF on one side of the joint against a vertical rigid form. After removal of the form, place the LFCF on the opposite side of the joint against the previously placed LFCF with a suitable bond breaker between the placements. Bond breaker shall be plastic sheeting, geotextile fabric, or other means acceptable to the engineer.

The discharge hose length shall not exceed 244 m (800 feet) in length. Place LFCF to the limits and grades shown in the plans with top of the LFCF within + 0.1 foot of the elevations shown on the plans. Slope the top of the LFCF as indicated on the plans to provide drainage and prevent the ponding of water on the top of the LFCF. If not achieved at the time of placement, the top slope can be achieved by cutting, grinding or excavating the cured LFCF using methods approved by the engineer provided this is done in such a manner to leave a reasonably smooth, free draining surface without damaging the integrity of the underlying LFCF that remains.

Paving machines, heavy construction equipment or other unusual loading of the LFCF shall not be permitted until it has attained the specified 28-day compressive strength and the loading is approved by the engineer.

Sawing or ripping of the LFCF for utilities, underdrain or other conflicts will be by methods approved by the engineer. Backfill such cuts and excavations into the LFCF to the original top of LFCF elevation using the same grade of LFCF material that was removed.

C.7 Acceptance

Rectify any LFCF material rejected by the engineer that does not meet the minimum required material properties or is not installed in accordance to this article. Corrective measures are subject to the approval of the engineer. Accepted corrected measures will be performed by the contractor at no additional cost to the department or extension of contract time. This includes removal and replacement of rejected LFCF material not meeting the minimum material requirements or installed in accordance to this article.

D Measurement

The department will measure Lightweight Foamed Concrete Fill by the cubic yard of LFCF material acceptably placed within the limits shown on the plans in accordance to this specification. LFCF material placed outside the limits shown on the plans will not be measured for payment unless authorized in advance of placement by the engineer.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0035.003	Lightweight Foamed Concrete Fill	CY

Payment is full compensation for preparation of written submittals; material testing; coordination and scheduling of LFCF placement; onsite LFCF Manufacturer representative, specialized equipment to mix, transport and place LFCF; providing and erecting forms; bond breakers; and for groundwater control and temporary shoring.

53. VLD Rock Excavation, Item SPV.0035.004; VLD Abandon Ex. Sanitary Sewer and Laterals, Item SPV.0035.005.

A Description

This special provision describes VLD Rock Excavation and VLD Abandon Ex. Sanitary Sewer and Laterals in accordance with the Village of Lake Delton's Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, October 2025.

B (Vacant)

C (Vacant)

D Measurement

The department will measure VLD Rock Excavation and VLD Abandon Ex. Sanitary Sewer and Laterals as a unit price for tonnage of granular trench backfill as acceptably placed and completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0035.004	VLD Rock Excavation	CY
SPV.0035.005	VLD Abandon Ex. Sanitary Sewer and Laterals	CY

Payment is full compensation for all work herein specified in accordance with the Village of Lake Delton's Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, October 2025.

54. **CWD Rock Excavation Sanitary Sewer, Item SPV.0035.007; CWD Abandon Existing Sanitary Sewer, CSLM, Item SPV.0035.008; CWD Rock Excavation Water Main, Item SPV.0035.009.**

A Description

This special provision describes CWD Mobilization, CWD Rock Excavation and CWD Abandon Existing Sanitary Sewer, CSLM in accordance with the City of Wisconsin Dells' Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, October 2025.

B (Vacant)

C (Vacant)

D Measurement

The department will measure CWD Rock Excavation, CWD Abandon Existing Sanitary Sewer, CSLM and CWD Rock Excavation Water Main as a unit price for tonnage of granular trench backfill as acceptably placed and completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0035.007	CWD Rock Excavation Sanitary Sewer	CY
SPV.0035.008	CWD Abandon Existing Sanitary Sewer, CSLM	CY
SPV.0035.009	CWD Rock Excavation Water Main	CY

Payment is full compensation for all work herein specified in accordance with the City of Wisconsin Dells' Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, October 2025.

55. **Concrete Retaining Stair Wall and Footing, Item SPV.0035.010.**

A Description

This special provision describes construction of for retaining stair wall and footing.

B Materials

B.1 Concrete

Use concrete conforming to standard spec 504.

B.2 Reinforcing Steel

Use reinforcing steel conforming to standard spec 505.

C Construction

C1 General

Construct parapet and anchor slab confirming to standard spec 504.3

C2 Curing

Cure concrete retaining stair wall and footing by the any of the methods specified in standard spec 502.3.8.

D Measurement

The department will measure Concrete Retaining Stair Wall and Footing by the cubic yard acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0035.010	Concrete Retaining Stair Wall and Footing	CY

Payment is full compensation for excavation; backfilling; materials, including reinforcement; for forms; for placing, including reinforcement; and finishing, curing, protecting and heating.

The department will pay separately for underdrain, sidewalk/landing, stairs and railings.

56. Storm Sewer Pipe Class III 60-Inch Diameter 45 Degree Elbow, Item SPV.0060.001; Storm Sewer Pipe Class III-A 24-Inch Diameter 45 Degree Elbow, Item SPV.0060.002.

A Description

This special provision describes providing storm sewer pipe reinforced concrete pipe elbow.

B Materials

Furnish materials according to the requirements of standard spec 608.2.

C Construction

Perform work according to the requirements of standard spec 608.3 and the details as shown on the plans.

D Measurement

The department will measure Storm Sewer Pipe Class III 60-Inch Diameter 45 Degree Elbow and Storm Sewer Pipe Class III-A 24-Inch Diameter 45 Degree Elbow by 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.0060.001	Storm Sewer Pipe Class III 60-Inch Diameter 45 Degree Elbow	EACH
SPV.0060.002	Storm Sewer Pipe Class III-A 24-Inch Diameter 45 Degree Elbow	EACH

Payment is full compensation for providing storm sewer, for joint seals; for excavating, except for rock excavation; for providing and removing sheeting and shoring; for constructing the foundation; for backfilling; for cleaning out; and for restoring the site.

57. Double Inlets, Item SPV.0060.003.

A Description

This special provision describes providing inlets as identified on the plans.

B Materials

Furnish materials according to the requirements of standard spec 611 and the details as shown on the plans.

C Construction

Perform work under these items according to the requirements of standard spec 611 and the details as shown on the plans.

D Measurement

The department will measure Double Inlets by 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.0060.003	Double Inlets	EACH

Payment is full compensation for providing materials, including masonry, conduit and sewer connections, and other fittings; for excavating, backfilling, and for cleaning out and restoring the site; except that the department will pay for covers, including frames, grates, and lids separately.

58. Inlet Covers Type SP, Item SPV.0060.004.

A Description

This special provision describes providing inlet covers as identified on the plans.

B Materials

Furnish materials according to the requirements of standard spec 611 and the details as shown on the plans.

Frame and grate shall be Neenah R-3293-2.

C Construction

Perform work under these items according to the requirements of standard spec 611 and the details as shown on the plans.

D Measurement

The department will measure Inlet Covers Type SP by 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.0060.004	Inlet Covers Type SP	EACH

Payment is full compensation for removing and salvaging the existing covers; and for providing new covers, including frames, grates or lids, and other required materials and for installing and adjusting each cover. Old covers removed remain the municipality's property.

59. Storm Sewer Manhole 15-FT X 4-FT, Item SPV.0060.005; Storm Sewer Manhole 7-FT X 3-FT, Item SPV.0060.006.

A Description

This special provision describes providing special manholes as identified on the plans.

B Materials

Furnish materials in accordance with the requirements of Section 611 of the Standard Specifications and the details as shown on the plans.

C Construction

Perform work under these items in accordance with the requirements of Section 611 of the Standard Specifications and the details as shown on the plans.

The contractor shall submit shop drawings of the manhole for review and approval.

D Measurement

The department will measure Storm Sewer Manhole 15-FT X 4-FT and Storm Sewer Manhole 7-FT X 3-FT by 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.0060.005	Storm Sewer Manhole 15-FT X 4-FT	EACH
SPV.0060.006	Storm Sewer Manhole 7-FT X 3-FT	EACH

Payment is full compensation for providing materials, including masonry, conduit and sewer connections, and other fittings; for excavating, backfilling, and for cleaning out and restoring the site; except that the department will pay for covers, including frames, grates, and lids separately.

**60. Temporary Pipe Connection 12-Inch, Item SPV.0060.007;
Temporary Pipe Connection 18-Inch, Item SPV.0060.008;
Temporary Pipe Connection 24-Inch, Item SPV.0060.009;
Temporary Pipe Connection 30-Inch, Item SPV.0060.010.**

A Description

This special provision describes providing a temporary pipe connection between existing storm sewer and proposed storm sewer during staging in accordance with section 612 of the standard specs.

B Materials

Furnish unperforated pipe underdrain and fittings in accordance with section 612.2 of the standard specs.

Furnish concrete for concrete collars in accordance with section 520.2.4.

C Construction

Install temporary pipe connections in accordance with section 612 of the standard specifications.

All elbows and other fittings shall be incidental to the temporary pipe connection.

Connect the temporary pipe connection to the existing and proposed storm sewer using an engineer approved method that is watertight and does not damage the proposed storm sewer pipe.

Remove the temporary pipe connection when it is no longer needed to maintain drainage. Backfill the excavation in accordance with section 204 of the standard specs.

D Measurement

The department will measure Temporary Pipe Connection 12-Inch, Temporary Pipe Connection 18-Inch, Temporary Pipe Connection 24-Inch, and Temporary Pipe Connection 30-Inch by the 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.0060.007	Temporary Pipe Connection 12-Inch	EACH
SPV.0060.008	Temporary Pipe Connection 18-Inch	EACH
SPV.0060.009	Temporary Pipe Connection 24-Inch	EACH
SPV.0060.010	Temporary Pipe Connection 30-Inch	EACH

Payment is full compensation for providing up to 10 feet of pipe, fittings, blocking, bricking and mortar; for all mechanical bands, concrete collars, or other pipe to pipe connections; for connections to existing and proposed storm sewer; for all excavation, compaction, and backfill; for preparing the foundation; for all dewatering; for removing the pipe and backfilling the excavation.

The department will pay for pipes in excess of 10 feet under the 530 or 612 bid items.

**61. Temporary Rectangular Rapid Flashing Beacon System (USH 12 at Olympus Dr),
SPV.0060.011.**

A Description

This special provision describes providing, maintaining, and removing a rectangular rapid flashing beacon system.

B Materials

Furnish a complete RRFB system with multiple assemblies. Each assembly may consist of, but is not limited to, light indications, wireless communication equipment, solar power equipment, aluminum poles,

temporary skid bases, and electrical components (wiring, solid-state circuit boards, etc.). An assembly may include the following items:

Rectangular Rapid Flashing Beacon:

Each RRFB assembly shall satisfy all requirements of Chapter 4L of the 11th Edition of the Manual on Uniform Traffic Control Devices.

Signs:

Signage shall include: R-10-24, S1-1, S16-7L, S16-7R

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

Solar Power Supply:

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

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

Pushbutton:

Furnish freeze-proof ADA compliant pedestrian push buttons made by an approved manufacturer to meet requirements of section 658 of the current WisDOT Standard Specifications.

Aluminum Pole Standard and Pedestal Base:

The supporting structure (pole, breakaway transformer/pedestal base) shall be constructed of anodized aluminum and meet requirements of section 657 of the current WisDOT Standard Specifications.

Temporary Skid Bases:

The temporary skid bases and anchor bolts shall be supplied and installed to meet requirements of section 661 of the current WisDOT Standard Specifications.

Hardware:

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

C Construction

Perform work according to standard specification 661 of the current WisDOT Standard Specifications.

Correct LED outages within 24 hours of the reported outage.

Respond within one hour of notification to provide corrective action to any emergency such as but not limited to knockdowns and controller equipment failures. If equipment becomes damaged or faulty beyond repair, replace it within five working days. To fulfill this requirement, maintain, in stock, sufficient materials and equipment to provide repairs. Replace the RRFB equipment including any poles, beacons, solar systems and control equipment within 5 days.

D Measurement

The department will measure the Temporary Rectangular Rapid Flashing Beacon as each complete RRFB system acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.011	Temporary Rectangular Rapid Flashing Beacon (USH 12 at Olympus DR)	EACH

Payment is full compensation for installing, maintaining, and repairing the complete temporary installation; and for removal. Payment also includes providing replacement equipment.

62. Accessible Pedestrian Signals, Item SPV.0060.012.

A Description

This special provision describes installing accessible pedestrian signals, including a central control unit and pedestrian push button detection stations.

B Materials

Submit a complete list of accessible pedestrian signal (APS) equipment provided under this item.

Furnish materials from the WisDOT Electrical QPL, or as approved by the engineer, as follows:

- APS central control unit per intersection.
- APS push button stations.
- Any required mounting hardware.

For APS push button stations: furnish standard R 10-3b or R 10-3e series sign, including directional arrows.

C Construction

For APS central control unit: provide the control unit, interface panel, and any required cable assemblies to WisDOT SW Region Electrical Field Unit (608-785-9080) at least 30 business days prior to traffic signal turn on. WisDOT EFU will install Central control unit in department-supplied traffic signal control cabinet.

For APS push button stations: provide a 3/4-inch diameter push button mounting hole for wiring purposes in standards or poles. De-burr the holes after sawing and before installing the wire. Use IMSA 50-2 loop lead-in cable to wire the push button to the conductors in the base. Band R 10-3b or R 10-3e series sign directly above each push button.

D Measurement

The department will measure Accessible Pedestrian Signals by each 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.0060.012	Accessible Pedestrian Signals	EACH

Payment is full compensation for supplying APS Central control unit and APS push button stations.

63. Luminaire Utility LED D (Type 4), Item SPV.0060.013.

A Description

This work consists of furnishing and installing LED Type D Luminaire as shown on the plans, as part of new lighting units, and as hereinafter provided.

B Materials

Luminaires shall be on the WisDOT approved product list for Luminaires Utility LED D.

The luminaire shall have a Type 4 distribution.

Lumec catalog number RPM-155W60LED-740-G1-4-UNV-DMG-PH9-TLRD7-GY3.

C Construction

All construction methods shall conform to all recommended factory installation requirements as well as pertinent provisions of section 659 of the standard specifications.

D Measurement

The department will measure, LED Type D Luminaire, by the unit for each luminaire 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.0060.013	LED Type D Luminaire	EACH

Payment is full compensation for providing all materials including LED fixture and all necessary hardware; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the contract work.

64. Luminaire Utility LED A (Type 2), Item SPV.0060.014.

A Description

This work consists of furnishing and installing LED Type A Luminaire as shown on the plans, as part of new lighting units, and as hereinafter provided.

B Materials

Luminaires shall be on the WisDOT approved product list for Luminaires Utility LED D.

The luminaire shall have a Type 2 distribution.

Lumec catalog number RPN-55W20LED-740-G1-R2M-UNV-DMG-PH9-TLRD7-GY3.

C Construction

All construction methods shall conform to all recommended factory installation requirements as well as pertinent provisions of section 659 of the standard specifications.

D Measurement

The department will measure, LED Type A Luminaire, by the unit for each luminaire 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.0060.014	LED Type A Luminaire	EACH

Payment is full compensation for providing all materials including LED fixture and all necessary hardware.

65. 30-FT Decorative Light Pole (Type 5), Item SPV.0060.015.

A Description

This work consists of furnishing and installing the light pole and accessories as shown on the plans and pole mounting detail, as part of new lighting units, and as hereinafter provided.

B Materials

Pole shall be on the WisDOT approved product list for Poles Type 5-Aluminum.

Provide a reinforced aluminum hand hole measuring 4 inches by 6 inches (100 mm by 150 mm) as the plans show. Locate the hand hole 18 inches (450 mm) from the bottom of the pole base to the center of the door. Orient hand hole perpendicular to the roadway and luminaire mounting.

For the hand hole, include an access cover mounted to the pole by two ¼"-20 x ¾" (m6 x 1.00 x 19 mm) hex-head stainless steel bolts.

Provide a grounding lug complete with mounting hardware, as required, inside the pole.

Provide access to the grounding lug from the hand hole. Weld the ground lug directly opposite the hand hole on the inside wall of the pole.

Equip the top of the shaft with a removable, ventilated cap held securely in place by at least 3 ¼" -20 x ¾" (m6 x 1.00 x 19 mm) hex-head stainless steel set screws.

Ensure that all castings are clean, smooth, and with all details well defined and true to pattern.

Attach base plates firmly to the pole shaft by welding or other approved method.

Provide anchor bolts meeting AASHTO standards applicable to the pole type and loading (see SDD 9E 8 for specific pole types).

Provide anchor bolt templates as shown on the standard detail drawings for the concrete base to ensure correct alignment of anchor bolts in foundation (see SDD 9C 11 & 9C 12 for specific base types).

Provide transformer in transformer base, wired from receptacle circuit as shown on the plans. Schneider Electric/Square D cat. no. 750SV1F, transformer, resin encapsulated, single phase, 240x480 VAC primary, 120/240 VAC secondary. Wire per recommended factory installation requirements for 240V primary and 120V secondary wiring to the GFCI pole mounted receptacle. Provide ground wiring from transformer secondary to grounding lug in the pole.

Provide GFCI duplex receptacle with weatherproof while in use cover, mounted 2 ft. above the Luminaire Type A mounting, and as shown in the pole mounting detail. Orient receptacle perpendicular to the roadway and luminaire mounting. Hubbell cat. no. 5362WR, weather resistant GFCI receptacle, industrial specification grade, duplex, 20A, 125V, NEMA 5-20R. Weatherproof cover, Hubbell cat. no. WPB26E, 1-gang, vertical mount, GFCI opening.

Decorative light pole to include mounting of luminaire types D and A, drilling for two (2) luminaires at 180 deg., one at 30 ft. and one at 15 ft.

Luminaire Type D mounted at 32'-6" overall height, on single member mast arm, oriented toward roadway, as shown in the plans and pole mounting detail.

Luminaire Type A mounted at 15'-0" above finished grade, on 6 IN arm (SPV.0060.17), and oriented toward the pedestrian/sidewalk side of the pole. Include provisions for through bolt mounting of arm and luminaire at mid-pole height.

Luminaire mounting and additional accessories noted above as shown on the plans and pole mounting detail.

Valmont model no. 300045806T4E, modified for dual luminaire mounting and GFCI receptacle as described above and shown in the pole mounting detail. Or,

HAPCO drawing no. B88469, modified for dual luminaire mounting and GFCI receptacle as described above and shown in the pole mounting detail.

C Construction

All construction methods shall conform to all recommended factory installation requirements as well as pertinent provisions of section 657, and subsection 657.2.1.4 of the standard specifications.

D Measurement

The department will measure, 30-FT Decorative Light Pole, by the unit for each pole 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.0060.015	30-FT Decorative Light Pole	EACH

Payment is full compensation for providing all materials including pole, transformer base, transformer, receptacle, and all necessary hardware.

66. Relocate Lighting Unit, Item SPV.0060.016.

A Description

This special provision describes relocation of existing light pole, transformer base and fixture.

B (Vacant)

C Construction

Remove existing lighting unit, pole, transformer base and fixture. Protect and store light pole and fixture until pole can be relocated to its finished location upon completion of median improvements.

Construct new concrete base. Serve fixture with schedule 40 PVC electrical conduits conforming to the electrical conduit specified in section 652.

For relocated pole fixture shown on plans furnish new anchor bolts, nuts, and washers conforming to ASTM F 1554, grade 105. Hot-dip zinc coat the entire length of the anchor rods, and the nuts and washers conforming to AASHTO M 232. Thread at least 12 inches (300 mm) of the anchor rod. Use zinc coated nuts manufactured with sufficient allowance to allow nuts to run freely on the threads.

Furnish bar steel reinforcement for concrete base conforming to 505.2.

Furnish grade A, A-FA, A-S, A-T, A-IS, or A-IP concrete conforming to 501.2.

Anchor bolts shall be as recommended by manufacturer, Grade 55 full length hot dipped galvanized. All hardware shall be stainless steel grade 8.

Intercept existing lighting circuit and extend new wiring to new location and reinstall transformer base, pole and lighting unit.

D Measurement

The department will measure Relocate Lighting Unit as each individual unit 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.0060.016	Relocate Lighting Unit	EACH

Payment is full compensation for providing all materials including conduit, bushings, caps or plugs, or both, anchor rods, nuts, washers, grounding electrodes, exothermic welds, copper equipment grounding conductors, and bar steel reinforcement, if required; and for excavating, backfilling, and disposing of surplus materials.

67. Luminaire Arm Member 6-Inch Long, Item SPV.0060.017.

A Description

This work consists of furnishing and installing the luminaire arm member as shown on the plans and pole mounting detail, for Luminaire Type A (SPV.0060.14), and as part of new lighting units, and as hereinafter provided.

B Materials

Luminaire arm member shall be Lumec short reach bracket, series no. RSAR, for 5" to 6" round pole, for mounting on the Decorative Light Pole (SPV.0060.15), and for mounting Luminaire Type A (SPV.0060.14).

C Construction

All construction methods shall conform to all recommended factory installation requirements as well as pertinent provisions of section 657, and subsection 657.2.4.1 of the standard specifications.

D Measurement

The department will measure, Luminaire Arm Member 6-Inch Long, by the unit for each arm 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.0060.017	Luminaire Arm Member 6-Inch	EACH

Payment is full compensation for providing all materials including luminaire arm member and all necessary hardware.

68. Utility Line Opening, Item SPV.0060.18.

A Description

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

B (Vacant)

C Construction

Perform the excavation in such a manner that the utility in question is not damaged and the safety of the workers is not compromised.

Perform the utility line openings (ULOs) as soon as possible and at least 10 days in advance of proposed utility construction to allow any conflicts to be resolved with minimal disruption. Give the engineer a minimum of three working days once utility line opening information is received to review all relevant design information prior to proposed utility construction. Where utilities are within 6 feet of each other at a potential conflict location, only one utility line opening will be called for. In these cases, a single utility line opening will be considered full payment to locate multiple utilities. Utility line openings include a trench up to 10 feet long as measured at the trench bottom, and of any depth required to locate the intended utility.

Approve and coordinate all utility line openings with the engineer. Notify the utility engineers or their agents of this work a minimum of 3 days prior to the work so they may be present when the work is completed.

Replace pavement over utility line opening trenches which are within the staged traffic area as directed by the engineer. Replace pavement and open to traffic within 24 hours of the excavation.

D Measurement

The department will measure Utility Line Opening by 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.0060.18	Utility Line Opening	EACH

Payment is full compensation for the excavation required to expose the utility line; backfilling with existing material removed from the excavation; compacting the backfill; restoring the site; and for cleanup.

Existing pavement, concrete curb, gutter, and sidewalk removals necessary to facilitate utility line openings are not considered part of or paid for under Utility Line Openings but are considered separate and measured and paid for separately as removal items. Pavement replacement material, concrete curb, gutter, and sidewalk items will also be considered separate from Utility Line Openings and will be measured and paid for separately.

69. **VLD Remove Existing Water Manhole and Valve, Item SPV.0060.019;**
VLD Remove Ex. Sanitary Sewer Manhole, Item SPV.0060.020;
VLD 48-Inch Sanitary Manhole, Item SPV.0060.021;
VLD 48-Inch Sanitary Manhole w/External Drop, Complete, Item SPV.0060.022;
VLD Connect to Ex. Sanitary Sewer Pipe, Item SPV.0060.023;
VLD Connect to Ex. Sanitary Sewer Manhole, Item SPV.0060.024;
VLD Adjust Manhole Casting < 6-Inches, Item SPV.0060.025;
VLD Adjust Manhole Casting - 6-Inches to 1-Foot, Item SPV.0060.026;
VLD Adjust Manhole Casting > 1-Foot, Item SPV.0060.027;
VLD Adjust and Waterproof Manhole Casting, Item SPV.0060.028;
VLD Adjust Manhole Casting via Mr. Manhole, Item SPV.0060.029;
VLD Remove Existing Service, Item SPV.0060.030;
VLD Hydrant, Complete, Item SPV.0060.031;
VLD Remove & Salvage Existing Hydrant, Item SPV.0060.032;
VLD Remove & Salvage Existing Valve and Box, Item SPV.0060.033;
VLD Remove & Salvage Existing Curb Stop Box, Item SPV.0060.034;
VLD Adjust Ex. Hydrant, Item SPV.0060.035;
VLD Adjust Ex. Water Valve < 6-Inches, Item SPV.0060.036;
VLD Adjust Ex. Water Valve - 6-Inches to 1-Foot, Item SPV.0060.037;
VLD Adjust Ex. Water Valve > 1-Foot, Item SPV.0060.038;
VLD Adjust Ex. Curb Stop < 6-Inches, Item SPV.0060.039;
VLD Adjust Ex. Curb Stop - 6-Inches to 1-Foot, Item SPV.0060.040;
VLD Adjust Ex. Curb Stop > 1-Foot, Item SPV.0060.041;

VLD 4-Inch Valve and Box, Ductile Iron, Item SPV.0060.042;
 VLD 6-Inch Valve and Box, Ductile Iron, Item SPV.0060.043;
 VLD 8-Inch Valve and Box, Ductile Iron, Item SPV.0060.044;
 VLD 12-Inch Valve and Box, Ductile Iron, Item SPV.0060.045;
 VLD 45-Degree, 4-Inch Bend, Ductile Iron, Item SPV.0060.046;
 VLD 22.5-Degree, 6-Inch Bend, Ductile Iron, Item SPV.0060.047;
 VLD 45-Degree, 6-Inch Bend, Ductile Iron, Item SPV.0060.048;
 VLD 90-Degree, 6-Inch Bend, Ductile Iron, Item SPV.0060.049;
 VLD 22.5-Degree 8-Inch Bend, Ductile Iron, Item SPV.0060.050;
 VLD 45-Degree, 8-Inch Bend, Ductile Iron, Item SPV.0060.051;
 VLD 45-Degree, 12-Inch Bend, Ductile Iron, Item SPV.0060.052;
 VLD Connect to Ex. Watermain, Item SPV.0060.053;
 VLD Abandon Ex. Water Service at Main & Plug, Item SPV.0060.054;
 VLD Exploratory Excavation, Item SPV.0060.055;
 VLD Abandon Ex. Hydrant Lead at Tee & Plug, Item SPV.0060.056;
 VLD Abandon Ex. Corp. Valve at Main, and Curb Stop & Box, Item SPV.0060.057;
 VLD 12-Inch X 6-Inch Tapping Sleeve, Live Tap, Item SPV.0060.058;
 VLD 2-Inch Corporation Valve, Item SPV.0060.059;
 VLD 1-Inch Curb Stop and Box, Item SPV.0060.060;
 VLD 2-Inch Curb Stop and Box, Item SPV.0060.061;
 VLD Connect to Ex. Water Service, Item SPV.0060.062;
 VLD 8-Inch X 6-Inch Tee, Item SPV.0060.063;
 VLD 6-Inch X 6-Inch Tee, Item SPV.0060.064;
 VLD 12-Inch x 6-Inch Reducer, Item SPV.0060.065;
 VLD 8-Inch Plug, Item SPV.0060.066;
 VLD 4-Foot Bollard, 6-Inch Diameter with Concrete Base, Item SPV.0060.067;
 VLD 12-Inch x 6-Inch Tee, Item SPV.0060.068;
 VLD 12-Inch x 4-Inch Tee, Item SPV.0060.069;
 VLD 12-Inch X 8-Inch Tee, Item SPV.0060.070.

A Description

This special provision describes Village of Lake Delton water and sanitary bid items in accordance with the Village of Lake Delton's Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

B (Vacant)

C (Vacant)

D Measurement

The department will measure VLD (item) by each unit completed and accepted.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.019	VLD Remove Existing Water Manhole and Valve	EACH
SPV.0060.020	VLD Remove Ex. Sanitary Sewer Manhole	EACH
SPV.0060.021	VLD 48-Inch Sanitary Manhole	EACH
SPV.0060.022	VLD 48-Inch Sanitary Manhole w/ External Drop, Complete	EACH
SPV.0060.023	VLD Connect to Ex. Sanitary Sewer Pipe	EACH
SPV.0060.024	VLD Connect to Ex. Sanitary Sewer Manhole	EACH
SPV.0060.025	VLD Adjust Manhole < 6-Inches	EACH
SPV.0060.026	VLD Adjust Manhole - 6-Inches to 1-Foot	EACH
SPV.0060.027	VLD Adjust Manhole > 1-Foot	EACH
SPV.0060.028	VLD Adjust and Waterproof Manhole Casting	EACH
SPV.0060.029	VLD Adjust Casting Via Mr. Manhole	EACH
SPV.0060.030	VLD Remove Existing Service	EACH

SPV.0060.031	VLD Hydrant, Complete	EACH
SPV.0060.032	VLD Remove & Salvage Existing Hydrant	EACH
SPV.0060.033	VLD Remove & Salvage Existing Valve and Box	EACH
SPV.0060.034	VLD Remove & Salvage Existing Curb Stop Box	EACH
SPV.0060.035	VLD Adjust Ex. Hydrant	EACH
SPV.0060.036	VLD Adjust Ex. Water Valve < 6-Inches	EACH
SPV.0060.037	VLD Adjust Ex. Water Valve - 6-Inches to 1-Foot	EACH
SPV.0060.038	VLD Adjust Ex. Water Valve > 1-Foot	EACH
SPV.0060.039	VLD Adjust Ex. Curb Stop < 6-Inches	EACH
SPV.0060.040	VLD Adjust Ex. Curb Stop - 6-Inches to 1-Foot	EACH
SPV.0060.041	VLD Adjust Ex. Curb Stop > 1-Foot	EACH
SPV.0060.042	VLD 4-Inch Valve and Box, Ductile Iron	EACH
SPV.0060.043	VLD 6-Inch Valve and Box, Ductile Iron	EACH
SPV.0060.044	VLD 8-Inch Valve and Box, Ductile Iron	EACH
SPV.0060.045	VLD 12-Inch Valve and Box, Ductile Iron	EACH
SPV.0060.046	VLD 45-Degree, 4-Inch Bend, Ductile Iron	EACH
SPV.0060.047	VLD 22.5-Degree, 6-Inch Bend, Ductile Iron	EACH
SPV.0060.048	VLD 45-Degree, 6-Inch Bend, Ductile Iron	EACH
SPV.0060.049	VLD 90-Degree, 6-Inch Bend, Ductile Iron	EACH
SPV.0060.050	VLD 22.5-Degree, 8-Inch Bend, Ductile Iron	EACH
SPV.0060.051	VLD 45-Degree, 8-Inch Bend, Ductile Iron	EACH
SPV.0060.052	VLD 45-Degree, 12-Inch Bend, Ductile Iron	EACH
SPV.0060.053	VLD Connect to Ex. Watermain	EACH
SPV.0060.054	VLD Abandon Ex. Water Service at Main & Plug	EACH
SPV.0060.055	VLD Exploratory Excavation	EACH
SPV.0060.056	VLD Abandon Ex. Hydrant Lead at Tee & Plug	EACH
SPV.0060.057	VLD Abandon Ex. Corp. Valve at Main & Curb Stop and Box	EACH
SPV.0060.058	VLD 12-Inch X 6-Inch Tapping Sleeve, Live Tap	EACH
SPV.0060.059	VLD 2-Inch Corporation Valve	EACH
SPV.0060.060	VLD 1-Inch Curb Stop and Box	EACH
SPV.0060.061	VLD 2-Inch Curb Stop and Box	EACH
SPV.0060.062	VLD Connect to Ex. Water Service	EACH
SPV.0060.063	VLD 8-Inch X 6-Inch Tee	EACH
SPV.0060.064	VLD 6-Inch X 6-Inch Tee	EACH
SPV.0060.065	VLD 12-Inch x 6-Inch Reducer	EACH
SPV.0060.066	VLD 8-Inch Plug	EACH
SPV.0060.067	VLD 4-Foot Bollard, 6-Inch Diameter with Concrete Base	EACH
SPV.0060.068	VLD 12-Inch x 6-Inch Tee	EACH
SPV.0060.069	VLD 12-Inch x 4-Inch Tee	EACH
SPV.0060.070	VLD 12-Inch x 8-Inch Tee	EACH

Payment is full compensation for all work herein specified in accordance with the Village of Lake Delton's Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

- 69. CWD Construction Staking Sanitary Sewer, Item SPV.0060.071;
CWD Construction Staking Water Main, Item SPV.0060.072;
CWD Abandon Existing Sanitary Manhole, Item SPV.0060.073;
CWD Abandon Existing Sanitary Sewer, Item SPV.0060.074;
CWD Sanitary Sewer Manhole, Item SPV.0060.075;
CWD Sanitary Sewer Manhole, Outside Drop, Item SPV.0060.076;
CWD Adjust Existing Sanitary Manhole, Item SPV.0060.077;
CWD Connect to Existing Sanitary Sewer Manhole, Item SPV.0060.078;
CWD Connect to Existing Sanitary Sewer, Item SPV.0060.079;
CWD Sanitary Sewer Wye 8-Inch X 6-Inch w/Tracer Wire & Terminal Box, SPV.0060.080;**

CWD Remove Existing Hydrant Assembly, Item SPV.0060.081;
CWD Remove Existing Valve Box, Item SPV.0060.082;
CWD Abandon Existing Water Main, Item SPV.0060.083;
CWD Hydrant, Item SPV.0060.084;
CWD Valve & Box 12-Inch, Item SPV.0060.085;
CWD Valve & Box 8-Inch, Item SPV.0060.086;
CWD Valve & Box 6-Inch, Item SPV.0060.087;
CWD Cross 12-Inch X 6-Inch X 12-Inch X 12-Inch, Item SPV.0060.088;
CWD Tee 12-Inch X 12-Inch X 12-Inch, Item SPV.0060.089;
CWD Tee 12-Inch X 6-Inch X 12-Inch, Item SPV.0060.090;
CWD Tee 8-Inch X 12-Inch X 8-Inch, Item SPV.0060.091;
CWD Tee 8-Inch X 8-Inch X 8-Inch, Item SPV.0060.092;
CWD Tee 8-Inch X 6-Inch X 8-Inch, Item SPV.0060.093;
CWD Bend 12-Inch, Item SPV.0060.094;
CWD Ben 8-Inch, Item SPV.0060.095;
CWD Bend 6-Inch, Item SPV.0060.096;
CWD Reducer 12-Inch X 8-Inch, Item SPV.0060.097;
CWD Reducer 12-Inch X 6-Inch, Item SPV.0060.098;
CWD Plug, 12-Inch, Item SPV.0060.099;
CWD Corporation, Curb Stop, Box & Reconnect 1-Inch, Item SPV.0060.100;
CWD Connect to Existing Water Main, Item SPV.0060.101;
CWD Manhole Adjustment Via Mr. Manhole, Item SPV.0060.102.

A Description

This special provision describes City of Wisconsin Dells water and sanitary sewer items in accordance with the City of Wisconsin Dells' Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

B (Vacant)

C (Vacant)

D Measurement

The department will measure CWD (item) by each unit completed and accepted.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.071	CWD Construction Staking Sanitary Sewer	EACH
SPV.0060.072	CWD Construction Staking Water Main	EACH
SPV.0060.073	CWD Abandon Existing Sanitary Manhole	EACH
SPV.0060.074	CWD Abandon Existing Sanitary Sewer	EACH
SPV.0060.075	CWD Sanitary Sewer Manhole	EACH
SPV.0060.076	CWD Sanitary Sewer Manhole, Outside Drop	EACH
SPV.0060.077	CWD Adjust Existing Sanitary Manhole	EACH
SPV.0060.078	CWD Connect to Existing Sanitary Sewer Manhole	EACH
SPV.0060.079	CWD Connect to Existing Sanitary Sewer	EACH
SPV.0060.080	CWD Sanitary Sewer Wye 8-Inch X 6-Inch w/Tracer Wire & Terminal Box	EACH
SPV.0060.081	CWD Remove Existing Hydrant Assembly	EACH
SPV.0060.082	CWD Remove Existing Valve Box	EACH
SPV.0060.083	CWD Abandon Existing Water Main	EACH
SPV.0060.084	CWD Hydrant	EACH
SPV.0060.085	CWD Valve & Box 12-Inch	EACH
SPV.0060.086	CWD Valve & Box 8-Inch	EACH
SPV.0060.087	CWD Valve & Box 6-Inch	EACH
SPV.0060.088	CWD Cross 12-Inch X 6-Inch X 12-Inch X 12-Inch	EACH
SPV.0060.089	CWD Tee 12-Inch X 12-Inch X 12-Inch	EACH

SPV.0060.090	CWD Tee 12-Inch X 6-Inch X 12-Inch	EACH
SPV.0060.091	CWD Tee 8-Inch X 12-Inch X 8-Inch	EACH
SPV.0060.092	CWD Tee 8-Inch X 8-Inch X 8-Inch	EACH
SPV.0060.093	CWD Tee 8-Inch X 6-Inch X 8-Inch	EACH
SPV.0060.094	CWD Bend 12-Inch	EACH
SPV.0060.095	CWD Bend 8-Inch	EACH
SPV.0060.096	CWD Bend 6-Inch	EACH
SPV.0060.097	CWD Reducer 12-Inch X 8-Inch	EACH
SPV.0060.098	CWD Reducer 12-Inch X 6-Inch	EACH
SPV.0060.099	CWD Plug, 12-Inch	EACH
SPV.0060.100	CWD Corporation, Curb Stop, Box & Reconnect 1-Inch	EACH
SPV.0060.101	CWD Connect to Existing Water Main	EACH
SPV.0060.102	CWD Manhole Adjustment Via Mr. Manhole	EACH

Payment is full compensation for all work herein specified in accordance with the City of Wisconsin Dells' Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

70. Removing Billboard Sign and Sign Structure, Item SPV.0060.103.

A Description

This special provision describes removing existing billboards and supports according to the applicable sections of standard spec 638 and as hereinafter provided.

B (Vacant)

C Construction

Remove the complete billboard unit including signs, supports, footings, ladders, walkways, electrical systems and all appurtenances from the locations designated on the plans. Excavate to remove the footings 2 feet below the finished ground surface and provide adequate backfill and compaction of the removal area to eliminate settling. Restore the surface around the location to the same condition as surrounding area and as directed by the engineer. Billboards with multiple supports and signs at the same location, but not necessarily connected, will be considered one complete unit.

The contractor shall coordinate with electric utility owner for disconnection of the power service prior to removal of the billboard and billboard supports, if applicable. The power supply shall be removed to a location that allows safe termination and burying.

D Measurement

The department will measure Removing Billboard Sign and Sign Structure as each individual complete billboard unit removed, 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.0060.103	Removing Billboard Sign and Sign Structure	EACH

Payment is full compensation for removing, the signs, supports, footings, ladders, walkways, electrical systems and all appurtenances associated with the billboard; for removal from the project site; for backfilling any necessary areas; for restoring the surface; and coordination with utilities and following utility and OSHA removal requirements. Removed items are property of the contractor.

71. Remove, Salvage and Reinstall Guardrail and Single Post, Item SPV.0060.104.

A Description

This special provision describes removing, salvaging and reinstalling existing section of guardrail and single guardrail post in order to construct the adjacent retaining wall.

B (Vacant)

C Construction

Remove the existing first section of guardrail and single post in a way that prevents damaging the guardrail to the location shown on the plans. If the contractor damages the guardrail through its own operations then the contractor shall replace it at no expense to the department.

Store materials in a safe location until they are ready to be reinstalled. Prior to installation clean guardrail and post of any construction type debris.

Reinstall the salvaged guardrail and post back to original layout and configuration in conformance to standard spec 614.

D Measurement

The department will measure Remove, Salvage and Reinstall Guardrail and Single Post as a EACH 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.0060.104	Remove, Salvage and Reinstall Guardrail and Single Post	EACH

Payment is full compensation for removing the existing guardrail and post, storing, and for installing after retaining wall installation is complete.

72. Interim Traffic Signals of Intersections (USH 12 & DellShire Dr), Item SPV.0060.105.

A Description

This special provision describes maintaining an existing long term duration interim traffic signal installation, furnishing and installing equipment as shown in the plans, and removing all equipment when no longer needed at the location as shown on the plans, and according to standard spec 661.

B Materials

Provide all materials according to the plans and standard spec 661.2, except as hereinafter amended.

B.1 Interim Traffic Signal General Requirements

Coordinate directly with the department's assigned project electrician for all activities associated with this bid item which require modifications to the traffic signal control cabinet.

The department will provide contact information for the designated project electrician at the preconstruction meeting. Contact the department at least ten working days prior to changes in operation or modifications to the traffic signal control cabinet.

Previously furnished temporary traffic signal materials installed at USH 12 & DellShire Dr will become property of the contractor. This does not include traffic signal cabinets, controllers, detection, items removed or installed and paid for using separate bid items, or items that are reclaimed by the department.

Replace standard specification 661.2.1 (1) as follows:

(1) Operate and maintain TS2 Type 1 control cabinet and control equipment furnished by previous project. The department will supply, maintain and install a TS2 controller, video detection system and Cellular modem. The cabinet must be equipped with at least three open non- GFI receptacles, SDLC connector and open shelf space to be used by the video detection processor. The fisheye video detection system will be installed and maintained by the department and placed on the contractor installed poles and span wires. Provide a cabinet with a Corbin #2 door lock and an access door that allows placing the controller in emergency flash. Provide keys to the access door to the engineer and law enforcement agencies as required. Supply a cabinet complete with programmed MMU, load switches, relays and etc. capable of executing the sequence of operations supplied in this contract for this temporary traffic signal. Test traffic signal control cabinets before installation. The department will be responsible for all signal timing changes.

Replace standard specification 661.2.1 (2) as follows:

(2) Operate and maintain a NEMA monitor for the controller furnished by previous project. Test the monitor with an automated programmed testing system. Test annually if used for more than one year. This test

verifies that the monitor complies with the intersection requirements. Attach a copy of the monitor test report to the monitor and provide a copy to the department.

Eliminate standard specification 661.2.1 (5)

Add the following to standard specification 661.2.1:

(6) Operate and maintain the Accessible Pedestrian Signal (APS) Push Button system including a central control unit and pedestrian push button detection stations for the temporary traffic signals furnished by previous project.

C Construction

C.1 General

Construct the interim traffic signals according to the plans and standard spec 661.3 and as hereinafter provided:

Arrange for monthly inspections with the engineer to check the height of the span wire above the roadways to ensure that the bottom of the traffic signal heads remain within the minimum and maximum heights allowed above the roadway according to the standard spec and the current edition of the MUTCD. Make all height adjustments within 24-hours of an inspection indicating that adjustments are required. Notify the engineer in writing upon completion of all necessary adjustments. Maintain a written log to properly document the date of each monthly inspection, the heights above the roadway, the roadway clearance after adjustments have been made and acceptance by the engineer. Provide written log to engineer monthly.

Ensure that all pedestrian buttons are placed in conformance with ADA requirements.

C.2 Operational Transfer

Operation and maintenance responsibility will begin immediately upon the start of work under this contract at the intersection of USH 12 & DellShire Dr.

D Measurement

The department will measure Interim Traffic Signals of Intersections (Location) as each unit of work for each intersection, 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.0060.105	Interim Traffic Signals of Intersections (USH12 & DellShire Dr)	EACH

Payment is full compensation for installing, operating, maintaining, and removing the complete installation of the interim traffic signal.

73. CIPP Lining 15-Inch, Item SPV.0090.001; CIPP Lining 18-Inch, Item SPV.0090.002.

A Description

This special provision describes the cure-in-place lining of an existing storm sewer pipe by the installation of a resin-impregnated flexible tube which is formed to the original conduit so as to not damage the existing storm sewer system or the resin-impregnated flexible tube. When cured, the "cured-in-place pipe" (CIPP) will be continuous and tight fitting.

This specification references ASTM F1216 (Rehabilitation of Pipelines by the Inversion and Curing of a Resin-Impregnated Tube), ASTM F1743 (Rehabilitation of Pipelines by Pulled-In-Place Installation of a Cured-In-Place Thermosetting Resin Pipe), ASTM D5813 (Cured-In-Place, Thermosetting Resin Sewer Pipe), and ASTM D790 (Test Methods for Flexural Properties of Non-reinforced Plastics) which are made a part thereof by such reference and be the latest edition and revision thereof. In case of conflicting requirements between this specification and these referenced documents, this specification will govern.

The process (materials, methods, workmanship) must be proven through previous successful installations to an extent and nature satisfactory to the department and commensurate with the size of the project under the proposed contract. Clearly identify the contractor, the proposed method of reconstruction, and the product manufacturer's name.

B Materials

All culvert pipes to be lined are 15-inch and 18-inch reinforced concrete pipe. Tube - The tube shall meet the requirements of ASTM F1216 or ASTM F1743. Construct the tube to withstand installation pressures, have sufficient strength to bridge missing pipe, stretch to fit irregular pipe sections, and invert smoothly around bends. The wet out tubes shall have a uniform thickness that when compressed at installation pressures will meet or exceed the design thickness.

The tube shall be constructed to a size that when installed will tightly fit the internal circumference and length of the original pipe. Allowance shall be made for circumferential stretching during inversion. Overlapped layers in longitudinal seams that cause lumps in the final product shall not be utilized.

The outside layer of the tube (before wet out) shall be coated with an impermeable, flexible membrane that will contain the resin and facilitate monitoring of resin saturation during the resin impregnated (wet out) procedure.

The tube shall be homogeneous across the entire wall thickness containing no intermediate or encapsulated Elastomeric layers. No material included in the tube may cause delamination in the cured CIPP. No dry or unsaturated layers shall be evident. The wall color of the interior pipe surface of CIPP after installation shall be a light reflective color so that a clear detailed examination with closed circuit television inspection equipment could be made.

Seams in the tube shall be stronger than the unseamed material. Where the length requires the joining, the joint shall not be perpendicular to the long axis but spirally formed and sewn. Mark the outside of the tube for distance at regular intervals along its entire length, not to exceed 5 feet. Such markings shall include the manufacturer's name or identifying symbol. The tubes must be manufactured in the USA.

B.1 Resin

The resin system shall be a corrosion resistant polyester, vinyl ester, or epoxy and catalyst system that when properly cured within the tube composite meets the requirements of ASTM F1216 and ASTM F1743, the physical properties herein, and those which are to be utilized in the design of the CIPP for this project. The resin shall produce CIPP which will comply with the structural and chemical resistance requirements of this specification.

B.2 Structural Requirements

Submit design calculations that meet the requirements of the manufacturer and that are designed as per ASTM F1216, Appendix XI. The CIPP design shall assume no bonding to the original pipe wall. The Long-Term Flexural Modulus to be used in design shall be verified by independent testing (such as the Trenchless Technology Center at Louisiana Tech University). Such Long-Term Modulus shall not exceed 50% of the short-term values given in Section 5.3. CIPP thickness shall not be less than that which is computed from the DR's given in Table #1, for resin systems with physical properties shown. Uniformly bond the layers of the cured CIPP. It shall not be possible to separate any two layers with a probe or point of a knife blade so that the layers separate cleanly or the probe or knife blade moves freely between the layers. If separation of the layers occurs during testing of field samples, new samples will be cut from the work. Any reoccurrence may cause rejection of the work.

The cured pipe material (CIPP) shall conform to the structural properties, as listed below.

Table 1: Design Requirements

MINIMUM PHYSICAL PROPERTIES

Test Method Resin per ASTM
F1216

Resin with 400,000 psi
Properties

Modulus of Elasticity ASTM D790 250,000 400,000 psi Flexural Stress
ASTM D790 4,500 4,500 psi MH010042-

MH020083

0.18 in.

(4.5 mm) 0.18 in. (4.5 mm)

B.3 Testing Requirements

B.3.1 Chemical Resistance

The CIPP shall meet the chemical resistance requirements of ASTM F1216, Appendix X2. CIPP samples for testing shall be of tube and resin similar to that proposed for actual construction. It is required that CIPP samples with and without plastic coating meet these chemical testing requirements.

B.3.2 Hydraulic Capacity

Overall, the Hydraulic profile shall be maintained as large as possible. The CIPP shall have a minimum of the full flow capacity of the original pipe before rehabilitation. Calculated capacities may be derived using a commonly accepted roughness coefficient for the existing pipe material taking into consideration its age and condition.

B.3.3 CIPP Field Samples

When requested by the department, submit test results from previous field installations in the USA of the same resin system and tube materials as proposed for the actual installation. These test results must verify that the CIPP physical properties specified have been achieved in previous field applications.

C Construction

The City will provide free access to water hydrants for cleaning, inversion and other work items requiring water. Any connection to hydrants made by the contractor shall utilize an approved backflow preventer. Hydrant use shall be coordinated with the City prior to the beginning of the project.

C.1 Cleaning of Sewer Lines

Remove all internal debris and sediment out of the culvert pipe that will interfere with the installation of CIPP.

C.2 Bypassing Pumping

Not required under this contract.

C.3 Inspection of Pipelines

Contractor to perform visual inspection of pipes to be lined. Video inspections after liner installation is not required.

C.4 Line Obstructions

Inspect all pipes to be lined to verify they are clear of obstructions. CIPP installation shall be according to ASTM F1216, Section 7 or ASTM F1743, Section 6, with the following modifications: Resin Impregnation - The quantity of resin used for tube impregnation shall be sufficient to fill the volume of air voids in the tube with additional allowances for polymerization shrinkage and the loss of resin through cracks and irregularities in the original pipe wall. A vacuum impregnation process shall be used. To ensure thorough resin saturation throughout the length of the tube, the point of vacuum shall be no further than 25 feet from the point of initial resin introduction. After vacuum in the tube is established, the vacuum points shall be no further than 75 feet from the leading edge of the resin. The leading edge of the resin slug shall be as near to perpendicular as possible. A roller system shall be used to uniformly distribute the resin throughout the tube. To ensure proper impregnation, certify that the above method or another approved method is used.

C.5 Tube Insertion

Position the wet out tube in the pipeline using either inversion or a pull in method. If pulled into place, utilize a power winch and exercise care not to damage the tube as a result of pull-in friction. The tube shall be pulled-in or inverted through an existing manhole or approved access point and fully extend to the next designated manhole or termination point.

Place temperature gauges inside the tube at the invert level of each end to monitor the temperatures during the cure cycle.

Cure by utilizing water under hydrostatic pressure, steam or other method approved by the manufacturer and engineer, according to the manufacturer's recommended cure schedule.

CIPP samples shall be prepared and physical properties tested according to ASTM F1216 or ASTM F1743, Section 8, using either method proposed. The flexural properties must meet or exceed the values listed in Section 5, structural requirements for the DR furnished in Table #1.

Accomplish leakage testing of the CIPP during cure while under a positive head. CIPP products in which the pipe wall is cured while not in direct contact with the pressurizing fluid (e.g., a removable bladder) must be tested by an alternative method approved by the department.

Visual inspection of the CIPP shall be according to ASTM F1743, Section 8.6. Upon acceptance of the installation work and testing, restore the project area affected by the operations to its original condition.

All heated water that fills and cures the resin in the liner cannot be discharged directly into any waters of the state, or discharged into any area of land that is part of any drainage pattern into a special or impaired water. It must be pumped out and truck-hauled to a water treatment facility.

D Measurement

The department will measure CIPP Lining 15-Inch and CIPP Lining 18-Inch in length by the linear foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.001	CIPP Lining 15-Inch	LF
SPV.0090.002	CIPP Lining 18-Inch	LF

Payment is full compensation for any required bypass pumping, median drain connections, and disposal of curing water necessary to complete the contract work according to the above stated specifications.

- 74. Concrete Curb Pedestrian Special, Item SPV.0090.003;
Concrete Curb & Gutter 18-Inch, Type G, Item SPV.0090.004;
Concrete Curb & Gutter 6-Inch Sloped 18-Inch, Type G, Item SPV.0090.005;
Concrete Curb & Gutter Integral 66-Inch, Type A, Item SPV.0090.006;
Concrete Curb & Gutter 24-Inch, Type A, Item SPV.0090.007;
Concrete Curb & Gutter 24-Inch, Type D, Item SPV.0090.008.**

A Description

This special provision describes constructing concrete curb and gutter according to the details shown in the plans, the requirements of standard spec 601, and as hereinafter provided.

B Materials.

Provide materials that conform to the requirements of standard spec 601.2.

C Construction

Construct according to the requirements of standard spec 601.3.

D Measurement

The department will measure Concrete Curb Pedestrian Special, Concrete Curb & Gutter 18-Inch, Type G, Concrete Curb & Gutter 6-Inch Sloped 18-Inch, Type G, Concrete Curb & Gutter 66-Inch Integral, Type A, Concrete Curb & Gutter 24-Inch, Type A and Concrete Curb & Gutter 24-Inch, Type D in length by the linear foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.003	Concrete Curb Pedestrian Special	LF
SPV.0090.004	Concrete Curb & Gutter 4-Inch 18-Inch, Type G	LF
SPV.0090.005	Concrete Curb & Gutter 6-Inch Sloped 18-Inch, Type G	LF
SPV.0090.006	Concrete Curb & Gutter 66-Inch Integral, Type A	LF
SPV.0090.007	Concrete Curb & Gutter 24-Inch, Type A	LF
SPV.0090.008	Concrete Curb & Gutter 24-Inch, Type D	LF

Payment is full compensation for performing all foundation excavation and preparation; providing all materials, including concrete, expansion joints, and reinforcement tie bars unless specified otherwise; placing, finishing, protecting, and curing; sawing joints; disposing of surplus excavation material, restoring the work site.

The department will adjust pay for crack repairs on as specified in standard spec 416.5.2 for ancillary concrete.

75. Remove, Salvage and Reinstall Railing, Item SPV.0090.009.

A Description

This special provision describes removing, salvaging and reinstalling existing black metal railing.

B (Vacant)

C Construction

Remove the existing railing in a way that prevents damaging the rails and posts to the location shown on the plans. If the contractor damages the railing through its own operations then the contractor shall replace it at no expense to the department.

Store materials in a safe location until they are ready to be reinstalled. Prior to installation clean railing of any construction type debris.

Reinstall the salvaged railing back to original layout and configuration on concrete sidewalk at locations shown on the plan.

D Measurement

The department will measure Remove, Salvage and Reinstall Railing as a LF acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.009	Remove, Salvage and Reinstall Railing	LF

Payment is full compensation for removing the existing railing, storing, and for reinstalling on concrete sidewalk.

76. Remove, Salvage and Reinstall Brick Edging, Item SPV.0090.010.

A Description

This special provision describes removing, salvaging and reinstalling existing brick edging.

B (Vacant)

C Construction

Remove the existing brick edging in a way that prevents damaging the edging at the locations shown on the plans. If the contractor damages the edging through its own operations then the contractor shall replace it at no expense to the department.

Store materials in a safe location until they are ready to be reinstalled. Prior to installation clean brick edging of any construction type debris.

Reinstall the salvaged brick edging back to original layout and configuration along driveway at locations shown on the plan.

D Measurement

The department will measure Remove, Salvage and Reinstall Brick Edging as a LF acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.010	Remove, Salvage and Reinstall Brick Edging	LF

Payment is full compensation for removing the existing brick edging, storing, and for reinstalling along new driveway pavement.

77. Install State-Supplied Non-Intrusive Detection Cable, Item SPV.0090.011.

A Description

This special provision describes installing department supplied non-intrusive detection cable.

B Materials (Vacant)

C Construction

Perform work according to standard specification 655 and as shown in the plans. Do not provide 16-foot loop in each pull box. Provide 20-foot loop at traffic signal control cabinet base. Provide 60-foot loop at traffic signal concrete base.

D Measurement

The department will measure Install State-Supplied Non-Intrusive Detection Cable in length by the linear foot acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.011	Install State-Supplied Non-Intrusive Detection Cable	LF

Payment is full compensation for installing the non-intrusive detection cable.

**78. VLD 4-Inch PVC Sanitary Sewer, Item SPV.0090.015;
VLD 6-Inch PVC Sanitary Sewer, Item SPV.0090.016;
VLD 8-Inch PVC Sanitary Sewer, Item SPV.0090.017;
VLD 10-Inch PVC Sanitary Sewer, Item SPV.0090.018;
VLD 4-Inch DI Watermain, Item SPV.0090.019;
VLD 6-Inch DI Watermain, Item SPV.0090.020;
VLD 8-Inch DI Watermain, Item SPV.0090.021;
VLD 12-Inch DI Watermain, Item SPV.0090.022;
VLD 1-Inch Service Line, Item SPV.0090.023;
VLD 2-Inch Copper Service, Item SPV.0090.024;
VLD Existing Sanitary Sewer Televising, Item SPV.0090.025;
VLD Remove Existing Watermain, Item SPV.0090.026;
VLD Remove Ex. Sanitary Sewer and Laterals, Item SPV.0090.027.**

A Description

This special provision describes furnishing and installing VLD 4-Inch PVC Sanitary Sewer; VLD 6-Inch PVC Sanitary Sewer; VLD 8-Inch PVC Sanitary Sewer; VLD 10-Inch PVC Sanitary Sewer; VLD 4-Inch DI Watermain; VLD 6-Inch DI Watermain; VLD 8-Inch DI Watermain; VLD 12-Inch DI Watermain; VLD 1-Inch Service Line; VLD 2-Inch Copper Service; VLD Existing Sanitary Sewer Televising; VLD Remove Existing Watermain; and VLD Remove Ex. Sanitary Sewer and Laterals in accordance with the Village of Lake Delton's Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

B (Vacant)

C (Vacant)

D Measurement

The department will measure VLD 4-Inch PVC Sanitary Sewer; VLD 6-Inch PVC Sanitary Sewer; VLD 8-Inch PVC Sanitary Sewer; VLD 10-Inch PVC Sanitary Sewer; VLD 4-Inch DI Watermain; VLD 6-Inch DI Watermain; VLD 8-Inch DI Watermain; VLD 12-Inch DI Watermain; VLD 1-Inch Service Line; VLD 2-Inch Copper Service; VLD Existing Sanitary Sewer Televising; VLD Remove Existing Watermain; and VLD Remove Ex. Sanitary Sewer and Laterals by the linear foot as 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.0090.015	VLD 4-Inch PVC Sanitary Sewer	LF

SPV.0090.016	VLD 6-Inch PVC Sanitary Sewer	LF
SPV.0090.017	VLD 8-Inch PVC Sanitary Sewer	LF
SPV.0090.018	VLD 10-Inch PVC Sanitary Sewer	LF
SPV.0090.019	VLD 4-Inch DI Watermain	LF
SPV.0090.020	VLD 6-Inch DI Watermain	LF
SPV.0090.021	VLD 8-Inch DI Watermain	LF
SPV.0090.022	VLD 12-Inch DI Watermain	LF
SPV.0090.023	VLD 1-Inch Service Line	LF
SPV.0090.024	VLD 2-Inch Copper Service	LF
SPV.0090.025	VLD Existing Sanitary Sewer Televising	LF
SPV.0090.026	VLD Remove Existing Watermain	LF
SPV.0090.027	VLD Remove Ex. Sanitary Sewer and Laterals	LF

Payment is full compensation for all work herein specified in accordance with the Village of Lake Delton's Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

- 79. CWD Sanitary Sewer C900 Restrained Joint 12-Inch, Item SPV.0090.029;
CWD Sanitary Sewer PVC 10-Inch, Item SPV.0090.030;
CWD Sanitary Sewer PVC 8-Inch, Item SPV.0090.031;
CWD C900 Sanitary Sewer Restrained Joint 8-Inch, Item SPV.0090.032;
CWD Casing Pipe RCP 24-Inch, Item SPV.0090.033;
CWD Sanitary Lateral, PVC, 6-Inch, Item SPV.0090.034;
CWD Water Main Ductile Iron 12-Inch, Item SPV.0090.035;
CWD Water Main Ductile Iron 8-Inch, Item SPV.0090.036;
CWD Water Main Ductile Iron 6-Inch, Item SPV.0090.037;
CWD Water Main Ductile Iron Restrained Joint 12-Inch, Item SPV.0090.038;
CWD Casing Pipe RCP 30-Inch, Item SPV.0090.039;
CWD Water Service Copper 1-Inch, Item SPV.0090.040;
CWD Casing Pipe 30-Inch (Sanitary), Item SPV.0090.041.**

A Description

This special provision describes furnishing and installing City of Wisconsin Dells water and sewer items in accordance with the City of Wisconsin Dells' Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

B (Vacant)

C (Vacant)

D Measurement

The department will measure CWD (item) by the linear foot as 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.0090.029	CWD Sanitary Sewer C900 Restrained Joint 12-Inch	LF
SPV.0090.030	CWD Sanitary Sewer PVC 10-Inch	LF
SPV.0090.031	CWD Sanitary Sewer PVC 8-Inch	LF
SPV.0090.032	CWD Sanitary Sewer C900 Restrained Joint 8-Inch	LF
SPV.0090.033	CWD Casing Pipe RCP 24-Inch	LF
SPV.0090.034	CWD Sanitary Lateral PVC 6-Inch	LF
SPV.0090.035	CWD Water Main Ductile Iron 12-Inch	LF
SPV.0090.036	CWD Water Main Ductile Iron 8-Inch	LF
SPV.0090.037	CWD Water Main Ductile Iron 6-Inch	LF
SPV.0090.038	CWD Water Main Ductile Iron Restrained Joint 12-Inch	LF
SPV.0090.039	CWD Casing Pipe RCP 30-Inch	LF
SPV.0090.040	CWD Water Service Copper 1-Inch	LF

Payment is full compensation for all work herein specified in accordance with the City of Wisconsin Dells' Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

**80. VLD Rigid Insulation, 4-FT X 8-FT X 2-Inch (For Water Main), Item SPV.0165.001;
VLD Rigid Insulation, 4-FT X 8-FT X 2-Inch (For Sanitary Sewer), Item SPV.0165.002.**

A Description

This special provision describes VLD Rigid Insulation, 4-FT X 8-FT x 2-Inch (For Water Main) and VLD Rigid Insulation, 4-FT X 8-FT x 2-Inch (For Sanitary Sewer) in accordance with the Village of Lake Delton's Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

B (Vacant)

C (Vacant)

D Measurement

The department will measure VLD Rigid Insulation, 4-FT X 8-FT x 2-Inch (For Water Main) and VLD Rigid Insulation, 4-FT X 8-FT x 2-Inch (For Sanitary Sewer) as a unit price for square footage as acceptably placed and 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.0165.001	VLD Rigid Insulation, 4-FT X 8-FT x 2-Inch (For Water Main)	SF
SPV.0165.002	VLD Rigid Insulation, 4-FT X 8-FT x 2-Inch (For Sanitary Sewer)	SF

Payment is full compensation for all work herein specified in accordance with the Village of Lake Delton's Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

81. CWD Rigid Insulation, 4-FT X 8-FT X 2-Inch, Item SPV.0165.003.

A Description

This special provision describes CWD Rigid Insulation, 4-FT X 8-FT X 2-Inch in accordance with the City of Wisconsin Dells' Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

B (Vacant)

C (Vacant)

D Measurement

The department will measure CWD Rigid Insulation, 4-FT X 8-FT X 2-Inch as a unit price for square footage as acceptably placed and 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.0165.003	CWD Rigid Insulation, 4-FT X 8-FT X 2-Inch	SF

Payment is full compensation for all work herein specified in accordance with the City of Wisconsin Dells' Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

82. Remove, Salvage and Reinstall Landscaping Rock Item SPV.0165.005.

A Description

This special provision describes removing, salvaging and reinstalling existing landscaping rock.

B (Vacant)

C Construction

Remove the existing landscaping rock at the location shown on the plans. Store materials in a safe location until they are ready to be reinstalled. Prior to installation, clean landscaping rocks of any attached mortar, asphalt or other construction type debris.

Reinstall the landscaping rock back to original layout, configuration and depth on compacted soil. It is contractor's responsibility to procure additional landscaping rock that matches the existing material.

D Measurement

The department will measure Remove, Salvage and Reinstall Landscaping Rock as a SF 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.0165.005	Remove, Salvage and Reinstall Landscaping Rock	SF

Payment is full compensation for removing the landscaping rock, storing, and for reinstalling on compacted soil.

83. Anti-Graffiti Coating, Item SPV.0165.010.

A Description

This special provision describes furnishing and applying a permanent liquid anti-graffiti coating to the front face of retaining walls, anchor slabs and coping for the purpose of preventing the adsorption of paint components.

B Materials

Provide an anti-graffiti coating compatible for use on stained or painted concrete and masonry surfaces. The Anti-Graffiti Coating must be compatible for use on unpainted, stained or painted concrete surfaces. The following products or equal may be used as an Anti-Graffiti Coating:

1. Anti-Graffiti Coating by Sherwin Williams
2. Permaclean 1496 Matte Finish by TK Products
3. Duraguard 310 CRU by Chem Masters

C Construction

C.1 Surface Preparation

Clean all retaining wall surfaces that are to be coated to ensure that the surface is free of all laitance, dirt, dust, grease, efflorescence, graffiti, or other foreign material in order to accept the coating material according to product requirements. Correct any surface problems that may be created as a direct result of surface preparation methods, at contractor's expense.

C.2 Application

Apply the anti-graffiti coating to the exposed front face of retaining walls, anchor slabs and coping. Do not coat the driving or walking surfaces.

C.3 Test Block

Prior to applying the coating system to the completed structure, prepare a stained concrete test block on which to apply the coating so the engineer will be able to assess the adequacy and color of the product and the application methods yield the desired results. Test block to be a minimum thickness of 12 inches. Notify the engineer no less than 24 hours in advance of applying the coating to the test block to allow him time to arrange for witnessing the application. Allow coated test block to cure according to product manufacturer requirements before the engineer will accept the product for incorporation into the final structure.

If the test block is not accepted, prepare another test block and repeat the process, using either a different product or different application methods. Repeat this procedure until the test block is accepted by the engineer. Use the same application means and methods when applying the product to the structure that were used in preparing the accepted test block.

D Measurement

The department will measure Anti-Graffiti Coating by the square footage as 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.0165.010	Anti-Graffiti Coating	SF

Payment is full compensation for furnishing and applying the coating; for preparing the wall surface; for correcting overspray or splatter; and for making concrete test blocks and applying up to three coats of coating.

- 84. Wall Modular Block Gravity Landscape (L01 – Sta. 617+06), Item SPV.0165.011;
Wall Modular Block Gravity Landscape (L02 – Sta. 618+16), Item SPV.0165.012;
Wall Modular Block Gravity Landscape (L03 – Sta. 623+00), Item SPV.0165.013;
Wall Modular Block Gravity Landscape (L04 – Sta. 633+90), Item SPV.0165.014;
Wall Modular Block Gravity Landscape (L05 – Sta. 659+68), Item SPV.0165.015.**

A Description

This special provision describes designing, furnishing materials and erecting a permanent earth retention system in accordance to the lines, dimension, elevations and details as shown on the plans and provided in the contract. The design life of the wall and all wall components shall be 75 years minimum.

B Materials

B.1 Proprietary Wall Systems

The supplied wall system must be from the department's approved list of Modular Block Gravity Landscape Wall systems. Proprietary wall systems must conform to the requirements of this specification and be pre-approved for use by the department's Bureau of Structures. The department maintains a list of pre-approved proprietary wall systems. See the approved products list titled "Proprietary Retaining Wall System Vendors." The name of the pre-approved proprietary wall system selected shall be furnished to the engineer within 25 days after the award of contract. The department also maintains a separate list of plants pre-approved by the department to provide wall facing units. See the approved products list titled "Precast Concrete and Block Fabricators." The identity of the plant manufacturing the facing units shall be furnished to the engineer at least 14 days prior to the project delivery.

To be eligible for use on this project, a system must have been pre-approved by the Bureau of Structures and added to that list prior to the bid closing date. To receive pre-approval, the retaining wall system must comply with all pertinent requirements of this provision and be prepared in accordance to the requirements of Chapter 14 of the department's LRFD Bridge Manual. Information and assistance with the pre-approval process can be obtained by contacting the Bureau of Structures, Structures Maintenance Section at the following email address: DOTDLStructuresFabrication@dot.wi.gov.

To be eligible to provide wall facing units for this project, a block manufacturing plant must be pre-approved by the Bureau of Technical Services and added to that list prior to the bid closing date. Information and assistance with the pre-approval process can be obtained by contacting the Bureau of Technical Services at the following email address: DOTProductSubmittal@wisconsin.gov.

B.2 Design Requirements

It is the responsibility of the Contractor to submit a design and supporting documentation as required by this special provision, for review and acceptance by the department, to show the proposed wall design conforms to the design specifications. The submittal shall include the following items for review: detailed plans and shop drawings, complete design calculations, explanatory notes, supporting materials, and specifications. The detailed plans and shop drawings shall include all details, dimensions, quantities and cross-sections necessary to construct the walls. Submit shop drawings to the engineer conforming to 105.2 with electronic submittal to the fabrication library under 105.2.2. Certify that shop drawings conform to quality control standards by submitting department form DT2329 with each set of shop drawings. Department review does not relieve the contractor from responsibility for errors or omissions on shop drawings. Submit no later than 60 days from the date of notification to proceed with the project and a minimum of 30 days prior to the date proposed to begin wall construction.

The plans and shop drawings shall be prepared on reproducible sheets 11 inch x 17 inch, including borders. Each sheet shall have a title block in the lower right corner. The title block shall include the WisDOT project identification number and structure number. Design calculations and notes shall be on 8 ½ inch x 11 inch sheets, and shall contain the project identification number, name or designation of the wall, date of preparation, initials of designer and checker, and page number at the top of the page. All plans, shop drawings, and calculations shall be signed, sealed and dated by a professional engineer licensed in the State of Wisconsin.

The design of the wall shall be in compliance with the current American Association of State Highway and Transportation Officials LRFD (AASHTO LRFD) Bridge Design Specifications with latest interim specifications for Mechanically Stabilized Earth Walls, WisDOT's current Standard Specifications for Highway and Structure Construction (standard spec), Chapter 14 of the WisDOT LRFD Bridge Manual and standard engineering design procedures as determined by the Department. Loads, load combinations, load and resistance factors shall be as specified in AASHTO LRFD Section 11. The associated resistance factors shall be defined in accordance with Table 11.5.7-1 in AASHTO LRFD.

Design and construct the walls in accordance to the lines, grades, heights and dimensions shown on the plans, as herein specified, and as directed by the engineer.

Walls shall be designed for a minimum live load surcharge of 100 psf in accordance with Chapter 14 of the WisDOT LRFD Bridge Manual or as shown on the plans.

A maximum value of the angle of internal friction of the wall backfill material used for design shall be assumed to be 30 degrees without a certified report of tests. If a certified report of tests yields an angle of internal friction greater than 30 degrees, the larger test value may be used for design, up to a maximum value of 36 degrees.

An external stability check at critical wall stations showing Capacity Demand Ratio (CDR) for sliding, eccentricity, and bearing checks is provided by the department and are provided on the wall plans.

The design of the wall by the Contractor shall consider the internal and compound stability of the wall mass in accordance with AASHTO LRFD 11.10.6. Internal stability shall also be considered at each block level. Calculations for factored stresses and resistances shall be based upon assumed conditions at the end of the design life. The width of the modular block (front face to back face) shall be included in the design computations and shown on the wall shop drawings. Blocks must have a minimum width of 8 inches. Block widths may vary among courses, but shall consist of only a single block. Compound stability shall be computed for the applicable strength limits. Sample analyses and hand calculations shall be submitted to verify the output of any software program used. The design calculations and notes shall clearly indicate the Capacity to Demand Ratios (CDR) for all internal and external stabilities as defined in AASHTO LRFD.

Wall facing units shall be designed in accordance with AASHTO LRFD 11.10.2.3.

The minimum embedment of the wall shall be 1 foot 6 inches below finished grade, or as given on the plans. All walls shall be provided with a concrete or base aggregate leveling pad. Minimum wall embedment does not include the leveling pad depth. Step the leveling pad to follow the general slope of the ground line. Frost depth shall not be considered in designing the wall for depth of leveling pad.

Wall facing units shall be installed on a leveling pad.

B.3 Wall System Components

Materials furnished for wall system components under this contract shall conform to the requirements of this specification. All documentation related to material and components of the wall systems specified in this subsection shall be submitted to the engineer.

B.3.1 Wall Facing

Wall facing units shall consist of precast modular concrete blocks. Furnish concrete produced by a dry-cast or wet-cast process. Concrete for all blocks shall not contain less than 565 pounds of cementitious materials per cubic yard. The contractor may use cement conforming to standard spec. 501.2.1 or may substitute for Portland cement at the time of batching conforming to standard spec. 501.2.6 for fly, 501.2.7 for slag, or 501.2.8 for other pozzolans. In either case the maximum total supplementary cementitious content is limited to 30% of the total cementitious content by weight.

Dry-cast concrete blocks shall be manufactured in accordance with ASTM C1372 and this specification.

All units shall incorporate a mechanism or devices that develop a mechanical connection between vertical block layers. Units that are broken, have cracks wider than 0.02" and longer than 25% of the nominal height of the unit, chips larger than 1", have excessive efflorescence, or are otherwise deemed unacceptable by

the engineer, shall not be used within the wall. A single block front face style shall be used throughout each wall and block front face style shall match for the following walls: L01 – Sta. 617+06, L02 – Sta. 618+16, L03 – Sta. 623+00, L04 – Sta. 633+90 and L05 – Sta. 659+68. The color and surface texture of the block shall be as given on the plan.

The top course of facing units shall be as noted on the plans, either;

- Solid precast concrete unit designed to be compatible with the remainder of the wall. The finishing course shall be bonded to the underlying facing units with a durable, high strength, flexible adhesive compound compatible with the block material.
- A formed cast-in-place concrete cap. A cap of this type shall have texture, color, and appearance, as noted on the plans. The vertical dimension of the cap shall not be less than 3 1/2 inches. Expansion joints shall be placed in the cap at a maximum spacing of 20 feet unless noted otherwise on the plan. Use Grade A concrete conforming to standard spec 501 as modified in standard spec 716. Provide QMP for cast in place cap and coping concrete as specified in standard spec 716, Class II Concrete.

Block dimensions may vary no more than $\pm 1/8$ inch from the standard values published by the manufacturer. Blocks must have a minimum width (front face to back face) of 8 inches. The minimum front face thickness of blocks shall be 4 inches measured perpendicular from the front face to inside voids greater than 4 square inches. The minimum allowed thickness of any other portions of the block is $1\frac{3}{4}$ inches. The front face of the blocks shall conform to plan requirements for color, texture, or patterns.

If pins are used to align modular block facing units, they shall consist of a non-degrading polymer, or hot dipping galvanized steel and be made for the express use with the modular block units supplied, to develop mechanical interlock between facing unit block layers. Connecting pins shall be capable of holding the wall in the proper position during backfilling. Furnish documentation that establishes and substantiates the design life of such devices.

All block materials shall be furnished palletted and banded, with every pallet marked for quantity, lot number, lot size, manufacturing plant, and manufacturing date(s). Materials furnished loose or unmarked will be rejected. Rejected materials shall be removed from the project at no cost to the Department.

B.3.1.1 Material Testing

Perform or procure quality control testing of project materials according to the following requirements:

Test	Method	Requirement	
		Dry-cast	Wet-cast
Compressive Strength (psi)	ASTM C140 or ASTM C39 ^[4]	5000 min.	4000 min.
Air Content (%)	AASHTO T152 ^[4]	N/A	6.0 +/-1.5
Water Absorption (%)	ASTM C140 ^[3]	6 max.	N/A
Freeze-Thaw Loss (%) 40 cycles, 5 of 5 samples 50 cycles, 4 of 5 samples	ASTM C1262 ^{[1][2][3]}	1.0 max. 1.5 max.	N/A

[1] Test shall be run using a 3% saline solution and blocks greater than 45 days old.

[2] Test results that meet either of the listed requirements for Freeze-Thaw Loss are acceptable.

[3] An independent testing laboratory shall control and conduct all sampling and testing under ASTM C140/Water Absorption and ASTM C1262. Prior to sampling, the manufacturer shall identify materials by lot. Five blocks per lot shall be randomly selected for testing. Solid blocks used as a finishing or top course shall not be selected. The selected blocks shall remain under the control of the person who conducted the sampling until shipped or delivered to the testing laboratory.

[4] The manufacturer may perform their own quality control testing under ASTM C140/Compressive Strength, ASTM C39, and AASHTO T152, if qualified for this work under the requirements for plant certification.

The contractor and fabricator shall coordinate with the independent testing agent (if used) to ensure that strength and air content samples can be taken appropriately during manufacturing. At the time of delivery of materials, furnish the engineer a certified report of test from an AASHTO-registered or ASTM-accredited independent testing laboratory for each lot furnished.

The certified test report shall include the following:

- Project ID

- Production process used (dry-cast or wet-cast)
- Name and location of testing facility
- Name of sampling technician
- Lot number, lot size, and date(s) of fabrication

Quality control testing of project materials shall be completed not more than 18 months prior to delivery. Lot size shall not exceed the maximum testing frequencies, which shall not exceed 5000 blocks for dry-cast blocks and the lesser of 150 CY or 1 day's production for wet-cast blocks. Test results will represent all blocks within the lot. Each pallet of blocks delivered shall bear lot identification information. Block lots that do not meet the requirements of this specification or blocks without supporting reports will be rejected and shall be removed from the project at no expense to the department.

Nonconforming materials will be subject to evaluation according to standard spec 106.5.

B.3.2 Leveling Pad

Provide an unreinforced cast-in-place concrete or base aggregate leveling pad. Use Grade A concrete conforming to standard spec 501 as modified in standard spec 716. Provide QMP for leveling pad concrete as specified in standard spec 716, Class III Concrete. Use Base Aggregate Dense 1 1/4-Inch conforming to standard spec 305.

The minimum width of the concrete leveling pad shall be as wide as the proposed blocks plus 6-inches, with 6-inches of the leveling pad extending beyond the front face of the blocks. The minimum thickness of the leveling pad shall be 6-inches.

The minimum width of the base aggregate leveling pad shall be as wide as the proposed blocks plus 12-inches, and the modular blocks centered on the leveling pad. The minimum thickness of the leveling pad shall be 12-inches after compaction.

B.3.3 Backfill

Furnish and place backfill for the wall as shown on the plans and as hereinafter provided.

Wall Backfill, Type A, shall comply with No. 67 Coarse Aggregate Size per AASHTO M43. All backfill placed within a zone from the top of the leveling pad to the top of the final layer of wall facing units and within 1 foot behind the back face of the wall shall be Wall Backfill, Type A. This includes all material used to fill openings in the wall facing units.

Sieve Size	% by Weight Passing (No. 67 Coarse Aggregate size per AASHTO M43)
1 inch	100
3/4-inch	90 - 100
3/8-inch	20-55
No. 4	0 - 10
No. 8	0 - 5

A layer of Geotextile Type "DF" (Schedule B) shall be placed vertically between the backfill and the Type A backfill. The geotextile shall extend from the top of the leveling pad to 6 inches below the surface of the retained soil. The geotextile shall then wrap across the top of the Type A backfill to the back of block wall facing.

Backfill placed between retained soil and Type A backfill shall comply with the requirements for Granular Backfill Grade 1 as contained in 209.2.2 of the standard spec. The Contractor may substitute Type A Backfill for Granular Backfill Grade 1.

C Construction

C.1 Excavation and Backfill

Excavation and preparation of the foundation for the wall and the leveling pad shall be in accordance to standard spec 206. At the end of each working day, provide good temporary drainage such that the backfill shall not become contaminated with run-off soil or water if it should rain. Do not stockpile or store materials or large equipment within 10 feet of the back of the wall.

Place backfill materials in the areas as indicated on the plans and as detailed in this specification. Backfill lifts shall be no more than 8-inches in depth, after compaction. Backfilling shall closely follow erection of each course of wall facing units.

Conduct backfilling operations in such a manner as to prevent damage or misalignment of the wall facing units or other wall components. At no expense to the department, correct any such damage or misalignment as directed by the engineer. A field representative of the wall supplier shall be available during wall construction to provide technical assistance to the contractor and the engineer.

Do not operate tracked or wheeled equipment on the backfill within 3 feet from the back face of modular blocks. The engineer may order the removal of any large or heavy equipment that may cause damage or misalignment of the wall facing units.

C.2 Compaction

Compact wall backfill Type A with at least three passes of lightweight manually operated compaction equipment acceptable to the engineer.

Ensure adequate moisture is present in the backfill during placement and compaction to prevent segregation and to help achieve compaction.

Compaction of backfill within 3 feet of the back face of the wall should be accomplished using lightweight compaction devices. Use of heavy compaction equipment or vehicles should be avoided within 3 feet of the modular blocks.

C.3 Wall Components

C.3.1 General

Erect wall facing units and other associated elements according to the wall manufacturer's construction guide and to the lines, elevations, batter, and tolerances as shown on the plans. Center the initial layer of facing units on the leveling pad; then level them and properly align them. Fill formed voids or openings in the facing units with wall backfill, Type A. Remove all debris on the top of each layer of facing units, before placing the next layer of facing units.

Install all pins, rods, clips, or other devices used to develop mechanical interlock between facing unit layers in accordance with the manufacturer's directions.

C.3.2 Leveling Pad

Provide an unreinforced cast-in-place concrete or base aggregate leveling pad as shown on the plans. Vertical tolerances shall not exceed 3/4-inch when measured along a 10-foot straight edge. Allow the concrete to set at least 12 hours prior to placing wall facing units.

The bottom row of wall facing units shall be horizontal and 100% of the unit surface shall bear on the leveling pad.

C.4 Geotechnical Information

Geotechnical data to be used in the design of the wall is given on the wall plan.

D Measurement

The department will measure Wall Modular Block Gravity Landscape by the square foot acceptably completed. The department will compute the measured quantity from the theoretical pay limits the contract plans show. The department will make no allowance for wall area constructed above or below the theoretical pay limits. All work beyond the theoretical pay limits is incidental to the cost of work. The department will make no allowance for as-built quantities.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.011	Wall Modular Block Gravity Landscape (L01 – Sta. 617+06)	SF
SPV.0165.012	Wall Modular Block Gravity Landscape (L02 – Sta. 618+16)	SF
SPV.0165.013	Wall Modular Block Gravity Landscape (L03 – Sta. 623+00)	SF
SPV.0165.014	Wall Modular Block Gravity Landscape (L04 – Sta. 633+90)	SF
SPV.0165.015	Wall Modular Block Gravity Landscape (L05 – Sta. 659+68)	SF

Payment is full compensation for supplying a design and shop drawings; preparing the site, including all necessary excavation and disposal of materials; supplying all necessary wall components to produce a functional wall system including cap, copings, leveling pad, and leveling pad steps; constructing the retaining system and providing temporary drainage; providing backfill, backfilling, compacting, developing/completing/documenting the quality management program, and performing compaction testing.

The department will pay separately for railings, and other items above the wall cap or coping.

- 85. Wall Modular Block Gravity (R-56-0038), Item SPV.0165.016;
Wall Modular Block Gravity (R-56-0039), Item SPV.0165.017;
Wall Modular Block Gravity (R-56-0041), Item SPV.0165.018;
Wall Modular Block Gravity (R-56-0043), Item SPV.0165.019;;
Wall Modular Block Gravity (R-56-0046), Item SPV.0165.022;
Wall Modular Block Gravity (R-56-0047), Item SPV.0165.023;
Wall Modular Block Gravity (R-56-0048), Item SPV.0165.024.**

A Description

This special provision describes designing, furnishing materials and erecting a permanent earth retention system in accordance to the lines, dimension, elevations and details as shown on the plans and provided in the contract. The design life of the wall and all wall components shall be 75 years minimum.

B Materials

B.1 Proprietary Wall Systems

The supplied wall system must be from the department's approved list of Modular Block Gravity Wall systems. Proprietary wall systems must conform to the requirements of this specification and be pre-approved for use by the department's Bureau of Structures. The department maintains a list of pre-approved proprietary wall systems. See the approved products list titled "Proprietary Retaining Wall System Vendors." The name of the pre-approved proprietary wall system selected shall be furnished to the engineer within 25 days after the award of contract. The department also maintains a separate list of plants pre-approved by the department to provide wall facing units. See the approved products list titled "Precast Concrete and Block Fabricators." The identity of the plant manufacturing the facing units shall be furnished to the engineer at least 14 days prior to the project delivery.

To be eligible for use on this project, a system must have been pre-approved by the Bureau of Structures and added to that list prior to the bid closing date. To receive pre-approval, the retaining wall system must comply with all pertinent requirements of this provision and be prepared in accordance to the requirements of Chapter 14 of the department's LRFD Bridge Manual. Information and assistance with the pre-approval process can be obtained by contacting the Bureau of Structures, Structures Maintenance Section at the following email address: DOTDLStructuresFabrication@dot.wi.gov.

To be eligible to provide wall facing units for this project, a block manufacturing plant must be pre-approved by the Bureau of Technical Services and added to that list prior to the bid closing date. Information and assistance with the pre-approval process can be obtained by contacting the Bureau of Technical Services at the following email address: DOTProductSubmittal@wisconsin.gov.

B.2 Design Requirements

It is the responsibility of the Contractor to submit a design and supporting documentation as required by this special provision, for review and acceptance by the department, to show the proposed wall design conforms to the design specifications. The submittal shall include the following items for review: detailed plans and shop drawings, complete design calculations, explanatory notes, supporting materials, and specifications. The detailed plans and shop drawings shall include all details, dimensions, quantities and cross-sections necessary to construct the walls. Submit shop drawings to the engineer conforming to 105.2 with electronic submittal to the fabrication library under 105.2.2. Certify that shop drawings conform to quality control standards by submitting department form DT2329 with each set of shop drawings. Department review does not relieve the contractor from responsibility for errors or omissions on shop drawings. Submit no later than 60 days from the date of notification to proceed with the project and a minimum of 30 days prior to the date proposed to begin wall construction.

The plans and shop drawings shall be prepared on reproducible sheets 11 inch x 17 inch, including borders. Each sheet shall have a title block in the lower right corner. The title block shall include the WisDOT project identification number and structure number. Design calculations and notes shall be on 8 ½ inch x 11 inch

sheets, and shall contain the project identification number, name or designation of the wall, date of preparation, initials of designer and checker, and page number at the top of the page. All plans, shop drawings, and calculations shall be signed, sealed and dated by a professional engineer licensed in the State of Wisconsin.

The design of the wall shall be in compliance with the current American Association of State Highway and Transportation Officials LRFD (AASHTO LRFD) Bridge Design Specifications with latest interim specifications for Mechanically Stabilized Earth Walls, WisDOT's current Standard Specifications for Highway and Structure Construction (standard spec), Chapter 14 of the WisDOT LRFD Bridge Manual and standard engineering design procedures as determined by the Department. Loads, load combinations, load and resistance factors shall be as specified in AASHTO LRFD Section 11. The associated resistance factors shall be defined in accordance with Table 11.5.7-1 in AASHTO LRFD.

Design and construct the walls in accordance to the lines, grades, heights and dimensions shown on the plans, as herein specified, and as directed by the engineer.

Walls shall be designed for a minimum live load surcharge of 100 psf in accordance with Chapter 14 of the WisDOT LRFD Bridge Manual or as shown on the plans.

A maximum value of the angle of internal friction of the wall backfill material used for design shall be assumed to be 30 degrees without a certified report of tests. If a certified report of tests yields an angle of internal friction greater than 30 degrees, the larger test value may be used for design, up to a maximum value of 36 degrees.

An external stability check at critical wall stations showing Capacity Demand Ratio (CDR) for sliding, eccentricity, and bearing checks is provided by the department and are provided on the wall plans.

The design of the wall by the Contractor shall consider the internal and compound stability of the wall mass in accordance with AASHTO LRFD 11.10.6. Internal stability shall also be considered at each block level. Calculations for factored stresses and resistances shall be based upon assumed conditions at the end of the design life. The width of the modular block (front face to back face) shall be included in the design computations and shown on the wall shop drawings. Blocks must have a minimum width of 8 inches. Block widths may vary among courses, but shall consist of only a single block. Compound stability shall be computed for the applicable strength limits. Sample analyses and hand calculations shall be submitted to verify the output of any software program used. The design calculations and notes shall clearly indicate the Capacity to Demand Ratios (CDR) for all internal and external stabilities as defined in AASHTO LRFD.

Wall facing units shall be designed in accordance with AASHTO LRFD 11.10.2.3.

The minimum embedment of the wall shall be 1 foot 6 inches below finished grade, or as given on the plans. All walls shall be provided with a concrete leveling pad. Minimum wall embedment does not include the leveling pad depth. Step the leveling pad to follow the general slope of the ground line. Frost depth shall not be considered in designing the wall for depth of leveling pad.

Wall facing units shall be installed on a leveling pad.

B.3 Wall System Components

Materials furnished for wall system components under this contract shall conform to the requirements of this specification. All documentation related to material and components of the wall systems specified in this subsection shall be submitted to the engineer.

B.3.1 Wall Facing

Wall facing units shall consist of precast modular concrete blocks. Furnish concrete produced by a wet-cast process. Concrete for all blocks shall not contain less than 565 pounds of cementitious materials per cubic yard. The contractor may use cement conforming to standard spec. 501.2.1 or may substitute for Portland cement at the time of batching conforming to standard spec. 501.2.6 for fly, 501.2.7 for slag, or 501.2.8 for other pozzolans. In either case the maximum total supplementary cementitious content is limited to 30% of the total cementitious content by weight.

Dry-cast concrete blocks will not be accepted.

All units shall incorporate a mechanism or devices that develop a mechanical connection between vertical block layers. Units that are broken, have cracks wider than 0.02" and longer than 25% of the nominal height of the unit, chips larger than 1", have excessive efflorescence, or are otherwise deemed unacceptable by the engineer, shall not be used within the wall. A single block front face style shall be used throughout each wall and block front face style shall match for the following walls: R-56-0038, R-56-0039, R-56-0041, R-56-

0044, R-56-0045, R-56-0046, R-56-0047 and R-56-0048. The color and surface texture of the block shall be as given on the plan.

The top course of facing units shall be as noted on the plans, either;

- Solid precast concrete unit designed to be compatible with the remainder of the wall. The finishing course shall be bonded to the underlying facing units with a durable, high strength, flexible adhesive compound compatible with the block material.
- A formed cast-in-place concrete cap. A cap of this type shall have texture, color, and appearance, as noted on the plans. The vertical dimension of the cap shall not be less than 3 1/2 inches. Expansion joints shall be placed in the cap at a maximum spacing of 20 feet unless noted otherwise on the plan. Use Grade A concrete conforming to standard spec 501 as modified in standard spec 716. Provide QMP for cast in place cap and coping concrete as specified in standard spec 716, Class II Concrete.

Block dimensions may vary no more than $\pm 1/8$ inch from the standard values published by the manufacturer. Blocks must have a minimum width (front face to back face) of 8 inches. The minimum front face thickness of blocks shall be 4 inches measured perpendicular from the front face to inside voids greater than 4 square inches. The minimum allowed thickness of any other portions of the block is $1\frac{3}{4}$ inches. The front face of the blocks shall conform to plan requirements for color, texture, or patterns.

If pins are used to align modular block facing units, they shall consist of a non-degrading polymer, or hot dipping galvanized steel and be made for the express use with the modular block units supplied, to develop mechanical interlock between facing unit block layers. Connecting pins shall be capable of holding the wall in the proper position during backfilling. Furnish documentation that establishes and substantiates the design life of such devices.

All block materials shall be furnished palletted and banded, with every pallet marked for quantity, lot number, lot size, manufacturing plant, and manufacturing date(s). Materials furnished loose or unmarked will be rejected. Rejected materials shall be removed from the project at no cost to the Department.

B.3.1.1 Material Testing

Perform or procure quality control testing of project materials according to the following requirements:

Test	Method	Requirement
		Wet-cast
Compressive Strength (psi)	ASTM C140 or ASTM C39 [4]	4000 min.
Air Content (%)	AASHTO T152 [4]	6.0 +/-1.5

[4] The manufacturer may perform their own quality control testing under ASTM C140/Compressive Strength, ASTM C39, and AASHTO T152, if qualified for this work under the requirements for plant certification.

The contractor and fabricator shall coordinate with the independent testing agent (if used) to ensure that strength and air content samples can be taken appropriately during manufacturing. At the time of delivery of materials, furnish the engineer a certified report of test from an AASHTO-registered or ASTM-accredited independent testing laboratory for each lot furnished.

The certified test report shall include the following:

- Project ID
- Production process used (dry-cast or wet-cast)
- Name and location of testing facility
- Name of sampling technician
- Lot number, lot size, and date(s) of fabrication

Quality control testing of project materials shall be completed not more than 18 months prior to delivery. Lot size shall not exceed the maximum testing frequencies, which shall not exceed the lesser of 150 CY or 1 day's production for wet-cast blocks. Test results will represent all blocks within the lot. Each pallet of blocks delivered shall bear lot identification information. Block lots that do not meet the requirements of this specification or blocks without supporting reports will be rejected and shall be removed from the project at no expense to the department.

Nonconforming materials will be subject to evaluation according to standard spec 106.5.

B.3.2 Leveling Pad

Provide an unreinforced cast-in-place concrete leveling pad. Use Grade A concrete conforming to standard spec 501 as modified in standard spec 716. Provide QMP for leveling pad concrete as specified in standard spec 716, Class III Concrete.

The minimum width of the concrete leveling pad shall be as wide as the proposed blocks plus 6-inches, with 6-inches of the leveling pad extending beyond the front face of the blocks. The minimum thickness of the leveling pad shall be 6-inches.

B.3.3 Backfill

Furnish and place backfill for the wall as shown on the plans and as hereinafter provided.

Wall Backfill, Type A, shall comply with No. 67 Coarse Aggregate Size per AASHTO M43. All backfill placed within a zone from the top of the leveling pad to the top of the final layer of wall facing units and within 1 foot behind the back face of the wall shall be Wall Backfill, Type A. This includes all material used to fill openings in the wall facing units.

Sieve Size	% by Weight Passing (No. 67 Coarse Aggregate size per AASHTO M43)
1 inch	100
3/4-inch	90 - 100
3/8-inch	20-55
No. 4	0 - 10
No. 8	0 - 5

A layer of Geotextile Type "DF" (Schedule B) shall be placed vertically between the backfill and the Type A backfill. The geotextile shall extend from the top of the leveling pad to 6 inches below the surface of the retained soil. The geotextile shall then wrap across the top of the Type A backfill to the back of block wall facing.

Backfill placed between retained soil and Type A backfill shall comply with the requirements for Granular Backfill Grade 1 as contained in 209.2.2 of the standard spec. The Contractor may substitute Type A Backfill for Granular Backfill Grade 1.

C Construction

C.1 Excavation and Backfill

Excavation and preparation of the foundation for the wall and the leveling pad shall be in accordance to standard spec 206. At the end of each working day, provide good temporary drainage such that the backfill shall not become contaminated with run-off soil or water if it should rain. Do not stockpile or store materials or large equipment within 10 feet of the back of the wall.

Place backfill materials in the areas as indicated on the plans and as detailed in this specification. Backfill lifts shall be no more than 8-inches in depth, after compaction. Backfilling shall closely follow erection of each course of wall facing units.

Conduct backfilling operations in such a manner as to prevent damage or misalignment of the wall facing units or other wall components. At no expense to the department, correct any such damage or misalignment as directed by the engineer. A field representative of the wall supplier shall be available during wall construction to provide technical assistance to the contractor and the engineer.

Do not operate tracked or wheeled equipment on the backfill within 3 feet from the back face of modular blocks. The engineer may order the removal of any large or heavy equipment that may cause damage or misalignment of the wall facing units.

C.2 Compaction

Compact wall backfill Type A with at least three passes of lightweight manually operated compaction equipment acceptable to the engineer.

Ensure adequate moisture is present in the backfill during placement and compaction to prevent segregation and to help achieve compaction.

Compaction of backfill within 3 feet of the back face of the wall should be accomplished using lightweight compaction devices. Use of heavy compaction equipment or vehicles should be avoided within 3 feet of the modular blocks.

C.3 Wall Components

C.3.1 General

Erect wall facing units and other associated elements according to the wall manufacturer's construction guide and to the lines, elevations, batter, and tolerances as shown on the plans. Center the initial layer of facing units on the leveling pad; then level them and properly align them. Fill formed voids or openings in the facing units with wall backfill, Type A. Remove all debris on the top of each layer of facing units, before placing the next layer of facing units.

Install all pins, rods, clips, or other devices used to develop mechanical interlock between facing unit layers in accordance with the manufacturer's directions.

C.3.2 Leveling Pad

Provide an unreinforced cast-in-place concrete leveling pad as shown on the plans.

Vertical tolerances shall not exceed 3/4-inch when measured along a 10-foot straight edge. Allow the concrete to set at least 12 hours prior to placing wall facing units.

The bottom row of wall facing units shall be horizontal and 100% of the unit surface shall bear on the leveling pad.

C.4 Geotechnical Information

Geotechnical data to be used in the design of the wall is given on the wall plan. After completing wall excavation, notify the department and allow the Regional Soils Engineer two working days to review the foundation.

D Measurement

The department will measure Wall Modular Block Gravity by the square foot acceptably completed. The department will compute the measured quantity from the theoretical pay limits the contract plans show. The department will make no allowance for wall area constructed above or below the theoretical pay limits. All work beyond the theoretical pay limits is incidental to the cost of work. The department will make no allowance for as-built quantities.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.016	Wall Modular Block Gravity(R-56-0038)	SF
SPV.0165.017	Wall Modular Block Gravity(R-56-0039)	SF
SPV.0165.018	Wall Modular Block Gravity(R-56-0041)	SF
SPV.0165.019	Wall Modular Block Gravity(R-56-0043)	SF
SPV.0165.020	Wall Modular Block Gravity(R-56-0044)	SF
SPV.0165.021	Wall Modular Block Gravity(R-56-0045)	SF
SPV.0165.022	Wall Modular Block Gravity(R-56-0046)	SF
SPV.0165.023	Wall Modular Block Gravity(R-56-0047)	SF
SPV.0165.024	Wall Modular Block Gravity(R-56-0048)	SF

Payment is full compensation for supplying a design and shop drawings; preparing the site, including all necessary excavation and disposal of materials; supplying all necessary wall components to produce a functional wall system including cap, copings, leveling pad, and leveling pad steps; constructing the retaining system and providing temporary drainage; providing backfill, backfilling, compacting, developing/completing/ documenting the quality management program, and performing compaction testing.

The department will pay separately for parapets, traffic barriers, railings, and other items above the wall cap or coping.

**86. Wall Modular Block Mechanically Stabilized Earth (R-56-0044), Item SPV.0165.025;
Wall Modular Block Mechanically Stabilized Earth (R-56-0045), Item SPV.0165.026.**

A Description

This special provision describes designing, furnishing materials and erecting a permanent earth retention system in accordance to the lines, dimension, elevations and details as shown on the plans and provided in the contract. The design life of the wall and all wall components shall be 75 years minimum.

This special provision describes the quality management program (QMP) for Mechanically Stabilized Earth (MSE) walls. A quality management program is defined as all activities, including process control, inspection, sampling and testing, and necessary adjustments in the process that are related to the construction of the MSE wall, which meets all the requirements of this provision.

This special provision describes contractor quality control (QC) sampling and testing for backfill density testing, documenting those results, and documenting related production and placement process changes. This special provision also describes department quality verification (QV), independent assurance (IA), and dispute resolution.

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

B Materials

B.1 Proprietary Wall Systems

The supplied wall system must be from the department's approved list of Modular Block Mechanically Stabilized Earth Wall systems. Proprietary wall systems must conform to the requirements of this specification and be pre-approved for use by the department's Bureau of Structures. The department maintains a list of pre-approved proprietary wall systems. See the approved products list titled "Proprietary Retaining Wall System Vendors." The name of the pre-approved proprietary wall system selected shall be furnished to the engineer within 25 days after the award of contract. The department also maintains a separate list of plants pre-approved by the department to provide wall facing units. See the approved products list titled "Precast Concrete and Block Fabricators." The identity of the plant manufacturing the facing units shall be furnished to the engineer at least 14 days prior to the project delivery.

To be eligible for use on this project, a system must have been pre-approved by the Bureau of Structures and added to that list prior to the bid closing date. To receive pre-approval, the retaining wall system must comply with all pertinent requirements of this provision and be prepared in accordance to the requirements of Chapter 14 of the department's LRFD Bridge Manual. Information and assistance with the pre-approval process can be obtained by contacting the Bureau of Structures, Structures Maintenance Section at the following email address: DOTDLStructuresFabrication@dot.wi.gov.

To be eligible to provide wall facing units for this project, a block manufacturing plant must be pre-approved by the Bureau of Technical Services and added to that list prior to the bid closing date. Information and assistance with the pre-approval process can be obtained by contacting the Bureau of Technical Services at the following email address: DOTProductSubmittal@wisconsin.gov.

B.2 Design Requirements

It is the responsibility of the Contractor to submit a design and supporting documentation as required by this special provision, for review and acceptance by the department, to show the proposed wall design conforms to the design specifications. The submittal shall include the following items for review: detailed plans and shop drawings, complete design calculations, explanatory notes, supporting materials, and specifications. The detailed plans and shop drawings shall include all details, dimensions, quantities and cross-sections necessary to construct the walls. Submit shop drawings to the engineer conforming to 105.2 with electronic submittal to the fabrication library under 105.2.2. Certify that shop drawings conform to quality control standards by submitting department form DT2329 with each set of shop drawings. Department review does not relieve the contractor from responsibility for errors or omissions on shop drawings. Submit no later than 60 days from the date of notification to proceed with the project and a minimum of 30 days prior to the date proposed to begin wall construction.

The plans and shop drawings shall be prepared on reproducible sheets 11 inch x 17 inch, including borders. Each sheet shall have a title block in the lower right corner. The title block shall include the WisDOT project identification number and structure number. Design calculations and notes shall be on 8 ½ inch x 11 inch sheets, and shall contain the project identification number, name or designation of the wall, date of preparation, initials of designer and checker, and page number at the top of the page. All plans, shop

drawings, and calculations shall be signed, sealed and dated by a professional engineer licensed in the State of Wisconsin.

The design of the wall shall conform to the current American Association of State Highway and Transportation Officials LRFD (AASHTO LRFD) Bridge Design Specifications with latest interim specifications for Mechanically Stabilized Earth Walls, WisDOT's current Standard Specifications for Highway and Structure Construction (standard spec), Chapter 14 of the WisDOT LRFD Bridge Manual and standard engineering design procedures as determined by the Department. Loads, load combinations, load and resistance factors shall be as specified in AASHTO LRFD Section 11. The associated resistance factors shall be defined in accordance with Table 11.5.7-1 in AASHTO LRFD.

Design and construct the walls in accordance to the lines, grades, heights and dimensions shown on the plans, as herein specified, and as directed by the engineer.

Walls parallel to supporting highway traffic shall be designed for the effects of highway surcharge loading equivalent of 2 feet soil surcharge weight or 240 psf. The design shall also consider the traffic barrier impact where applicable. Walls that do not carry highway traffic shall be designed for a live load surcharge of 100 psf in accordance with Chapter 14 of the WisDOT LRFD Bridge Manual or as stated on the plans.

A maximum value of the angle of internal friction of the wall backfill material used for design shall be assumed to be 30 degrees without a certified report of tests. If a certified report of tests yields an angle of internal friction greater than 30 degrees, the larger test value may be used for design, up to a maximum value of 36 degrees.

An external stability check at critical wall stations showing Capacity Demand Ratio (CDR) for sliding, eccentricity, and bearing checks is provided by the department and are provided on the wall plans.

The design of the wall by the Contractor shall consider the internal and compound stability of the wall mass in accordance with AASHTO LRFD 11.10.6. The internal stability shall include soil reinforcement pullout, soil reinforcement rupture, and wall facing-reinforcement connection failure at each soil reinforcement level. The design shall be performed using the Simplified Method or Coherent Gravity Method. Calculations for factored stresses and resistances shall be based upon assumed conditions at the end of the design life. Compound stability shall be computed for the applicable strength limits. Sample analyses and hand calculations shall be submitted to verify the output of any software used. The design calculations and notes shall clearly indicate the Capacity to Demand Ratios (CDR) for all internal and external stabilities as defined in AASHTO LRFD.

Wall facing units shall be designed in accordance with AASHTO LRFD 11.10.2.3.

The minimum length of soil reinforcement measured from the back face of the wall shall be equal to 0.7 of the wall height, or as shown on the plan. In no case shall this length be less than 6.0 feet. The soil reinforcement length shall be the same from the bottom to the top of the wall. All soil reinforcement layers shall be connected to facings. The soil reinforcement shall extend a minimum of 3.0 feet beyond the theoretical failure plane in all cases. The maximum vertical spacing of soil reinforcement layers shall be two times the block width (front face to back face) or 32 inches, whichever is less. The first (bottom) layer of reinforcement shall be placed no further than 12 inches above the top of the leveling pad or the height of the block, but at least one block height above the leveling pad. The last (top) layer of soil reinforcement shall be no further than 21 inches below the top of the uppermost block.

All soil reinforcement required for the reinforced soil zone shall be connected to the wall facing.

Soil reinforcement shall be fabricated or designed to avoid piling, drainage structures or other obstacles in the fill without field modifications. Unless approved by the Bureau of Structures cutting or altering of the basic structural section of either the strip or grid at the site is prohibited, a minimum clearance of 3" shall be maintained between any obstruction and reinforcement, and splicing reinforcement is not allowed.

The minimum embedment of the wall shall be 1 foot 6 inches below finished grade, or as given on the plans. All walls shall be provided with a concrete leveling pad. Minimum wall embedment does not include the leveling pad depth. Step the leveling pad to follow the general slope of the ground line. Frost depth shall not be considered in designing the wall for depth of leveling pad.

Wall facing units shall be installed on a leveling pad.

B.3 Wall System Components

Materials furnished for wall system components under this contract shall conform to the requirements of this specification. All documentation related to material and components of the wall systems specified in this subsection shall be submitted to the engineer.

B.3.1 Wall Facing

Wall facing units shall consist of precast modular concrete blocks. Furnish concrete produced by a wet-cast process. Concrete for all blocks shall not contain less than 565 pounds of cementitious materials per cubic yard. The contractor may use cement conforming to standard spec. 501.2.1 or may substitute for Portland cement at the time of batching conforming to standard spec. 501.2.6 for fly, 501.2.7 for slag, or 501.2.8 for other pozzolans. In either case the maximum total supplementary cementitious content is limited to 30% of the total cementitious content by weight.

Dry-cast concrete blocks will not be accepted.

All units shall incorporate a mechanism or devices that develop a mechanical connection between vertical block layers. Units that are broken, have cracks wider than 0.02" and longer than 25% of the nominal height of the unit, chips larger than 1", have excessive efflorescence, or are otherwise deemed unacceptable by the engineer, shall not be used within the wall. A single block front face style shall be used throughout each wall and block front face style shall match for the following walls: R-56-0038, R-56-0039, R-56-0041, R-56-0044, R-56-0045, R-56-0046, R-56-0047 and R-56-0048. The color and surface texture of the block shall be as given on the plan.

The top course of facing units shall be as noted on the plans, either;

Solid precast concrete unit designed to be compatible with the remainder of the wall. The finishing course shall be bonded to the underlying facing units with a durable, high strength, flexible adhesive compound compatible with the block material.

A formed cast-in-place concrete cap. A cap of this type shall have texture, color, and appearance, as noted on the plans. The vertical dimension of the cap shall not be less than 3 1/2 inches. Expansion joints shall be placed in the cap at a maximum spacing of 20 feet unless noted otherwise on the plan. Use Grade A concrete conforming to standard spec 501 as modified in standard spec 716. Provide QMP for cast in place cap and coping concrete as specified in standard spec 716, Class II Concrete.

Block dimensions may vary no more than $\pm 1/8$ inch from the standard values published by the manufacturer. Blocks must have a minimum width (front face to back face) of 8 inches. The minimum front face thickness of blocks shall be 4 inches measured perpendicular from the front face to inside voids greater than 4 square inches. The minimum allowed thickness of any other portions of the block is 1 3/4 inches. The front face of the blocks shall conform to plan requirements for color, texture, or patterns.

If pins are used to align modular block facing units, they shall consist of a non-degrading polymer, or hot dipping galvanized steel and be made for the express use with the modular block units supplied, to develop mechanical interlock between facing unit block layers. Connecting pins shall be capable of holding the wall in the proper position during backfilling. Furnish documentation that establishes and substantiates the design life of such devices.

All block materials shall be furnished palletted and banded, with every pallet marked for quantity, lot number, lot size, manufacturing plant, and manufacturing date(s). Materials furnished loose or unmarked will be rejected. Rejected materials shall be removed from the project at no cost to the Department.

B.3.1.1 Material Testing

Perform or procure quality control testing of project materials according to the following requirements:

Test	Method	Requirement
		Wet-cast
Compressive Strength (psi)	ASTM C140 or ASTM C39 [4]	4000 min.
Air Content (%)	AASHTO T152 [4]	6.0 +/-1.5

[4] The manufacturer may perform their own quality control testing under ASTM C140/Compressive Strength, ASTM C39, and AASHTO T152, if qualified for this work under the requirements for plant certification.

The contractor and fabricator shall coordinate with the independent testing agent (if used) to ensure that strength and air content samples can be taken appropriately during manufacturing. At the time of delivery of materials, furnish the engineer a certified report of test from an AASHTO-registered or ASTM-accredited independent testing laboratory for each lot furnished.

The certified test report shall include the following:

Project ID

Production process used (dry-cast or wet-cast)

Name and location of testing facility

Name of sampling technician

Lot number, lot size, and date(s) of fabrication.

Quality control testing of project materials shall be completed not more than 18 months prior to delivery. Lot size shall not exceed the maximum testing frequencies, which shall not exceed the lesser of 150 CY or 1 day's production for wet-cast blocks. Test results will represent all blocks within the lot. Each pallet of blocks delivered shall bear lot identification information. Block lots that do not meet the requirements of this specification or blocks without supporting reports will be rejected and shall be removed from the project at no expense to the department.

Nonconforming materials will be subject to evaluation according to standard spec 106.5.

B.3.2 Leveling Pad

Provide an unreinforced cast-in-place concrete leveling pad. Use Grade A concrete conforming to standard spec 501 as modified in standard spec 716. Provide QMP for leveling pad concrete as specified in standard spec 716, Class III Concrete.

The minimum width of the concrete leveling pad shall be as wide as the proposed blocks plus 6-inches, with 6-inches of the leveling pad extending beyond the front face of the blocks. The minimum thickness of the leveling pad shall be 6-inches.

B.3.3 Backfill

Furnish and place backfill for the wall as shown on the plans and as hereinafter provided.

Wall Backfill, Type A, shall comply with No. 67 Coarse Aggregate Size per AASHTO M43. All backfill placed within a zone from the top of the leveling pad to the top of the final layer of wall facing units and within 1 foot behind the back face of the wall shall be Wall Backfill, Type A. This includes all material used to fill openings in the wall facing units.

Sieve Size	% by Weight Passing (No. 67 Coarse Aggregate size per AASHTO M43)
1 inch	100
3/4-inch	90 - 100
3/8-inch	20-55
No. 4	0 - 10
No. 8	0 - 5

Wall Backfill, Type B, shall be placed in a zone extending horizontally from 1 foot behind the back face of the wall to 1 foot beyond the end of the reinforcement and extending vertically from the top of the leveling pad to a minimum of 3 inches above the final reinforcement layer.

Use natural sand or a mixture of sand with gravel, crushed gravel or crushed stone. Do not use foundry sand, bottom ash, blast furnace slag, crushed/recycled concrete, crushed/milled asphaltic concrete or other potentially corrosive material.

Provide material conforming to the following gradation requirements as per AASHTO T27.

Sieve Size	% by Weight Passing
1 inch	100
No. 40	0 - 60
No. 200	0 - 15

The material shall have a liquid limit not greater than 25, as per AASHTO T89, and a plasticity index not greater than 6, as per AASHTO T90. Provide the percent by weight, passing the #4 sieve.

In addition, backfill material Type A and Type B shall meet the following requirements.

Test	Method	Value
------	--------	-------

pH	AASHTO T-289	4.5-9.0
Sulfate content ^[1]	AASHTO T-290	200 ppm max.
Chloride content ^[1]	AASHTO T-291	100 ppm max.
Electrical Resistivity ^[1]	AASHTO T-288	3000 ohm-cm min.
Organic Content ^[1]	AASHTO T-267	1.0% max.
Angle of Internal Friction	AASHTO T-236 ^[2]	30 degrees min. (At 95.0% of maximum density and optimum moisture, per AASHTO T99, or as modified by C.2)

[1] Requirement does not apply to walls with non-metallic reinforcement and non-metallic connectors.

[2] If the amount of P-4 material is greater than 60%, use AASHTO 236 with a standard-size shear box. Test results of this method may allow the use of larger angles of internal friction, up to the maximum allowed by this specification.

If the amount of P-4 material is less than or equal to 60%, two options are available to determine the angle of internal friction. The first method is to perform a fractured faces count, per ASTM D5821, on the R-4 material. If more than 90% of the material is fractured on one face and more than 50% is fractured on two faces, the material meets the specifications and the angle of internal friction can be assumed to be 30 degrees. The second method allows testing all P-1" material, as per AASHTO T-236, with a large shear box. Test results of this second method may allow the use of larger angles of internal friction, up to the maximum allowed by this specification.

Prior to placement of the backfill, obtain and furnish to the engineer a certified report of test results that the backfill material complies with the requirements of this specification. Specify the method used to determine the angle of internal friction. This certified report of test shall be less than 6 months old. Tests will be performed by a certified independent laboratory. In addition, when backfill characteristics and/or sources change, provide a certified report of tests for the new backfill material. Additional certified report of tests are also required. These additional backfill tests may be completed at the time of material production or material placement, with concurrence of the engineer. If this additional testing is completed at the time of material production, complete testing for every 2000 cubic yards of backfill or portion thereof. If this additional testing is completed at the time of material placement, complete testing for every 2000 cubic yards of backfill, or portion thereof, used per wall. For the additional required testing for every 2000 cubic yards of backfill placement, if the characteristic of the backfill and/or the source has not changed then Angle of Internal Friction tests are not included in the additional required testing. All certified reports of test results shall be less than 6 months old and performed by a certified independent laboratory.

B.3.4 Soil Reinforcement

B.3.4.1 Geogrids

Geogrid supplied as reinforcing members shall be manufactured from long chain polymers limited to polypropylene, high-density polyethylene, polyaramid, and polyester. Geogrids shall form a uniform rectangular grid of bonded, formed, or fused polymer tensile strands crossing with a nominal right angle orientation. The minimum grid aperture shall be 0.5 inch. The geogrid shall maintain dimension stability during handling, placing, and installation. The geogrid shall be insect, rodent, mildew, and rot resistant. The geogrid shall be furnished in a protective wrapping that shall prevent exposure to ultraviolet radiation and damage from shipping or handling. The geogrid shall be kept dry until installed. Each roll shall be clearly marked to identify the material contained.

The wall supplier shall provide the nominal long-term design strength (T_{al}) and nominal long-term connection strength, T_{alc} in accordance with AASHTO LRFD 11.10.6.4. Values for RF_{ID} , RF_{CR} , and RF_D shall be determined from product specific test results. Even with project-specific test results, RF_{ID} shall not be less than 1.10, RF_{CR} shall not be less than 1.20, and RF_D shall not be less than 1.10.

The Contractor shall provide a manufacturer's certificate that the Tult (MARV) of the supplied geogrid has been determined in accordance with ASTM D4595 or ASTM D6637 as appropriate. Contractor shall also provide block to block and block to reinforcement connection test reports prepared and certified by an independent laboratory. Also provide calculations in accordance with AASHTO LRFD, and using the results of laboratory tests, that the block-geogrid connections shall be capable of resisting 100% of the maximum tension load in the soil reinforcements at any level within the wall, for the design life of the wall system.

B.3.4.2 Galvanized Metal Reinforcement

In lieu of polymeric geogrid earth reinforcement, galvanized metal reinforcement may be used. Design and materials shall be in accordance with AASHTO LRFD 11.10.6.4.2. The design life of steel soil reinforcements shall also comply with AASHTO LRFD. Steel soil reinforcement shall be prefabricated into single or multiple elements before galvanizing.

C Construction

C.1 Excavation and Backfill

Excavation and preparation of the foundation for the MSE wall and the leveling pad shall be in accordance with standard spec 206. The volume of excavation covered is limited to the width of the reinforced mass and to the depth of the leveling pad unless shown or noted otherwise on the plan. At the end of each working day, provide good temporary drainage such that the backfill shall not become contaminated with run-off soil or water if it should rain. Do not stockpile or store materials or large equipment within 10 feet of the back of the wall.

Place backfill materials in the areas as indicated on the plans and as detailed in this specification. Backfill lifts shall be no more than 8-inches in depth, after compaction. Backfilling shall closely follow erection of each course of wall facing units.

Conduct backfilling operations in such a manner as to prevent damage or misalignment of the wall facing units, soil reinforcement, or other wall components. At no expense to the department, correct any such damage or misalignment as directed by the engineer. A field representative of the wall supplier shall be available during wall construction to provide technical assistance to the contractor and the engineer.

Place and compact the MSE backfill to the level of the next higher layer of MSE reinforcement before placing the MSE reinforcement or connecting it to the wall facing. Place and compact material beyond the reinforced soil zone to allow for proper compaction of material within the reinforced zone. The MSE reinforcement shall lay horizontally on top of the most recently placed and compacted layer of MSE backfill.

Do not operate tracked or wheeled equipment on the backfill within 3 feet from the back face of modular blocks. The engineer may order the removal of any large or heavy equipment that may cause damage or misalignment of the wall facing units.

C.2 Compaction

Compact wall backfill Type A with at least three passes of lightweight manually operated compaction equipment acceptable to the engineer.

Compact all backfill Type B as specified in standard spec 207.3.6. Compact the backfill Type B to 95.0% of maximum dry density as determined by AASHTO T-99 (modified to compute densities to the nearest 0.1 pcf).

Ensure adequate moisture is present in the backfill during placement and compaction to prevent segregation and to help achieve compaction.

Compaction of backfill within 3 feet of the back face of the wall should be accomplished using lightweight compaction devices. Use of heavy compaction equipment or vehicles should be avoided within 3 feet of the modular blocks. Do not use sheepsfoot or padfoot rollers within the reinforced soil zone.

A minimum of 6 inches of backfill shall be placed over the MSE reinforcement prior to working above the reinforcement.

C.3 Wall Components

C.3.1 General

Erect wall facing units and other associated elements according to the wall manufacturer's construction guide and to the lines, elevations, batter, and tolerances as shown on the plans. Center the initial layer of facing units on the leveling pad; then level them and properly align them. Fill formed voids or openings in the facing units with wall backfill, Type A. Remove all debris on the top of each layer of facing units, before placing the next layer of facing units.

Install all pins, rods, clips, or other devices used to develop mechanical interlock between facing unit layers in accordance with the manufacturer's directions.

The MSE reinforcement shall lay horizontally on the top of the most recently placed and compacted layer of MSE backfill. Bending of MSE reinforcement that result in a kink in the reinforcement shall not be allowed. If skewing of the reinforcement is required due to obstructions in the reinforced fill, the maximum skew

angle shall not exceed 15 degrees from the normal position unless a greater angle is shown on the plans. The adequacy of the skewed reinforcement in such a case shall be addressed by supporting calculations.

C.3.2 Leveling Pad

Provide an unreinforced cast-in-place concrete leveling pad as shown on the plans.

Vertical tolerances shall not exceed 3/4-inch when measured along a 10-foot straight edge. Allow the concrete to set at least 12 hours prior to placing wall facing units.

The bottom row of wall facing units shall be horizontal and 100% of the unit surface shall bear on the leveling pad.

C.3.3 Soil Reinforcement

C.3.3.1 Geogrid Layers

Place soil reinforcement at the positions and to the lengths as indicated on the accepted shop drawings. Take care that backfill placement over the positioned soil reinforcement elements does not cause damage or misalignment of these elements. Correct any such damage or misalignment as directed by the engineer. Do not operate wheeled or tracked equipment directly on the soil reinforcement. A minimum cover of 6 inches is required before such operation is allowed.

Place and anchor geogrid material between wall unit layers in the same manner as used to determine the Geogrid Block-to-Connection Strength. Place the grid material so that the machine direction of the grid is perpendicular to the wall face. Each grid layer shall be continuous throughout the lengths indicated on the plans. Join grid strips with straps, rings, hooks or other mechanical devices to prevent movement during backfilling operations. Prior to placing backfill on the grid, pull the grid taut and hold in position with pins, stakes or other methods approved by the engineer.

C.3.3.2 Steel Layers

Place the steel reinforcement full width in one piece as shown on the plans. No splicing will be allowed. Maintain elements in position during backfilling.

C.4 Quality Management Program

C.4.1 Quality Control Plan

Submit a comprehensive written quality control plan to the engineer at or before the pre-construction meeting. Do not perform MSE wall construction work before the engineer reviews and accepts the plan. Construct the project as the plan provides.

Do not change the quality control plan without the engineer's review and acceptance. Update the plan with changes as they become effective. Provide a current copy of the plan to the engineer and post in the contractor's laboratory as changes are adopted. Ensure that the plan provides the following elements:

An organizational chart with names, telephone numbers, current certifications and/or titles, and roles and responsibilities of QC personnel.

The process used to disseminate QC information and corrective action efforts to the appropriate persons. Include a list of recipients, the communication process that will be used, and action time frames.

A list of source locations, section and quarter descriptions, for all aggregate materials requiring QC testing.

Descriptions of stockpiling and hauling methods.

An outline for resolving a process control problem. Include responsible personnel, required documentation, and appropriate communication steps.

Location of the QC laboratory, retained sample storage, and other documentation.

A summary of the locations and calculated quantities to be tested under this provision.

A proposed sequencing plan of wall construction operations and random test locations.

C.4.2 Quality Control Personnel

Perform the quality control sampling, testing, and documentation required under this provision using HTCP certified technicians. Have a HTCP Grading Technician I (GRADINGTEC-I); or Assistant Certified Technician, Grading (ACT-GRADING); or Aggregate Technician I (AGGTEC-I); or Assistant Certified Technician, Aggregate (ACT-AGG) present at the each grading site during all wall backfill placement, compaction, and nuclear testing activities. Have a HTCP Nuclear Density Technician I (NUCDENSITYTEC-

I) or Assistant Certified Technician, Nuclear Density Gauge Operator (ACT-NUC) perform field density and field moisture content testing.

If an Assistant Certified Technician (ACT) is performing sampling or testing, a certified technician must coordinate and take responsibility for the work an ACT performs. Have a certified technician Ensure that all sampling and testing is performed correctly, analyze test results, and post resulting data. No more than one ACT can work under a single certified technician.

C.4.3 Equipment

Furnish the necessary equipment and supplies for performing quality control testing. Ensure that all testing equipment conforms to the equipment specifications applicable to the required testing methods. The engineer may inspect the measuring and testing devices to confirm both calibration and condition. Calibrate all testing equipment according to the CMM and maintain a calibration record at the laboratory.

Furnish nuclear gauges from the department's approved product list at:

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

Ensure that the nuclear gauge manufacturer or an approved calibration service calibrates the gauge the same calendar year it is used on the project. Retain a copy of the calibration certificate with the gauge.

Conform to AASHTO T310 and CMM 8-15 for density testing and gauge monitoring methods.

Split each Proctor sample and identify so as to provide comparison with the department's test results. Unless the engineer directs otherwise, retain the QC split samples for 14 calendar days and promptly deliver the department's split samples to the department.

C.4.4 Documentation

(1) Document all observations, inspection records, and process adjustments daily. Submit test results to the department's project materials coordinator on the same day they become available.

(2) Use forms provided in CMM Chapter 8. Note other information in a permanent field record and as a part of process control documentation enumerated in the contractor's quality control plan. Enter QC data and backfill material certified report results into the applicable materials reporting system (MRS) software within 5 business days after results are available.

(3) Submit final testing records and other documentation to the engineer electronically within 10 business days after all contract-required information becomes available. The engineer may allow submission of scanned copies of hand-written documentation.

C.4.5 Quality Control (QC) Testing

Perform compaction testing on the backfill. Conform to CMM 8-15 for testing and gauge monitoring methods. Conduct testing at a minimum frequency of 1 test per 150 cubic yards of backfill, or major portion thereof in each lift. A minimum of one test for every lift is required. Deliver documentation of all compaction testing results to the engineer at the time of testing.

Perform 1 gradation test every 750 cubic yards of fill and one 5-point Proctor test (or as modified in C.2) every 2,250 cubic yards of fill. Provide the region split samples of both within 72 hours of sampling, at the region laboratory. Test sites shall be selected using ASTM Method D3665. Provide Proctor test results to the engineer within 48 hours of sampling. Provide gradation test results to the engineer within 24 hours of sampling.

C.4.6 Department Testing

C.4.6.1 General

(1) The department will conduct verification testing to validate the quality of the product and independent assurance testing to evaluate the sampling and testing. The department will provide the contractor with a listing of names and telephone numbers of all QV and IA personnel for the project, and provide test results to the contractor within 2 business days after the department obtains the sample.

C.4.6.2 Quality Verification (QV) Testing

(1) The department will have an HTCP technician, or ACT working under a certified technician, perform QV sampling and testing. Department verification testing personnel must meet the same certification level requirements specified in C.4.2 for contractor testing personnel for each test result being verified. The department will notify the contractor before sampling so the contractor can observe QV sampling.

- (2) The department will conduct QV tests at the minimum frequency of 30% of the required contractor density, Proctor and gradation tests.
- (3) The department will locate density tests and gradation samples randomly, at locations independent of the contractor's QC work. The department will split each Proctor and gradation QV sample, testing half for QV, and retaining the remaining half for 10 business days.
- (4) The department will conduct QV Proctor and gradation tests in a separate laboratory and with separate equipment from the contractor's QC tests. The department will use the same methods specified for QC testing.
- (5) The department will assess QV results by comparing to the appropriate specification limits. If QV test results conform to this special provision, the department will take no further action. If density QV test results are nonconforming, the area shall be reworked until the density requirements of this special provision are met. If the gradation test results are nonconforming, standard spec 106.5 will apply. Differing QC and QV nuclear density values of more than 1.5 pcf will be investigated and resolved. QV density tests will be based on the appropriate QC Proctor test results, unless the QV and QC Proctor result difference is greater than 3.0 pcf. Differing QC and QV Proctor values of more than 3.0 pcf will be investigated and resolved.

C.4.6.3 Independent Assurance (IA)

- (1) Independent assurance is unbiased testing the department performs to evaluate the department's QV and the contractor's QC sampling and testing, including personnel qualifications, procedures, and equipment. The department will perform an IA review according to the department's independent assurance program. That review may include one or more of the following:
1. Split sample testing.
 2. Proficiency sample testing.
 3. Witnessing sampling and testing.
 4. Test equipment calibration checks.
 5. Reviewing required worksheets and control charts.
 6. Requesting that testing personnel perform additional sampling and testing.
- (2) If the department identifies a deficiency, and after further investigation confirms it, correct that deficiency. If the contractor does not correct or fails to cooperate in resolving identified deficiencies, the engineer may suspend placement until action is taken. Resolve disputes as specified in C.4.6.4.

C.4.6.4 Dispute Resolution

- (1) The engineer and contractor should make every effort to avoid conflict. If a dispute between some aspect of the contractor's and the engineer's testing program does occur, seek a solution mutually agreeable to the project personnel. The department and contractor may review the data, examine data reduction and analysis methods, evaluate sampling and testing procedures, and perform additional testing. Use ASTM E178 to evaluate potential statistically outlying data.
- (2) Production test results, and results from other process control testing, may be considered when resolving a dispute.
- (3) If the project personnel cannot resolve a dispute, and the dispute affects payment or could result in incorporating non-conforming product or work, the department will use third party testing to resolve the dispute. The department's central office laboratory, or a mutually agreed on independent testing laboratory, will provide this testing. The engineer and contractor will abide by the results of the third party tests. The party in error will pay service charges incurred for testing by an independent laboratory. The department may use third party test results to evaluate the quality of questionable materials and determine the appropriate payment. The department may reject material or otherwise determine the final disposition of nonconforming material as specified in standard spec 106.5.

C.5 Geotechnical Information

Geotechnical data to be used in the design of the wall is given on the wall plan. After completing wall excavation of the entire reinforced soil zone, notify the department and allow the Regional Soils Engineer two working days to review the foundation.

D Measurement

The department will measure Wall Modular Block Mechanically Stabilized Earth by the square foot acceptably completed. The department will compute the measured quantity from the theoretical pay limits the contract plans show. The department will make no allowance for wall area constructed above or below the theoretical pay limits. All work beyond the theoretical pay limits is incidental to the cost of work. The department will make no allowance for as-built quantities.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.025	Wall Modular Block Mechanically Stabilized Earth (R-56-044)	SF
SPV.0165.026	Wall Modular Block Mechanically Stabilized Earth (R-56-045)	SF

Payment is full compensation for supplying a design and shop drawings; preparing the site, including all necessary excavation and disposal of materials; supplying all necessary wall components to produce a functional wall system including cap, copings, leveling pad, and leveling pad steps; constructing the retaining system and providing temporary drainage; providing backfill, backfilling, compacting, developing/completing/documenting the quality management program, and performing compaction testing.

The department will pay separately for parapets, traffic barriers, railings, and other items above the wall cap or coping.

87. Parapet Architectural Surface Treatment, Item SPV.0165.027.

A Description

This special provision describes providing a concrete masonry architectural surface treatment on the exposed concrete surfaces of parapets as the plan details show.

B Materials

Use form liners that attach easily to the forming system, and do not compress more than 1/4 inch when poured at a rate of 10 vertical feet/hour.

Use a release agent that is compatible with the form liner and coloring materials.

Wall ties shall have set "break-backs" at a minimum of 3/4 inches from the finished concrete surface.

C Construction

C.1 Equipment

Equipment and tools necessary for performing all parts of the work shall be satisfactory as to design, capacity, and mechanical condition for the purposes intended. Repair, improve, replace, or supplement all equipment that is not maintained in full working order, or which is proven inadequate to obtain the results prescribed.

C.2 Form Liner Preparation

Clean the form liner before each pour and ensure that it is free of any build-up. Visually inspect each liner for blemishes or tears, and repair if necessary, per manufacturer's recommendations.

Apply form release per manufacturer's recommendations.

C.3 Form Liner Attachment

Place adjacent liners less than 1/4 inch from each other, attach liner securely to forms according to the manufacturer's recommendations, and coordinate wall ties with form liner and form manufacturer, e.g., diameter, size, and frequency.

C.4 Surface Finishing

Ensure that the textured surface is free of laitance; sandblasting is not permitted.

Grind or fill pouring blemishes.

D Measurement

The department will measure Parapet Architectural Surface Treatment in area by the square foot of architectural surface, 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.0165.027	Parapet Architectural Surface Treatment	SF

Payment is full compensation for producing the proposed architectural surface treatment including: preparing the foundation; finishing and protecting the surface treatment; and for properly disposing of surplus material.

88. Concrete Pavement 8-Inch Special, Item SPV.0180.001; Concrete Pavement HES 8-Inch Special, Item SPV.0180.002.

A Description

This special provision describes specialized material and construction requirements for high performance concrete used in mainline pavement and shoulders. Conform to standard specs 415, 501, 710, and 715 as modified in this special provision.

B Materials

415 Concrete Pavement

415.2 Materials

415.2.1 Concrete

Replace 415.2.1(1) with the following:

- (1) Furnish grade A concrete conforming to 501 except develop a concrete mixture to follow 501.3.2.3 and as modified for class I pavement concrete in 715. Provide QMP for class I pavement concrete as specified in 715.

Replace standard spec 415.2.1(2) with the following:

- (2) Furnish high early strength (HES) concrete conforming to 501 except develop a concrete mixture to follow 501.3.2.3 and as modified for class I pavement concrete in 715. Provide QMP for class I pavement concrete as specified in 715.

501 Concrete

501.2 Materials

501.2.7 Aggregates

501.2.7.3 Coarse Aggregates

501.2.7.3.1 General

Replace 501.2.7.3.1 with the following:

- (1) Provide coarse aggregates from a department-approved source. Use an approved source listed on the APL or follow the source approval process specified in standard spec 106.3.4.2.
- (2) Use clean, hard, durable crushed stone or crushed gravel free of excess flat and elongated pieces, lightweight particles, frozen lumps, vegetation, deleterious substances, or adherent coatings considered injurious.
- (3) Use virgin aggregates only.
- (4) Contact the engineer 5 weeks prior to paving to collect a sample of the coarse aggregates proposed for the project. The department and contractor will jointly obtain and split samples with the department taking immediate possession of the department's splits. The sampler must be HTCP certified to sample aggregates. The department will perform tests for LA wear, sodium sulfate soundness, freeze-thaw soundness, and lightweight pieces at least once per calendar year for coarse aggregates used in high-performance concrete mixes. Only the department test results will be used for coarse aggregate acceptance.

- (5) The department will randomly sample coarse aggregate for lightweight pieces testing at least once per 10,000 cubic yards during placement of concrete pavement.
- (6) For coarse aggregates with marginal freeze-thaw soundness test results per standard spec 106.3.4.2.2.1, the department will randomly sample coarse aggregate for freeze-thaw soundness testing at least once per 10,000 cubic yards during placement of concrete pavement.

501.2.7.3.2 Physical Properties

Replace 501.2.7.3.2 (1) with the following:

- (1) Furnish coarse aggregates approved for use in concrete pavement and conforming to the following:

Table 501-2 Physical Properties

Aggregate Quality Test	Test Method	Maximum Percent by Weight
LA Wear (100 and 500 revolutions) ^[1]	WTM T96	40
Sodium Sulfate Soundness (R-4, 5 cycles) ^[1]	WTM T104	6
Freeze-Thaw Soundness ^[1]	WTM T103	10
Lightweight Pieces ^[1]	WTM T113	2.0

^[1] Coarse aggregate sizes used in the Portland Cement Concrete mixture design (DT2221 Concrete Mixture Design – Optimized Aggregate Gradation) will be tested individually and the results weighted by the blend percentage listed in the mix design. Do not consider the fine aggregate percentage as part of the weighted result.

501.2.7.3.3 Deleterious Substances

Replace 501.2.7.3.3(1) with the following:

- (1) Furnish aggregates that conform to the following:

Deleterious Substance	Test Method	Maximum Percent by Weight
Coal, clay lumps, shale, and other deleterious substance	Visual	3.0
Flat or elongated pieces based on a 3:1 ratio	WTM D4791	15.0
Materials passing the No. 200 sieve	WTM T11	1.5

710 General Concrete QMP

710.5 Sampling and Testing

710.5.5 Strength

Replace 710.5.5(1) with the following for Concrete Pavement 8-Inch Special:

- (1) Cast all 6-inch x 6-inch x 21-inch beams in a set from the same sample. Do not cast more than one set of specimens from a single truckload of concrete. Mark each specimen to identify the lot and subplot or location on the project it represents.

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

715.2 Materials

715.2.1 General

Replace standard spec 715.2.1(4) with the following:

- (4) The regional materials engineer must review and approve the submitted mix design within 7 business days of receiving the mix design submittal and complete Project Staff Review section of mix design certification within DT2220 or DT2221.

715.3 Testing Acceptance

715.3.1 Class I Concrete Testing

715.3.1.1 General

Replace 715.3.1.1 (1) with the following:

- (1) Provide slump, air content, concrete temperature, and strength test results as specified in 710.5. Provide a battery of QC tests, consisting of results for each specified property, using a single sample randomly located within each subplot. If a subplot random test location falls within a mainline pavement gap, relocate the test to a different location within the subplot. Cast 3 specimens for strength evaluation.

715.3.1.1.1 Flexural Strength

Replace 715.3.1.1.1(1) with the following for Concrete Pavement 8-Inch Special:

- (1) Cast 3 beams for flexural strength acceptance testing at 28 days.

715.3.1.3 Department Verification Testing

Replace 715.3.1.3 (1) with the following:

- (1) The department will perform verification testing once for each 5 contractor QC tests with additional testing as required to obtain at least 1 verification test per lot for air content, slump, temperature, and flexural strength.

715.3.2 Strength Evaluation

715.3.2.1 General

Replace 715.3.2.1 (1) with the following for Concrete Pavement 8-Inch Special:

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

715.5 Payment

715.5.1 General

Replace 715.5.1 with the following for Concrete Pavement 8-Inch Special:

- (1) The department will pay incentive for flexural strength under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
715.0715	Incentive Flexural Strength Concrete Pavement	DOL

- (2) Incentive payment may be more or less than the amount the schedule of items shows.
- (3) The department will administer disincentives for strength under the Disincentive Flexural Strength Concrete Pavement administrative item.
- (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
 - Flexural strength of 650 psi for pavements
- (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 strength test results to the department electronically using the MRS software. The department will validate 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.

715.5.2 Pavements

715.5.2.1 Compressive

Delete section 715.5.2.1 for Concrete Pavement 8-Inch Special.

C Construction

415 Concrete Pavement

415.3 Construction

415.3.7 Jointing

415.3.7.1 General

Add to standard spec 415.3.7.1 the following:

- (9) Treat sawed surfaces and at least 1" on both sides of transverse joints and longitudinal joints with a silane joint sealer found on the department's Concrete Protective Surface Treatments approved products list. Conform to the manufacturer's recommendations for use of the product.
- (10) The contractor shall perform a field trial under the department's observation to demonstrate the application method for the silane treatment of the joint. The field trial can be done with bricks or cinder blocks and shall be constructed in a way that represents a sawed concrete joint. The field trial must show the proposed application method can consistently treat the surfaces of the joint and 1" on both sides of the joint.
- (11) Clean the saw cut by water blast and air to thoroughly remove cutting residue prior to application of the silane treatment. The joint cleanliness will be evaluated with the ACPA Wipe Test and approved by the engineer prior to joint sealer application each day of placement.

501 Concrete

501.3 Construction

501.3.2 Concrete Composition

501.3.2.3 Optimized Concrete Mixtures

Replace 501.3.2.3(1) with the following:

- (1) The contractor must use an optimized concrete mixture with reduced cementitious material content for concrete items with optimized aggregate gradations as defined in 501.2.7.4.2.1

501.3.2.4 Concrete Admixtures

501.3.2.4.3 Set Retarder

501.3.2.4.3.3 Extended Delivery Time

Delete 501.3.2.4.3.3 (1).

501.3.5 Ready-Mixed Concrete

501.3.5.1 General

Replace 501.3.5.1(1) with the following:

- (1) Use central-mixed concrete as defined in standard spec 501.3.5.1(2) for all work performed under this special provision.

501.3.5.2 Delivery

Replace 501.3.5.2(3) with the following:

- (3) Deliver and completely discharge the concrete within the following limits, beginning when adding water to the cement, or when adding cement to the aggregates. A decrease in air temperature below 60 F or the use of department-approved retarders does not increase the discharge time.

Delivered in Agitating Vehicles:

- 60 minutes regardless of the concrete temperature at placement and the contractor use of a department-approved retarder.

Delivered in Non-Agitating Vehicles:

- 30 minutes if the concrete temperature is 85 F or higher at placement, and the contractor does not use a department-approved retarder.
- 45 minutes if the concrete temperature is 60 F to less than 85 F at placement, and the contractor does not use a department-approved retarder.
- 60 minutes if the concrete temperature is less than 60 F at placement.
- 60 minutes if the concrete temperature is 60 F or higher at placement, and the contractor uses a department-approved retarder

501.3.8 Placing

501.3.8.1 General

Add to standard spec 501.3.8.1 the following:

- (2) Do not place HES concrete without engineers' approval except for locations detailed in the plans.

501.3.8.2 Hot Weather Concreting

501.3.8.2.1 General

Replace all of 501.3.8.2.1 with the following:

- (1) The contractor is responsible for the quality of concrete placed in hot weather. Submit a written temperature control plan at or before the pre-pour meeting. In that plan, outline the actions to control concrete temperature if the concrete temperature at the point of placement exceeds 80° F. Do not place concrete without the engineer's written acceptance of that temperature control plan. Perform the work as outlined in the temperature control plan.
- (2) If the concrete temperature at the point of placement exceeds 90 F, do not place concrete for items covered in this special provision.
- (3) If the air temperature exceeds 80 F, ensure that the base material is in a moist condition during concrete placement. Water the base, as required, not less than 6 hours before placing the concrete. If the base material subsequently dries, moisten it by sprinkling water just before placing the concrete. Sprinkle the water to avoid forming pools.
- (4) Notify the engineer whenever conditions exist that might cause the temperature at the point of placement to exceed 80 F. If project information is not available, the contractor should obtain information from similar mixes placed for other nearby work.

D Measurement

The department will measure Concrete Pavement 8-Inch Special by the square yard, acceptably completed, in accordance of standard spec 415 and as modified herein.

E Payment

Conform to standard spec 415.5 and as modified in this special provision.

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0180.001	Concrete Pavement 8-Inch Special	SY
SPV.0180.002	Concrete Pavement HES 8-Inch Special	SY

The department will pay separately for the following bid items: 715.0715 Incentive Flexural Strength Concrete Pavement.

Payment also includes sealing joints with silane sealer, sawing of concrete pavement, and any additive or action taken to control the temperature of concrete.

89. VLD Imported Granular Backfill (For Sanitary Sewer), Item SPV.0195.001; VLD Imported Granular Backfill (For Water Main), Item SPV.0195.002.

A Description

This special provision describes VLD Imported Granular Backfill (For Sanitary Sewer) and VLD Imported Granular Backfill (For Water Main) in accordance with the Village of Lake Delton's Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

B (Vacant)

C (Vacant)

D Measurement

The department will measure VLD Imported Granular Backfill (For Sanitary Sewer) and VLD Imported Granular Backfill (For Water Main) as a unit price for tonnage of granular trench backfill as acceptably placed and 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.0195.001	VLD Imported Granular Backfill (For Sanitary Sewer)	TON
SPV.0195.002	VLD Imported Granular Backfill (For Water Main)	TON

Payment is full compensation for all work herein specified in accordance with the Village of Lake Delton's Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

**90. CWD Imported Granular Backfill (For Sanitary Sewer), Item SPV.0195.004;
CWD Imported Granular Backfill (For Water Main), Item SPV.0195.005.**

A Description

This special provision describes CWD Imported Granular Backfill (For Sanitary Sewer) and CWD Imported Granular Backfill (For Water Main) in accordance with the City of Wisconsin Dells' Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

B (Vacant)

C (Vacant)

D Measurement

The department will measure CWD Imported Granular Backfill (For Sanitary Sewer) and CWD Imported Granular Backfill (For Water Main) as a unit price for tonnage of granular trench backfill as acceptably placed and 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.0195.004	CWD Imported Granular Backfill (For Sanitary Sewer)	TON
SPV.0195.005	CWD Imported Granular Backfill (For Water Main)	TON

Payment is full compensation for all work herein specified in accordance with the City of Wisconsin Dells' Standard Sanitary Sewer and Water Specifications for WisDOT Let Projects, April 2026.

91. Cold Patch, Item SPV.0195.006.

A Description

This special provision describes furnishing, stockpiling, placing, and maintaining cold patch material. The cold patch material shall be used for short term maintenance purposes to fill potholes/voids in the existing pavement surfaces as directed by the engineer.

B Materials

B.1 General

Furnish cold patch that is a combination of coarse aggregate, natural sand and bituminous material MC 250. Furnish a mixture designed to have a workability range of 15 degrees Fahrenheit to 100 degrees Fahrenheit without the addition of heat. Furnish a mixture having good adhesion to wet surfaces and resistant to damage by water, salt and deicing products. Provide a uniform mixture not requiring any mixing or special handling prior to use.

The intent of this item is for use during active construction and not in between stages.

B.2 Gradation

Provide material conforming to the following gradation requirements:

SIEVE SIZE	PERCENT PASSING (by weight)
3/8 Inch (9.5mm)	96-100
No. 4 (4.75 mm)	76-82
No. 8 (2.38 mm)	50-60
No. 50 (.297 mm)	15-20
No. 200 (0.74 mm)	2-5
Bitumen	4.8-5.2

C Construction

Choose a smooth, firm, and well-drained area for an on-site stockpile that is cleared of vegetation and foreign material that may contaminate the cold patch. Locate the stockpile so it is easily accessible and able to be maintained and replenished at any time during the duration of the project. Maintain a minimum stockpile size of 1 to 2 tons or as directed by the engineer.

Application of cold patch must be able to be accomplished by hand labor as necessary. Prior to filling any potholes/voids remove all ponded water and loose debris with compressed air and dry the patch area thoroughly. Place material into the pothole/void and compact flush with a tamper, roller, or vehicle tire. Traffic must be able to travel over the patch immediately after compacting.

Maintain patched areas.

The intent of the majority of the repairs is to complete the work under a planned lane closure as allowed per the Traffic article of these special provisions and under the direction of the engineer. In addition, provide availability of the equipment and forces to expeditiously repair areas within 2 hours of an emergency repair request by the engineer.

D Measurement

The department will measure Cold Patch in tons of cold patch, 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.0195.006	Cold Patch	TON

Payment is full compensation for removing ponded water and loose debris, thoroughly drying the area and preparing the area to be patched, performing the patch operations, furnishing and providing a stockpile of material, maintaining the patched area and for removing any unused stockpile at the completion of the project.

Final payment is based on a 50% payment at the initial delivery of the stockpile to the project and final 50% of payment once material is acceptably utilized within the potholes. Payment includes any unused stockpile quantity remaining on the site at the completion of the project.

ADDITIONAL SPECIAL PROVISION 1 (ASP 1) HIGHWAY CONSTRUCTION SKILLS TRAINING (HCST) PROGRAM EMPLOYMENT PLACEMENTS AND APPRENTICESHIPS

The Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), Section 5204(e) – Surface Transportation Workforce Development Training and Education, provides for 100 percent Federal funding if the core program funds are used for training, education, or workforce development purposes, including “pipeline” activities. The core programs include: Congestion Mitigation and Air Quality Improvement (CMAQ) Program, Highway Bridge Program (HBP), Interstate Maintenance (IM), National Highway System (NHS), and Surface Transportation Program (STP). These workforce development activities cover surface transportation workers, including OJT/SS programs for women and minorities as authorized in 23 U.S.C. §140(b).

The Wisconsin Department of Transportation OJT program was originally established in 1995. Highway Construction Skills Training (HCST) was previously known as Transportation Alliance for New Solutions (TrANS) and underwent a name change in early 2023. HCST is an industry driven plan of services to address the outreach, preparation, placement and retention of women, minorities, and disadvantaged persons as laborers and apprentices in the highway skilled trades. Candidate preparation and contractor coordination services (OJT Supportive Services) are provided by contracted community-based organizations.

I. BASIC CONCEPTS

Training reimbursements to employing contractors for new placements, rehires or advancement to apprenticeship of Highway Construction Skills Training (HCST) graduates and employing eligible trainees in qualifying trades will be made as follows:

- 1) **On-the-Job Training, Item ASP.1T0G, ASP 1 HCST Graduate.** At the rate of \$5.00 per hour on Federal-aid projects when HCST graduates are initially hired, or seasonally rehired, as unskilled laborers or equivalent.
Eligibility and Duration: To the employing contractor, for up to 2,000 hours or two years, whichever comes first from the point of initial hire as a HCST placement.
Contract Goal: To maintain the intent of the Equal Employment Opportunity program, it is a goal that 12 HCST Graduate(s) be utilized for 6480 hours on this contract.
- 2) **On-the-Job Training, Item ASP.1T0A, ASP 1 Apprentice.** At the rate of \$5.00 per hour on Federal-aid projects at the point when an employee who came out of the HCST Program is subsequently entered into an apprenticeship contract in a qualifying trade.
Eligibility and Duration: To the employing contractor, for the length of time that the HCST graduate is in apprenticeship status.
Contract Goal: To maintain the intent of the Equal Employment Opportunity program, it is a goal that 7 HCST Apprentice(s) be utilized for 2130 hours on this contract.
- 3) The maximum duration of reimbursement is two years as a HCST graduate plus time in apprentice status.
- 4) If a HCST program is not available in the contractor’s area and another training program is utilized, payment of On-the-Job Training hours may be approved by the Wisconsin Department of Transportation (WisDOT) if the training program meets the established acceptance criteria. Only On-the-Job Training Hours accumulated after WisDOT approval will be reimbursed as specified

under Items ASP.1T0G and ASP.1T0A. For more information, contact the Department of Transportation Labor Development Specialist at the phone number listed below.

- 5) WisDOT reserves the right to deny payments under items ASP.1T0G and ASP.1T0A if the contractor either fails to provide training or there is evidence of a lack of good faith in meeting the requirements of this training special provision.

II. RATIONALE AND SPECIAL NOTE

The \$5.00 per hour now being paid for HCST placements is intended to cover the duration of two years to allow for reaching entry-level laborer status. An additional incentive, the \$5.00 rate, would promote movement into the underutilized skilled trades' apprenticeships and applies until the individual completes their apprenticeship. These incentives benefit HCST candidates by giving them a better opportunity to enter a skilled trade; benefits contractors who will be assisted in meeting their EEO profiles and goals; and benefits the public who will see the program reinforce larger public-private employment reform in Wisconsin. The pool of HCST graduates was created for the purpose of addressing underutilization in the skilled trades, an objective that is further reinforced by a parallel retention pilot program, known as the Companywide Reporting. Whether or not reimbursement is involved, the WisDOT reassures contractors who are in the Companywide Program that HCST placements still contribute toward fulfilling the new hire goal of 50% women and minorities. Based on data administered by United States Department of Labor (US DOL), the highway skilled trades remain underutilized for women statewide (less than 6.9%); and for minorities in all counties (% varies by county).

***NOTE:** Unless using other advancement strategies, contractors are encouraged to use some or all of this monetary incentive to offset the cut in hourly wages an individual may incur when entering an apprenticeship if the full general laborer hourly rate has been previously paid. No special accounting measures are required.*

III. IMPLEMENTATION

The implementation of ASP 1 is intended to cover only the amount of time it takes for underutilization to be resolved across the trades. This will be measured annually at the county and/or state levels using data administered by WisDWD in relation to goals set by the USDOL page 2 Dated January 2012 OFCCP. With appropriate state and federal approvals, we may also do some measurement at the company level. It is the contractor's responsibility to note on their Certified Payrolls if their employee is a HCST graduate or a HCST apprentice. The compliance specialists utilize the information on the Certified Payrolls to track the hours accumulated by HCST Graduates and HCST apprentices on WisDOT contracts. Payment under this ASP 1 is made based on the hours recorded off of the Certified Payrolls. Tracking may eventually include improved linkages with the WisDWD apprentice database, information from company and committee level sources. HCST is nondiscriminatory by regulation and is a tool for optional use by contractors to address the underutilization of women and minorities as laborers and apprentices in our industry's skilled trades.

IV. HCST TRAINING

As part of the contractor's equal employment opportunity affirmative action program, training shall be provided to employees enrolled in apprenticeship and on-the-job training programs as follows: The contractor shall provide on-the-job training aimed at developing full journey workers in the type of trade or job classifications involved. In the event the contractor subcontracts a portion of the contract work, the contractor shall determine how many, if any, of the trainees are to be trained by the subcontractor provided, however, that the contractor shall retain the primary responsibility for meeting the training requirements imposed by this special provision. The contractor shall also ensure that this training special provision is made applicable to such subcontract. Training and upgrading of minorities and women toward journey workers status is a primary objective of this training special provision. Accordingly, the contractor shall make every effort to enroll minority trainees and women (e.g., by conducting systematic and direct recruitment through public and private sources likely to yield minority trainees and women trainees); to the extent such persons are available within a reasonable area of recruitment. The contractor will be given an opportunity and will be responsible for demonstrating the steps that they have taken in pursuance thereof, prior to determination as to whether the contractor is in compliance with this training

special provision. This training commitment is not intended, and shall not be used, to discriminate against any applicant for training, whether a member of a minority group or not. No employee shall be employed as a trainee in any classification in which they have successfully completed a training course leading to journey workers status or in which they have been employed as a journey worker. The contractor should satisfy this requirement by including appropriate questions in the employee application or by other suitable means. Regardless of the method used, the contractor's records should document the findings in each case.

V. APPRENTICESHIP TRAINING

The Federal Highway Administration's (FHWA) policy is to require full use of all available training and skill improvement opportunities to assure increased participation of minority groups, disadvantaged persons, and women in all phases of the highway construction industry. The FHWA On-the-Job Training (OJT) Program requires the State transportation agencies (STAs) to establish apprenticeships and training programs targeted to move women, minorities, and disadvantaged individuals into journey-level positions to ensure that a competent workforce is available to meet highway construction hiring needs, and to address the historical underrepresentation of members of these groups in highway construction skilled crafts.

The OJT Supportive Services (OJT/SS) Program was established in Title 23 Code of Federal Regulations (CFR), Part 230 to supplement the OJT program and support STA training programs by providing services to highway construction contractors and assistance to highway construction apprentices and trainees. The primary objectives of OJT/SS are:

- (1) To increase the overall effectiveness of the State highway agencies' approved training programs.
- (2) To seek other ways to increase the training opportunities for women, minorities, and disadvantaged individuals.

The STAs are responsible for establishing procedures, subject to the availability of Surface Transportation and Bridge Funds under 23 U.S.C. §140(b) (Nondiscrimination), for the provision of supportive services with respect to training programs approved under 23 CFR, Part 230(a) (Equal Employment Opportunity on Federal and Federal-aid Construction Contracts – including Supportive Services).

The contractor and subcontractor shall maintain records to demonstrate compliance with these apprenticeship requirements. Reasonable exemptions and modifications to and from any or all of these requirements will be determined by the Wisconsin Department of Transportation-Office of Business Opportunity & Equity Compliance (OBOEC). A request for an exemption or modification, with justification, shall be made in writing, addressed to WisDOT OBOEC - Labor Development, 141 NW Barstow Street, Suite 411, PO Box 798, Waukesha, WI 53187.

VI. PROGRAM CONTACTS

Marguerite (Maggie) Givings, Labor Development Specialist

Marguerite.Givings@dot.wi.gov | 608-789-7876

Deborah Seip, Labor Development Specialist

Deborah.Seip@dot.wi.gov | 262-548-8702

ADDITIONAL SPECIAL PROVISION 3

DISADVANTAGED BUSINESS ENTERPRISE (DBE) PROGRAM IMPLEMENTATION

Authority

Wisconsin Department of Transportation (WisDOT) is a recipient of funds from the US Department of Transportation's Federal Highway Administration. The DBE program is a federal program applicable on all contracts administered by WisDOT that include federal-aid highway funds. The authority for the DBE program is the Transportation Bill as approved by Congress periodically. DBE program guidance and requirements are outlined in the Code of Federal Regulations at 49 CFR Part 26. This contract is subject to DBE provisions because it is financed with federal-aid-highway funds. Additionally, this contract is subject to the *State of Wisconsin Standard Specifications for Highway and Structure Construction* and all applicable contract documents.

Requirements

Pursuant to the federal DBE program regulation at 49 CFR Part 26, a contractor's failure to comply with any provision of the DBE program regulatory provisions will be considered a material breach of contract. This is nonnegotiable.

If a contractor fails to carry out the DBE program requirements and/or the Required Contract Provisions for Federal Aid Contracts (FHWA 1273) referenced in this document, sanctions will be assessed depending upon the facts, reasoning, severity, and remedial efforts of the contractor that may include: termination of contract, withholding payment, assessment of monetary sanctions, and/or suspension/debarment proceedings that could result in the disqualification of the contractor from bidding for a designated period of time.

- (1) The Commitment to Subcontract to DBE (Form DT1506 or digital submittal), Attachments A, and Good Faith Effort Documentation (Form DT1202) will be submitted as described in Section 2.
- (2) Any change to DBE Commitments thereafter must follow modification of DBE subcontracting commitment as described in Section 9.
- (3) The Department requires this list of DBE subcontractors from all bidders at time of bid to ensure the lowest possible cost to taxpayers and fairness to other bidders and subcontractors. Bid shopping is prohibited.
- (4) The contractor must utilize the specific DBE firms listed in the approved DBE Commitment to perform the work and/or supply the materials for which the DBE firm is listed unless the contractor obtains written consent in advance from WisDOT. The contractor will not be entitled to payment for any work or materials on the approved DBE Commitment that is not performed or supplied by the listed DBE without WisDOT's written consent.

Description

The Wisconsin Department of Transportation is committed to the compliant administration of the DBE Program. The DBE provisions work in tandem with FHWA 1273 and WisDOT's *Standard Specifications for Highway and Structure Construction* and *Construction and Materials Manual*. The WisDOT Secretary is signatory to assurances of department-wide compliance.

The Department assigns the contract DBE goal as a percentage of work items that could be performed by certified DBE firms on the contract. The assigned DBE goal is expressed on the bid proposal as a percentage applicable to the total contract bid amount.

- (1) WisDOT identifies the assigned DBE goal in its contract advertisements and posts the contract DBE goal on the cover of the bidding proposal. The contractor can meet the assigned contract DBE goal by subcontracting work to a DBE firm or by procuring services or materials from a DBE firm.

- (2) Under the contract, the prime contractor should inform, advise, and develop participating DBE firms to be more knowledgeable contractors who are prepared to successfully complete their contractual agreement through the proactive provision of assistance in the following areas:
 - Produce accurate and complete quotes
 - Understand highway plans applicable to their work
 - Understand specifications and contract requirements applicable to their work
 - Understand contracting reporting requirements
- (3) The Department encourages contractors to assist DBE subcontractors more formally by participating in WisDOT's Business Development program as a mentor, coach, or resource. For comprehensive information on the Disadvantaged Business Enterprise Program, visit the Department's Civil Rights and Compliance Section website at: <http://wisconsindot.gov/Pages/doing-bus/civil-rights/dbe/default.aspx>

1. Definitions

Interpret these terms, used throughout this additional special provision, as follows:

- a. **Assigned DBE Contract Goal:** The percentage shown on the cover of the Highway Work Proposal that represents the feasible level of DBE participation for each contract. The goal is calculated using the Engineer's Estimate and DBE Interest Report. Goal assignment includes review of FHWA funds, analyzes bid items for subcontract opportunity and compatibility with DBE certified firm work codes. Additional factors considered include proximity, proportion, and regulations.
- b. **Bid Shopping:** In construction law, bid shopping is the practice of divulging a subcontractor's bid to another prospective contractor(s) before or after the award of a contract to secure a lower bid.
- c. **DBE:** Disadvantaged Business Enterprise – A for-profit small business concern where socially and economically disadvantaged individuals own at least a 51% interest and control management and daily business operations.
- d. **DBE Commitment:** The DBE Commitment is identified in the Commitment to Subcontract to DBE (Form DT1506) and is expressed as the amount of DBE participation the prime contractor has secured. The DT1506, a contract document completed by the bidder, is required to be considered a responsive bidder on an FHWA-funded contract that has an assigned DBE goal. The prime contractor will have the option to submit the DT1506 digitally, as an entry with the bid in Bid Express, or as an attachment to the bid.
- e. **DBE Utilization:** The actual participation of a DBE subcontractor on a project. WisDOT verifies DBE utilization through review of the DBE Commitment, payments to subcontractors, and contract documentation. The Prime Contractor receives DBE credit for payments made to the DBE firms performing the work listed on the approved DBE Commitment, and those submitted after approved commitment with Attachment A.
- f. **Good Faith Effort:** Legal term describing a diligent and honest effort taken by a reasonable person under the same set of facts or circumstances. For DBE subcontracting, the bidder must show that it took all necessary and reasonable steps to achieve the assigned DBE goal by the scope, intensity, and appropriateness of effort that could reasonably be expected for a contractor to obtain sufficient DBE participation.
- g. **Manufacturer:** A firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the contract.
- h. **Reasonable Price:** Contractors are expected to assess reasonable price by analyzing the contract scope for DBE subcontract feasibility and comparing common line items in DBE and non-DBE subcontract quotes for the same work. Per federal regulation, reasonable price is not necessarily the lowest price.
- i. **Supplier:** A firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles, or equipment required under the contract are bought, kept in stock, and regularly sold or leased to the public.
- j. **Tied quote:** Subcontractor quote that groups multiple bid/line items at a bundled/package price with a notation that the items within the quote will not be separated.

2. WisDOT DBE Program Compliance

a. Documentation Submittal

- The Commitment to Subcontract to DBE (Form DT1506 or digital submittal) must be submitted at the time of bid (Tuesday) by all prime contractors.
- Attachments A OR quotes from all DBEs included in the Commitment must be submitted at bid (Tuesday) **OR**
- Within one-hour following bid submittal by ALL prime contractors via eSubmit (Tuesday).
- If only DBE quotes were submitted, all remaining signed Attachments A must be submitted within 24-hours of bid closing via eSubmit (Wednesday).
- If the assigned DBE contract goal is not met, Documentation of Good Faith Effort (Form DT1202) and supporting documentation must be submitted within 24-hours of bid closing (Wednesday) via eSubmit. [Instructions for eSubmit.](#)

****Bidders have the option of submitting the DBE Commitment at the time of bid via direct entry through Bid Express OR with attachment of Form DT1506 (Commitment to Subcontract to DBE). The DBE Commitment entered with bid is the digital form of the DT1506. Separate submission of Form DT1506 is not required if the DBE Commitment is entered in Bid Express. Form DT1202, if applicable, is no longer required to be submitted at time of bid; submit DT1202 within the 24-hour supplemental time frame following bid closing.**

The DBE Office will not certify Good Faith Effort and the Bureau of Project Development will consider the bid nonresponsive if the contractor fails to furnish the DBE Commitment (digitally entered into the bid OR Form DT1506 as an attachment), Attachments A, and Form DT1202 if applicable, as required. See sample forms in the Appendix.

b. Verification of DBE Commitment

The documentation related to DBE subcontract commitment submitted prior to contract award is evaluated as follows:

(1) DBE Goal Met

If the bidder indicates that the contract DBE goal is met, the Department will evaluate the DBE Commitment submitted with bid OR Form DT1506, and Attachments A to verify the actual DBE percentage calculation. If the DBE Commitment is verified, the contract is eligible for award with respect to the DBE Commitment.

(2) DBE Goal Not Met

- a) If the bidder indicates a bid percentage on the DBE Commitment that does not meet the assigned DBE contract goal, the bidder must request alternative evaluation of good faith effort through submission of Form DT1202 (Documentation of Good Faith Effort) within 24-hours of bid including narrative description. Supplementary documentation of good faith effort that supports the DT1202 submission is also due within 24-hours of bid submission and prior to bid posting. The Department will review the bidder's DBE Commitment and evaluate the bidder's good faith efforts submission.
- b) Following evaluation of the bidder's Good Faith Effort documentation the bidder will be notified that the Department intends to:
 1. *Approve* the request (adequate documentation of GFE has been submitted) - no conditions placed on the contract with respect to the DBE Commitment;
 2. *Deny* the request (inadequate documentation of GFE has been submitted) - the contract is viewed as non-responsive per Wisconsin Standard Specifications for Highway and Structure Construction and will not be executed.

- c) If the Department denies the bidder's request, the contract is ineligible for award. The Department will provide a written explanation for denying the request to the bidder. The bidder may appeal the Department's denial (see Section 4).

Supplemental good faith effort documentation must be submitted through eSubmit.

3. Department's Criteria for Good Faith Effort Documentation

The Federal-aid Construction Contract Provision, referenced as FHWA-1273, explicitly states that the prime contractor shall be responsible for all work performed on the contract by piecework, station work, or subcontract.

The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of the contract including assurances of equal employment opportunity laws, DBE regulations, and affirmative action. Compliance encompasses responsible and responsive action, documentation, and good faith effort.

Contractually, all contractors, subcontractors, and service providers on the contract are bound by FHWA 1273 and DBE program provisions. **Prime contractors should encourage subcontractors to utilize DBE firms whenever possible to contribute to the assigned DBE contract goal.**

Bidders are required to document good faith effort. Per 49 CFR Part 26.53, good faith effort is demonstrated in one of two ways. The bidder:

- (1) Documents that it has obtained enough DBE participation to meet the goal; OR
- (2) Documents that it made adequate good faith efforts to meet the goal, even though it did not succeed

Appendix A of 49 CFR Part 26 provides guidance concerning good faith efforts. WisDOT evaluates good faith effort on a contract basis just as each contract award is evaluated individually.

The efforts employed by the bidder should be those that WisDOT can reasonably expect a bidder to take to actively and aggressively obtain DBE participation sufficient to meet the DBE contract goal. The Department will only approve demonstration of good faith effort if the bidder documents the quality, quantity, and intensity of the variety of activities undertaken that are commensurate with expected efforts to meet the stated goal.

The Department, in conjunction with industry stakeholders, has developed the following guidance for contractor good faith effort activity. The guidance and the attached appendices provide a framework for the actions required by all parties in the processing and evaluation of bidder's total efforts to achieve the project specific DBE goal prior to the bid letting date.

a. Solicitation Guidance for Prime Contractors:

- (1) Document all efforts and decisions made toward achieving the DBE goal on the contract. The bidder should use WisDOT-approved DBE outreach tools, including the UCP DBE Directory and the Bid Express Small Business Network to foster DBE participation on all applicable contracts.
- (2) As needed, request assistance with DBE outreach and follow-up by contacting the Department's DBE Support Services Office by phone or email request at least 14 days prior to the bid letting date. Phone numbers are (414) 438-4584 and/or (608) 267-3849; Fax: (414) 438-5392; E-mail: DBE_Alert@dot.wi.gov
- (3) Participate in and document a substantive conversation with at least one DBE firm per Let, to discuss questions, concerns, and any other contract related matters that may be applicable to the DBE firm. Guidelines for this conversation are provided in Appendix A of ASP-3.
- (4) Request quotes by identifying potential items to subcontract and solicit. In their initial contacts, contractors are strongly encouraged to include a single page, detailed list of items for which they are accepting quotes, by project, within a letting. *See attached sample entitled "Sample Contractor Solicitation Letter" in Appendix B.* Prime contractors should also indicate a willingness to accept quotes in areas they are planning to perform themselves, as required by federal rules. In some cases, it might be appropriate to use DBE firms to do work in a prime contractor's area of specialization.

- i. Solicit quotes from certified DBE firms who match possible items to subcontract using all reasonable and available means. Additionally, forward copies of solicitations highlighting the work areas for which quotes are being sought to DBE_Alert@dot.wi.gov
- ii. Acceptable outreach tools include SBN (Small Business Network, see Appendix C): <https://www.bidx.com/wi/main>, postal mail, email, fax, and phone.
 - a. Contractors must ask DBE firms for a response in their solicitations. See *Sample Contractor Solicitation Letter*, Appendix B. This letter may be included as an attachment to the sub-quote request.
 - b. Solicit quotes at least 10 calendar days prior to the letting date to allow DBE firms sufficient time to respond. Prime contractors should contact DBE firms early, asking if they need help organizing their quote, assistance confirming equipment needs, or other assistance supporting their submission of a competitive quote for their services.
 - c. A follow up solicitation should take place within 5 calendar days of the letting date. Email and/or SBN are the preferred method for the solicitation.
- iii. Upon request, provide interested DBE firms with adequate information about plans, specifications, and the requirements of the contract by letter, information session, email, phone call, and/or referral.
- iv. When potential exists, the contractor should advise interested DBE firms on how to obtain bonding, line of credit, or insurance if requested.
- v. Document DBE firm's interest in quoting by taking appropriate steps to follow up initial solicitation with:
 - a. Email to all prospective DBE firms in relevant work areas
 - b. Phone call log to DBE firms who express interest via written response or call
 - c. Fax/letter confirmation
 - d. Signed copy of record of subcontractor outreach effort

b. Guidance for Evaluating DBE quotes

- (1) Quote evaluation practices required to evaluate DBE quotes:
 - i. Reasonable Price: Contractors are expected to assess reasonable price by analyzing the contract scope for DBE subcontract feasibility and comparing common line items in DBE and non-DBE subcontract quotes for the same work. Per federal regulation, reasonable price is not necessarily the lowest price. See 49 CFR Part 26, Appendix A. IV.D(2).
- (2) Documentation submitted by the prime of the following evaluation is required to evaluate DBE quotes by contractors:
 - i. Evaluation of DBE firm's ability to perform "possible items to subcontract" using legitimate reasons, including but not limited to, **a discussion** between the prime and DBE firm regarding its capabilities prior to the bid letting. If lack of capacity is the reason for not utilizing the DBE firm's quote, the prime is required to contact the DBE by phone and email regarding their ability to perform the work indicated in the UCP directory listed as their work area by NAICS code. Only the work area indicated by the NAICS code(s) listed in the UCP directory can be counted toward DBE credit. Documentation of the conversation is required.
 - a. In striving to meet an assigned DBE contract goal, contractors are expected to use DBE quotes that are responsive and reasonable. This includes DBE quotes that are not the low quote.
 - b. Additional evaluation - Evaluation of DBE quotes with tied bid items. Typically, this type of quoting represents a cost saving but is not clearly stated as a discount. Tied quotes are usually presented as an 'all or none' quote. When non-DBE subcontractors submit tied bid items in their quotes, the DBE firm's quote may not appear competitive. In such a case, the following steps are taken in comparing the relevant quotes. These are qualitative examples:

- i Compare bid items common to both quotes, noting the reasonableness in the price comparison.
- ii Review quotes from other firms for the bid items not quoted by the DBE firm to see if combining both can provide the same competitive advantage that the tied bid items offered.

See Appendix D – *Good Faith Effort Evaluation Measures* and Appendix E - *Good Faith Effort Best Practices*.

- c. Requesting Good Faith Effort Evaluation** At the time of bid- if the DBE goal is not met in full, the prime contractor must indicate they will file form DT1202- Documentation of Good Faith Effort within 24-hours of bid submission. Supplementary documentation of good faith effort that supports the DT1202 submission is also due within 24-hours of bid submission and prior to bid posting. Supporting documentation for the DT1202 is to include the following:
- (1) Solicitation Documentation: The names, addresses, email addresses, and telephone numbers of DBE firms contacted along with the dates of both initial and follow-up contact; electronic copies of all written solicitations to DBE firms. A printed copy of SBN solicitation is acceptable.
 - (2) Selected Work Items Documentation: Identify economically feasible work units to be performed by DBEs to include activities such as: list of work items to be performed; breaking up of large work items into smaller tasks or quantities; flexible time frames for performance and delivery schedules.
 - (3) Documentation of Project Information provided to interested DBEs: A description of information provided to the DBE firms regarding the plans, specifications, and estimated quantities for portions of the work to be performed by that DBE firm.
 - (4) Documentation of Negotiation with Interested DBEs: Provide sufficient evidence to demonstrate that good faith negotiations took place. Merely sending out solicitations requesting bids from DBEs does not constitute sufficient good faith efforts.
 - (5) Documentation of Sound Reasoning for Rejecting DBEs and copies of each quote received from a DBE firm and, if rejected, copies of quotes from non-DBEs for same items.
 - (6) Documentation of Assistance to Interested DBEs- Bonding, Credit, Insurance, Equipment, Supplies/Materials
 - (7) Documentation of outreach to Minority, Women, and Community Organizations and other DBE Business Development Support: Contact organizations and agencies for assistance in contacting, recruiting, and providing support to DBE subcontractors, suppliers, manufacturers, and truckers at least 14 days before bid opening. Participate in or host activities such as networking events, mentor-protégé programs, small business development workshops, and others consistent with DBE support.

If the Good Faith Effort documentation is deemed adequate, the request will be approved and the DBE office will promptly notify the Prime Contractor and Bureau of Project Development.

If the DBE Office denies the request, the Prime Contractor will receive written correspondence outlining the reasons. The Department encourages the Prime Contractor to communicate with DBE staff to clarify any questions related to meeting goals and/or contractor demonstration of good faith efforts.

If the contract is awarded, the Prime Contractor must obtain written consent from the DBE Office to change or replace any DBE firm listed on the approved DBE Commitment. No contractor, prime or subsequent tier, shall be paid for completing work assigned to a DBE subcontractor on an approved DBE Commitment unless WisDOT has granted permission for the reduction, replacement, or termination of the assigned DBE in writing. If a prime contractor or a subcontractor on any tier uses its own forces to perform work assigned to a DBE on an approved DBE Commitment, **they will not be paid for the work**. Any changes to DBE Commitment after the approval of the DBE Commitment must be reviewed and approved by the DBE Office prior to the change (see Section 9).

Additional resources for demonstrating and tracking good faith effort can be found on the “Contracting with a DBE” webpage in the [ASP-3 and Good Faith Effort Guidance](#) section.

4. Bidder's Documentation of Good Faith Effort Evaluation Request Appeal Process

A bidder can appeal the Department's decision to deny the bidder's demonstration of Good Faith Effort through Administrative Reconsideration. The bidder must provide a written justification refuting the specific reasons for denial as stated in the Department's denial notice. The bidder may meet in person with the Department if so requested. Failure to appeal within 5 business days after receiving the Department's written notice denying the request constitutes a forfeiture of the bidder's right of appeal. Receipt of appeal is confirmed by email date stamp or certified mail signed by WisDOT staff. A contract will not be executed without documentation that the DBE provisions have been fulfilled.

The Department will appoint a representative who did not participate in the original good faith effort determination, to assess the bidder's appeal. The Department will issue a written decision within 5 business days after the bidder presents all written and oral information. In that written decision, the Department will explain the basis for finding that the bidder did or did not demonstrate an adequate good faith effort to meet the contract DBE goal. The Department's decision is final.

5. Determining DBE Eligibility

Directory of DBE firms

- a. The only resource for DBE firms certified in the State of Wisconsin is the Wisconsin Unified Certification Program (UCP) DBE Directory. WisDOT maintains a current list of certified DBE firms at: <http://wisconsindot.gov/Documents/doing-bus/civil-rights/dbe/dbe-ucp-directory.xlsx>
- b. The DBE Program office is available to assist with contracting DBE firms:(608) 267-3849.
- c. DBE firms are certified based on various factors including the federal standards from the Small Business Administration that assigns a North American Industrial Classification (NAICS) Codes. DBE firms are only eligible for credit when performing work in their assigned NAICS code(s). If a DBE subcontractor performs work that is not with its assigned NAICS code, the prime contractor should contact the DBE Office to inquire about compatibility with the Business Development Program.

6. Counting DBE Participation

Assessing DBE Work

The Department will only count the DBE usage towards the contract DBE goal if the DBE firm is certified as a DBE by one of the UCP agencies. The Department only counts the value of the work a DBE actually performs towards the DBE goal. The Department assesses the DBE work as follows:

- a. The Department counts work performed by the DBE firm's own resources. The Department includes the cost of materials and supplies the DBE firm obtains for the work. The Department also includes the cost of equipment the DBE firm leases for the work. The Department will not include the cost of materials, supplies, or equipment the DBE firm purchases or leases from the prime contractor or its affiliate, with the exception of non-project specific leases the DBE has in place before the work is advertised.
- b. The Department counts fees and commissions the DBE subcontractor charges for providing bona fide professional, technical, consultant, or managerial services. The Department also counts fees and commissions the DBE charges for providing bonds or insurance. The Department will only count costs the program engineer deems reasonable based on experience or prevailing market rates.
- c. If a DBE firm subcontracts work, the Department counts the value of the work subcontracted to a DBE subcontractor.
- d. The contractor will maintain records and may be required to furnish periodic reports documenting its performance under this item.
- e. It is the Prime Contractor's responsibility to determine whether the work that is committed and/or contracted to a DBE firm can be counted for DBE credit by referencing the work type and NAICS code listed for the DBE firm on the Wisconsin UCP DBE Directory.

- f. It is the Prime Contractor's responsibility to assess the DBE firm's ability to perform the work for which it is committing/contracting the DBE to do. Note that the Department encourages the Prime Contractor to assist and develop DBE firms to become fully knowledgeable contractors to successfully perform on its contracts.
- g. The Prime Contractor will inform the DBE office via email of all DBE subcontractors added to the project following execution of the contract. The Prime Contractor may omit submission of another form DT1506, but must submit signed Attachment A forms for additional DBE firms.
- h. See Section 7 for DBE credit evaluation for Trucking and Section 8 for DBE credit evaluation for Manufacturers, Suppliers, and Brokers

Naming conventions: When emailing files, please use the following language to identify your submission- "Project #, Proposal #, Let date, Business Name, Attachment A" Email: DBE_Alert@dot.wi.gov

*Note: A sublet request is required for DBE work, regardless of subcontract tier, and also for reporting materials or supplies furnished by a DBE.

- Sublet Requests via form DT1925 or WS1925 are required for 1st Tier DBEs
- For all 2nd Tier and below notification of DBE sublet is indicated by the contractor entering them in CRCS

7. Credit Evaluation for Trucking

All bidders are expected to adhere to the Department's current trucking policy posted on the HCCI website at: <http://wisconsindot.gov/Documents/doing-bus/civil-rights/dbe/trucking-utilization-policy.pdf>

The prime contractor is responsible for ensuring that all subcontractors including trucking firms, receive Form FHWA 1273: <https://www.fhwa.dot.gov/programadmin/contracts/1273/1273.pdf>

See Section 8 for Broker credit.

8. Credit Evaluation for Manufacturers, Suppliers, Brokers

The Department will calculate the amount of DBE credit awarded to a prime using a DBE firm for the provisions of materials and supplies on a contract-by-contract basis. The Department will count the material and supplies that a DBE firm provides under the contract for DBE credit based on whether the DBE firm is a manufacturer, supplier, or broker. Generally, DBE credit is determined through evaluation of the DBE owner's role, responsibility, and contribution to the transaction. Maximum DBE credit is awarded when the DBE firm manufactures materials or supplies. DBE credit decreases when the DBE firm solely supplies materials, and minimal credit is allotted when the DBE firm's role is administrative or transactional. It is the bidder's responsibility to confirm that the DBE firm is considered a supplier or a manufacturer before listing them on Commitment to Subcontract to DBE form DT1506 or DBE Commitment submitted with the bid.

a. Manufacturers

- (1) A manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the contract and of the general character described by the specifications.
- (2) If the materials or supplies are obtained from a DBE manufacturer, **100%** percent of the cost of the materials or supplies counts toward DBE goals.

b. Regular Dealers of Material and/or Supplies

- (1) A regular dealer is a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications

and required under the contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business.

- (2) If the materials or supplies are purchased from a DBE regular dealer, count **60%** percent of the cost of the materials or supplies toward DBE goals.
- (3) At a minimum, a regular dealer must meet the following criteria to be counted for DBE credit:
 - i. The DBE firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question.
 - ii. The DBE firm must both own and operate distribution equipment for the product--bulk items such as petroleum products, steel, cement, gravel, stone, or asphalt. If some of the distribution equipment is leased, the lease agreement must accompany the DBE Commitment form for evaluation of the dealer's control before the DBE office approves the DBE credit.
- (4) When DBE suppliers are contracted, additional documentation must accompany the DBE Commitment and Attachment A forms. An invoice or bill-of-sale that includes names of the bidder and the DBE supplier, along with documentation of the calculations used as the basis for the purchase agreement, subcontract, or invoice. WisDOT recognizes that the amount on the Attachment A form may be more or less than the amount on the invoice per b.(1) above.
 - i. The bidder should respond to the following questions and include with submission of form DT1506 or the DBE Commitment entered with bid:
 - a. What is the product or material?
 - b. Is this item in the prime's inventory or was the item purchased when contract was awarded?
 - c. Which contract line items were referenced to develop this quote?
 - d. What is the amount of material or product used on the project?
- (5) Supplies purchased in **bulk** from DBE firms at the beginning of the season may be credited to current contracts if submitted with appropriate documentation to the DBE office.
 - i. To ensure that the appropriate credit is assigned, follow the procedure below:
 - a. When DBE suppliers are contracted for bulk supply or commodity purchases, an invoice or bill-of-sale that includes names of the contractor and the DBE supplier should be submitted to the DBE Office via eSubmit (preferred during letting) or the DBE_Alert email box. The supply/commodity credit may be applied during the federal fiscal year (October- September) in which the purchase was made.
 - b. When the contractor intends to apply the credit to a particular project, submit a copy of the original invoice, documentation of the calculations for supplies/commodities to be used on the project, and an Attachment A. Indicate on the Attachment A:
 - c. This supply/commodity is in the prime's inventory or pre-paid in case of commodities
 - d. The full value of the original invoice submitted to the DBE Office, above in (1)
 - e. The amount of material or product used on this project
 - f. Fuel estimate listed on Attachment A will be recorded as a deduction from the full fuel purchase amount shown on the invoice
 - ii. DBE Office Process (Applies only to bulk purchases)
 - a. Supply/Commodity commitment is received
 - b. Engineer verifies amount listed on invoice and enters the full amount into spreadsheet
 - c. The amount of credit applied for each project is updated on the spreadsheet until the bulk purchase is exhausted
 - d. Engineer informs contractor when full amount of bulk purchase has been applied

c. Brokers, Transaction Expeditors, Packagers, Manufacturers' Representatives

- (1) No portion of the cost of the materials, supplies, services themselves will count for DBE credit. However, WisDOT will evaluate the fees or commissions charged when a prime purchases materials, supplies, or services from a DBE certified firm which is neither a manufacturer nor a regular dealer, namely: brokers, packagers, manufacturers' representatives, or other persons who arrange or expedite transactions.
- (2) Brokerage fees are calculated as **10%** of the purchase amount.
- (3) WisDOT may count the amount of fees or commissions charged for assistance in the procurement of the materials and supplies, fees, or transportation charges for the delivery of materials or supplies required on a job site.
- (4) Evaluation of DBE credit includes review of the contract need for the item/service, the sub-contract or invoice for the item/service, and a comparison of the fees customarily allowed for similar services to determine whether they are reasonable.

9. DBE Commitment Modification Policy (Formerly "DBE Replacement Policy")

a. Issuing a Contract Change Order

Any changes or modifications to the contract once executed are considered contract modifications and as such require a change order. In addition, the DBE office must provide consent for reduction, termination, or replacement of subcontractors approved on the DBE Commitment *in advance* of the modification for the prime contractor to receive payment for work or supplies. Additions to the DBE Commitment do not require advance notification of the DBE office. (see below e. DBE Utilization beyond the approved DBE Commitment)

b. Contractor Considerations

- (1) A prime contractor cannot modify the DBE Commitment through reduction in participation, termination, or replacement of a DBE subcontractor listed on the approved DBE Commitment without prior written consent from the DBE Office. This includes, but is not limited to, instances in which a prime contractor seeks to perform work originally designated for a DBE subcontractor with its own forces or those of an affiliate, a non-DBE firm, or with another DBE firm.
- (2) If a prime contractor reduces participation, replaces, or terminates a DBE subcontractor who has been approved for DBE credit toward its contract, the prime is required to provide documentation supporting its inability to fulfill the contractual commitment made to the Department regarding the DBE utilization.
- (3) The Prime Contractor is required to demonstrate efforts to find another DBE subcontractor to perform at least the same amount of work under the contract as the DBE subcontractor that was terminated, to the extent needed to meet the assigned DBE contract goal. When additional opportunity is available by contract modifications, the Prime Contractor must utilize DBE subcontractors that were committed to equal work items, in the original contract.
- (4) In circumstances when a DBE subcontractor fails to complete its work on the contract for any reason, or is terminated from a contract, the Prime Contractor must undertake efforts to maintain its commitment to the assigned DBE goal.
- (5) The DBE subcontractor should communicate with the Prime Contractor regarding its schedule and capacity in the context of the contract. If the DBE firm anticipates that it cannot fulfill its subcontract, they will advise the Prime Contractor and suggest a DBE subcontractor that may replace their services and provide written consent to be released from its subcontract.
 - i. Before the Prime Contractor can request modification to the approved DBE Commitment, the Prime Contractor must:
 - a. Make every effort to fulfill the DBE Commitment by working with the listed DBE subcontractor to ensure that the firm is fully knowledgeable of the Prime Contractor's expectations for successful performance on the contract. Document these efforts in writing.

- b. If those efforts fail, provide written notice to the DBE subcontractor of the Prime Contractor's intent to request to modify the Commitment through reduction in participation, termination, and/or replacement of the subcontractor including the reason(s) for pursuing this action.
- c. Copy the DBE Office on all correspondence related to changing a DBE subcontractor who has been approved for DBE credit on a contract, including preparation and coordination efforts.
- d. Clearly state the amount of time the DBE firm has to remedy and/or respond to the notice of intent to replace/terminate. The DBE must be allowed five days from the date notice was received as indicated by email time stamp or signed certified mail, to respond, in writing. EXCEPTION: The Prime Contractor must provide a verifiable reason for a response period shorter than five days. For example, a WisDOT project engineer or project manager confirms that WisDOT has eliminated an item the DBE subcontractor was contracted for.
- e. The DBE subcontractor must acknowledge the contract modification with written response to the Prime Contractor and the DBE Office. If objecting to the subcontract modification, the DBE subcontractor must outline the basis for objection to the proposed modification, providing sound reasoning for WisDOT to reject the prime's request.

c. Request to Modify DBE Subcontracting Commitment

The written request referenced above may be delivered by email or fax. The request must contain the following:

- (1) Project ID number
- (2) WisDOT Contract Project Engineer's name and contact information
- (3) DBE subcontractor name and work type and/or NAICS code
- (4) Contract's progress schedule
- (5) Reason(s) for requesting that the DBE subcontractor be replaced or terminated
- (6) Attach/include all communication with the DBE subcontractor to deploy/address/resolve work completion

Naming conventions: When emailing files, please use the following language to identify your submission- "Project #, Proposal #, Let date, Business Name, MODIFICATION" Email: DBE_Alert@dot.wi.gov + Project Engineer

WisDOT will review the request and any supporting documentation submitted to evaluate if the circumstance and the reasons constitute good cause for replacing or terminating the approved DBE subcontractor.

Good Causes to Replace a DBE subcontractor according to the federal DBE program guidelines {49 CFR part 26.53}

- The listed DBE subcontractor fails or refuses to execute a written contract
- The listed DBE subcontractor fails or refuses to perform the work of its subcontract in a way consistent with normal industry standards. Provided, however, that good cause does not exist if the failure or refusal of the DBE subcontractor to perform its work on the subcontract results from the bad faith or discriminatory action of the prime contractor
- The listed DBE subcontractor fails or refuses to meet the prime contractor's reasonable, nondiscriminatory bond requirements
- The listed DBE subcontractor becomes bankrupt, insolvent, or exhibits credit unworthiness
- The listed DBE subcontractor is ineligible to work on public works projects because of suspension and debarment proceedings pursuant 2 CFR Parts 180, 215, and 1,200 or applicable state law
- The prime has determined that the listed DBE subcontractor is not a responsible contractor
- The listed DBE subcontractor voluntarily withdraws from the project and provides written notice of its withdrawal
- The listed DBE subcontractor is ineligible to receive DBE credit for the type of work required

- A DBE firm owner dies or becomes disabled with the result that the listed DBE subcontractor is unable to complete its work on the contract.

d. Evaluation and Response to the Request

WisDOT's timely response to the Prime Contractor's request for modification of the approved DBE Commitment will be provided to the prime and the WisDOT project engineer via email.

If WisDOT determines that the Prime Contractor's basis for reduction in participation, replacement, or termination of the DBE subcontractor is not consistent with the good cause guidelines, the DBE office will provide a response via email within 48-hours of receipt of request from the Prime Contractor as indicated by email time stamp. The communication will include: the requirement to utilize the committed DBE, actions to support the completion of the contractual commitment, a list of available WisDOT support services, and administrative remedies, including withholding payment to the prime, that may be invoked for failure to comply with federal DBE guidelines for DBE replacement.

The WisDOT contact for all actions related to modification of the approved DBE Commitment is the DBE Program Engineer who can be reached at DBE_Alert@dot.wi.gov or (414) 335-0413.

e. DBE Utilization beyond the approved DBE Commitment

When the prime or a subcontractor increases the scope of work for an approved DBE subcontractor or adds a DBE subcontractor who was not on the approved form DT1506 or DBE Commitment submitted with bid at any time after contract execution, this is referred to as voluntary DBE contract goal achievement. The contractor must follow these steps to ensure that the participation is accurately credited toward the DBE goal:

- (1) Forward a complete, signed Attachment A form to the DBE Office. A complete Attachment A includes DBE subcontractor contact information, signatures, subcontract value, and description of the work areas to be performed by the DBE. The DBE Office will verify the DBE participation and revise the DBE Commitment based on the email/discussion and the new Attachment A.
- (2) When adding to an existing DBE Commitment, submit a new Attachment A to the DBE Alert mailbox
- (3) OR Submit a final Attachment A to DBE Alert during the Finals Process when Compliance receives notice of "Substantially Complete"

Naming conventions: When emailing files, please use the following language to identify your submission- "Project #, Proposal #, Let date, Business Name, New Attachment A" Email: DBE_Alert@dot.wi.gov

Special note on trucking

- DBE truckers added to the sublets in CRCS *will* be approved without DBE credit (You will see a "N" in CRCS instead of "Y")
- Prime Contractors may enter a "place holder" e.g. \$1000.00, for DBE Trucking in CRCS if the full amount of trucking is unknown for sublet purposes only
- The hiring contractor may obtain the Attachment A with DBE signature included but the **Prime Contractor** must sign the Attachment A before submitting
- DBE truckers need to be added to the DBE commitment once. If the DBE trucker is on the initial commitment (DT1506/E1506) there is no requirement to submit another Attachment A for that trucker for that contract.

10. Commercially Useful Function

- a. Commercially Useful Function (CUF) is evaluated after the contract has been executed, while the DBE certified firm is performing contracted work items.
- b. The Department uses Form DT1011, DBE Commercially Useful Function Review and Certification to evaluate if the DBE is performing a commercially useful function. WisDOT counts expenditures of a DBE toward the DBE goal only if the DBE is performing a commercially useful function on that contract.

- c. A DBE firm is performing a commercially useful function if the following conditions are met:
 - (1) For contract work, the DBE is responsible for executing a distinct portion of the work and is carrying out its responsibilities by actually performing, managing, and supervising that work.
 - (2) For materials and supplies, the DBE is responsible for negotiating price, determining quality and quantity, ordering, and paying for those materials and supplies.
- d. Offsite Hauling – when DBE truck will haul between a pit and plant or location other than the construction site associated with the commitment
 - (1) Indicate Offsite Hauling on Attachment A
 - (2) Discuss offsite hauling at weekly progress meetings with Project Engineer (PE)
 - (3) PE conducts spot checks of pits/plants to verify DBE truck is hauling and/or verifying hauling log
 - (4) Prime should be prepared to submit haul tickets, plant/pit tickets, timecards, and other pertinent documentation if requested by PE or DBE Office

11. Credit Evaluation for DBE Primes

WisDOT calculates DBE credit based on the amount and type of work performed by DBE certified firms for work submitted with required documentation. If the prime contractor is a DBE certified firm, the Department will only count the work that the DBE prime performs with its own forces for DBE neutral credit. The Department will also calculate DBE credit for work performed by any other DBE certified subcontractor, DBE certified supplier, and DBE certified manufacturer on the contract in each firm's approved NAICS code/work areas that are submitted with required documentation. Crediting for manufacturers and suppliers is calculated consistent with Section 8 of this document and 49 CFR Part 26.

12. Joint Venture

A joint venture is an association of a DBE firm and one or more other firms to carry out a single, for-profit business enterprise, for which the parties combine their property, capital, efforts, skills and knowledge, and in which the DBE is responsible for a distinct, clearly defined portion of the work of the contract and whose share in the capital contribution, control, management, risks, and profits of the joint venture are commensurate with its ownership interest. If a DBE performs as a participant in a joint venture, the Department will only credit the portion of the total dollar value of the contract equal to the portion of the work that the DBE performs with its own forces.

13. Mentor-Protégé

- a. If a DBE performs as a participant in a mentor-protégé agreement, the Department will credit the portion of the work performed by the DBE protégé firm.
- b. DBE credit is evaluated and confirmed by the DBE Office for any contracts on which the mentor-protégé team identifies itself to the DBE Office as a current participant of the Mentor-Protégé Program.
 - (1) DBE credit may only be awarded to a non-DBE mentor firm for using its own protégé firm for less than one half of its goal on any contract; and
 - (2) Not award DBE credit to a non-DBE mentor firm for using its own protégé firm for more than every other contract performed by the protégé firm.
- c. A DBE protégé firm may be eligible for conditional NAICS code extension for training with the mentor. Request permission from the DBE Office- Certification area.
- d. Refer to WisDOT's Mentor-Protégé guidelines for guidance on the number of contracts and amount of DBE credit allowed on WisDOT projects.

14. Use of Joint Checks

The use of joint checks is allowable if it is a commonly recognized business practice in the material industry. A joint check is defined as a two-party check between a DBE subcontractor, a prime contractor, and the regular dealer or materials supplier who is neither the prime nor an affiliate of the prime. Typically, the prime contractor issues one check as payor to the DBE subcontractor and to the supplier jointly (to guarantee payment to the supplier) as payment for the material/supplies used by the DBE firm in cases where the DBE subcontractor and materials have been approved for DBE credit. The DBE subcontractor gains the opportunity to establish a direct contracting relationship with the supplier to potentially facilitate a business rapport that results in a line of credit or increased partnering opportunities.

The cost of material and supplies purchased by the DBE firm is part of the value of work performed by the DBE to be counted toward the goal. To receive credit, the DBE firm must be responsible for negotiating price, determining quality and quantity, ordering the materials, and installing (where applicable) and "paying for the material itself." See 49 CFR 26.55(c)(1).

The approval to use joint checks constitutes a commitment to provide further information to WisDOT, upon request by staff. WisDOT will allow the use of joint checks when the following conditions are met:

- a. The Prime Contractor must request permission to use joint checks from the DBE Office by submitting the Application to Use Joint Checks.
 - (1) Request should be made when the DBE Commitment or the Request to Sublet is submitted; the request will not be considered if submitted after the DBE Subcontractor starts its work.
 - (2) Approval/Permission must be granted prior to the issuance of any joint checks.
 - (3) The payment schedule for the supplier must be presented to the DBE office before the first check is issued.
 - (4) The joint check for supplies must be strictly for the cost of approved supplies.
- b. The DBE subcontractor is responsible for furnishing and/or installing the material/work item and is not an 'extra participant' in the transaction. The DBE firm's role in the transaction cannot be limited solely to signing the check(s) to release payment to the material supplier. At a minimum, the DBE subcontractor's tasks should include the following:
 - (1) The DBE subcontractor (not the prime/payor) negotiates the quantities, price, and delivery of materials.
 - (2) The DBE subcontractor consents to sign/release the check to the supplier by signing the [Application to Use Joint Checks](#) after establishing the conditions and documentation of payment within the subcontract terms or in a separate written document.
- c. The Prime contractor/payor acts solely as a guarantor.
 - (1) The Prime Contractor agrees to furnish the check used for the payment of materials/supplies under the contract.
 - (2) The prime contractor/payor cannot require the subcontractor to use a specific supplier or the prime contractor's negotiated unit price.

15. Payment

Costs for conforming to this Additional Special Provision (ASP) and any associated DBE requirements are incidental to the contract.

Appendix A

Substantive Conversation Guidelines

The substantive conversation is critical to all bidders' demonstration of good faith effort to meet the DBE goal prior to bid opening. Relationship building between primes and subcontractors is crucial to DBE goal attainment. Responsible bidders seek to build rapport with potential DBE subcontractors to understand capacity, areas of expertise, and assess contracting feasibility. Bidders who compete for WisDOT contracts are specialty contractors responding to a growing and changing contract environment. Just as these specialists are responsible for care of the roads, they are likewise responsible for contributing to the health of the industry. The substantive conversation drives collaboration that will build industry health and capacity. The following is intended to provide guidance for such discussions but is not an exhaustive list. Contractors are encouraged to incorporate their existing strategies for cultivating business relationships as well.

Prior to Bid Opening- this discussion should happen as early as possible (WisDOT advertisements are released weeks prior to each Let)

1. Determine DBE subcontractor's interest in quoting
2. If response indicates inexperience with quoting- offer support/assistance to the DBE in understanding the industry including fundamentals a subcontractor needs to know, required reading and/or resources.
3. Assess their interest and experience in the road construction industry by asking questions such as:
 - Have you competed for other WisDOT contracts? Ratio of competed/to wins
 - Have you performed on any transportation industry contracts (locally or with other states)?
 - What the largest contract you've completed?
 - Have you worked in the industry: apprentice, journeyman, safety, inspection etc.?
 - Does this project fit into your schedule? Are you working on any contracts now?
 - Have you reviewed a copy of the plans? Are you comfortable performing within the scope and quantity considerations of this contract?
 - What region do you work in? Home base?
 - Which line items are you considering?
 - Have you read/are you familiar with WisDOT Standard Specifications? Construction Material Manual?
 - Do you understand where your work fits in the project schedule, project phases?

Following Bid Opening- this discussion can happen at any time

1. After reviewing their quote, note the following in your discussion:
 - Does the quote look complete? Irregular?
 - Are there errors in the quote? Are items very high or very low?
 - In general, does the quote look competitive?
2. Questions and Advice for the bidder to share with the potential DBE subcontractor:
 - What line items would typically be in a competitive quote for a subcontractor of their specialty?
 - How many employees and what is their role/experience/expertise in your firm?
 - Do you have resources for labor (union member, family-based, community-resourced) and capital (banking relationship, bond agent, CPA)?
 - Where have you worked: cities, states, government, commercial, residential/private sector, etc. Explain similarities or differences.
 - Refer them to reliable, trusted, industry resources that can educate or connect them to relevant resources, education/certification resources, more appropriate contract opportunities.
 - Discussion about prime contract and subcontract liability, critical path items, contract quantities, schedule risks, and potential profit/loss (for upcoming known projects or in general).
 - Discussion of bonding, insurance, and overall business risk considerations.

Appendix B

Sample Contractor Solicitation Letter Page 1

(This sample is provided as a guide, not a formatting requirement)

DBE Solicitation - [Month] [Day], [Year] WisDOT Bid Letting

Attention all DBEs. [Prime Contractor] is actively seeking your quote for the [Month][Day], [Year] Bid Letting. [Prime Contractor] is considering bidding on the projects listed on page 2 as a prime contractor. Please see page 2 for instructions and the sub-contractable opportunities for each proposal.

Does [Prime Contractor] accept quotes in areas we might self-perform? Yes, we do! We support this federal rule and (if needed) we consider areas we might self-perform an opportunity to provide in the field assistance and training if we award your quote.

Where can DBEs find the plans, specifications & addenda? Please visit [Prime Contractor's] plan room [LINK] or on WisDOT's Highway Construction Contract Information HCCI website: [Wisconsin Department of Transportation Highway Construction Contract Information \(wisconsindot.gov\)](https://wisconsindot.gov/HighwayConstructionContractInformation). This same website can be checked for the contract status.

What should your quote include? All the costs required to complete the items you propose to perform including labor, equipment, material, and related bonding or insurance. The quote should also note items that you are DBE certified to perform, tied items, and any special terms. Please use page 2 as your cover sheet for your quote.

Do you have a question regarding bonding, credit, insurance, equipment, or supplies/materials? We welcome all DBE questions! Please call [Prime Contractor] and ask to speak with [Contact]. [Prime Contractor] can provide basic information as well as a referral to a trusted industry partner for insurance and bonding needs.

When are quotes due?

[Month] [Day], [Year] at [Time]. We accept quotes via SBN, email, or fax. Please make every effort to have your quotes in by this time or earlier. Quality check your quote so it includes the correct letting date, project ID, proposal number, unit price and extension.

Who can DBEs contact for questions, information, clarification or for a quote evaluation? [Project Manager Name] [Phone] [Email]. If you are quoting [Prime Contractor] for the first time, we encourage you to come meet with us in person to discuss the project. Our office hours are 7:30 a.m. – 5:00 p.m. On bid day, we are in the office by 6:30 a.m.

Why partner with [Prime Contractor]?

DBE partnership is a core part of [Prime Contractor's] mission. Including DBEs at the beginning of each project is essential in the success of each project. We consider DBEs to be important industry partners who bring dedication and knowledge at various stages during construction. We are proud to be an industry leader with our DBE partnership. Your success as a DBE is our success.

Sample Contractor Solicitation Letter Page 2*(This sample is provided as a guide, not a formatting requirement)***REQUEST FOR QUOTE****[Prime Contractor]****Letting Date: [Month] [Day], [Year]****Project IDs: 1234-56-00 (Proposal #1) & 1234-01-78 (Proposal #6)**

Please check all that apply:

- ☐ Yes, we will be quoting the projects & items listed below
- ☐ No, we are not interested in quoting on the letting or its items referenced below
- ☐ Please take our name off your monthly DBE contact list
- ☐ We have questions about quoting this letting. Please have someone contact me at this number:

Prime Contractor Contact: _____

DBE: _____

Phone: _____

Fax: _____

Email: _____

Please circle the proposals and items you will be quoting below and contact us with any questions

Proposal	1	6
County	Dane County	Crawford County
Clearing & Grubbing	X	X
Dump Truck Hauling	X	X
Curb/Gutter/Sidewalk	X	
Erosion Control Items		X
Excavation	X	X
Pavement Marking		X
Traffic Control	X	
Sawing	X	X
QMP, Base		X
Pipe Underdrain	X	
Landscape		X
Beam Guard	X	
Electrical	X	
Signs/Posts/Markers		X
Survey/Staking		X

Again, please make every effort to have your quotes into our office by **time deadline** prior to the letting date.

Sample Contractor Solicitation Email - Simplified

(This sample is provided as a guide, not a formatting requirement)

ATTENTION DBEs

- [Prime Contractor] specializes in municipal projects in the XX Region(s)
- We have successfully competed for and completed XX WisDOT projects over the past XX years
- Consider [Prime Contractor] your partner on WisDOT Projects

[Prime Contractor] is seeking your subcontractor quote for the XX/XX/20XX WisDOT bid letting on the below projects:

Project	Proposal	County	Region
1234-56-00	2	Dane	SW
1234-01-78	6	Crawford	SW

- o Please review the attachments [**attach Solicitation Letter**] and respond with your intent to quote (or not) along with the work items you are interested in performing and respond via fax or email by date. The quote should note items that you are DBE certified to perform, tied items, and any special terms. Please include labor, equipment, material, and related bonding or insurance.
- o If you have any questions regarding bonding, credit, insurance, equipment and/or materials/supplies, please feel free to call [Prime Contractor] and ask for [Contact]. **(Include if your company is willing to answer these types of DBE questions)**
- o Plans and Specifications can be found: **WisDOT HCCI Website: List webpage where plans are located**
- o If you do choose to quote, please make every effort to have your quote into our office by time and date. Make sure the correct letting date, project number, unit price and extension are included in your quote.
- o Should you have questions regarding the mentioned project, please call our office at (414) 555-5555 and we will direct you to the correct estimator/project manager.
Our office hours are 7:30 a.m. - 5:00 p.m.

Thank you – we look forward to working with your company on this project!

Prime Contractor
Project Manager

Direct: 414-555-5555

Cell: 414-555-5556

Sample Contractor Solicitation Email to **non-DBE** WisDOT Subcontractors - Simplified

(This sample is provided as a guide, not a formatting requirement)

ATTENTION WisDOT SUBCONTRACTORS

[Prime Contractor] is considering bidding on the below projects for the XX/XX/20XX WisDOT Bid Letting:

Project	Proposal	County	Region	DBE Goal
1234-56-00	2	Dodge	SW	6.00%
1234-01-78	11	Adams	NC	3.00%
1234-00-99	20	Buffalo	NW	5.00%
1234-00-98	33	Portage	NC	6.00%

The above projects have DBE goals and [Prime Contractor] is committed to DBE inclusion with every project. As such, we are requesting:

- All WisDOT Subcontractors to **solicit and utilize** DBEs in your quotes.
- DBE participation can be achieved through purchasing materials from DBE suppliers, using DBE subcontractors and/or DBE trucking firms or any combination of these.
- If there is an opportunity to untie an item in your quote so a DBE can be utilized, please look for those opportunities as well.
- Your quote will be evaluated based on the amount of DBE participation your company is able to provide when compared to other quotes for the same work.

If you do choose to quote, please make every effort to have your quote into our office by **time and date**. Please submit all quotes to [Email]. Make sure the correct letting date, project number, unit price and extension are included in your quote.

Should you have questions regarding the mentioned project, the Project Manager contact is: [Name] [Phone Number] [Email]

Thank you for utilizing DBEs who are trusted industry partners with WisDOT projects.

Prime Contractor

Project Manager

Direct: 414-555-5555

Cell: 414-555-5556

Appendix C

Small Business Network (SBN) Overview

The Small Business Network is a part of the Bid Express® service that was created to ensure that prime bidders have a centralized online location to find subs - including small and disadvantaged business enterprises (DBEs). It is available for prime bidders to use as part of their Basic Service subscription. Within the Small Business Network, **Prime Contractors** can:

1. Easily select proposals, work types and items:
 - a. After adding applicable work types, select items that you wish to quote. Enter the sub-quote quantities and add comments, if desired. Adding or removing items and work types can be done quickly. If needed, you can save the sub-quote for later completion.
2. Create sub-quotes for the subcontracting community:
 - a. Create sub-quotes with ease using the intuitive sub-quote creator. In seven short steps, you can rapidly create a custom sub-quote directed to all subcontractors that bid on the applicable work types. Steps include: provide contact information and sub-quote expiration date, select letting and proposal, add work types and items, specify terms and conditions, upload attachments, and select vendors.
 - b. Create a sub-quote to send to subcontractors or suppliers that lists the items in a proposal that you want quoted
 - c. Create an unlimited number of sub-quotes for items you want quoted, and optionally mark them as a DBE preferred request.
 - d. Add attachments to sub-quotes.
3. View sub-quote requests & responses:
 - a. After logging into the Bid Express service, you can quickly review all of your sub-quote requests and all unsolicited sub-quote requests from subcontractors. To simplify the Small Business Network home screen, sub-quote requests can be hidden with one click if they are not applicable.
 - b. View or receive unsolicited sub-quotes that subcontractors have posted, complete with terms, conditions and pricing.
4. View Record of Subcontractor Outreach Effort:
 - a. For each sub-quote produced, a *Record of Subcontractor Outreach Effort* is generated that shows the response statistics for a particular sub-quote. If accepted by the letting agency, this report may serve as proof of a "Good Faith" effort in reaching out to the DBE community.
 - b. Easily locate pre-qualified and certified small and disadvantaged businesses.
 - c. Advertise to small and disadvantaged businesses more efficiently and cost effectively.
 - d. Document your interactions with subs/DBEs by producing an Outreach Report (may be accepted as proof of DBE outreach at the discretion of each agency).

The Small Business Network help small businesses learn more about opportunities, compete more effectively, network with other contractors and subcontractors, and win more jobs. The DBE will provide free SBN accounts to DBEs when requested. Use DBE_Alert@dot.wi.gov to request an account. **DBE firms can:**

1. View and reply to sub-quote requests from primes:
 - a. After logging into the Bid Express service, you can quickly review all incoming sub-quote requests and all unsolicited sub-quotes created by your company. Receive notifications by selected work type. To simplify on the Small Business Network home screen, sub-quote requests can be filtered by work types relevant to your interests or hidden with one click if they are not applicable.
2. Select items when responding to sub-quote requests from primes:
 - a. You have the freedom to choose and price any number of items when responding to a sub-quote request. Quantities can be modified, and per-item comments are also available.
 - b. View requests for sub-quotes for work that primes have posted for projects they are bidding, add your pricing, terms, and conditions, and submit completed sub-quotes to the requesting primes.
 - c. Add attachments to a sub-quote.
3. Create and send unsolicited sub-quotes to specific contractors:
 - a. Create unsolicited sub-quotes with ease using the intuitive sub-quote creator. In eight short steps, you can rapidly create a custom sub-quote directed at any number of specific vendors of your choosing. Steps include: provide contact information and sub-quote expiration date, select letting and proposal, add work types and items, specify terms and conditions, upload attachments, and select vendors.
4. Easily select and price items for unsolicited sub-quotes:
 - a. After adding applicable work types, select items that you wish to quote. The extended price calculates automatically, cutting out costly calculation errors. Comments can be provided on a per-item basis as well.
 - b. Create an unsolicited sub-quote that lists the items from a proposal that you want to quote, include pricing, terms and conditions, and send it to selected prime/plan holder.
 - c. Add attachments to a sub-quote.
 - d. Add unsolicited work items to sub-quotes that you are responding to.
5. Easy Access to Valuable Information
 - a. Receive a confirmation that your sub-quote was opened by a prime.
 - b. View Bid Tab Analysis data from past bids, including the high, average and low prices of items.
 - c. View important notices and publications from DOT targeted to small and disadvantaged businesses.
6. Accessing Small Business Network for WisDOT contracting opportunities
 - a. If you are a contractor not yet subscribing to the Bid Express service, go to www.bidx.com and select "Order Bid Express." The Small Business Network is a part of the Bid Express Basic Service.

Appendix D

Good Faith Effort Evaluation Measures *by categories referenced in DBE regulations*

Bidders must demonstrate that they took all necessary and reasonable steps to achieve the assigned DBE contract goal. For each contract, all bidders must submit documentation indicating the goal has been met or if falling short of meeting the assigned goal, must request a DBE Goal Waiver and document all efforts employed to secure DBE subcontractor participation on Form DT1202.

DBE staff analyze the bidder's documented good faith efforts to determine if action taken was sufficient to meet the goal. Sufficiency is measured contract-by-contract. WisDOT evaluates active and aggressive efforts, quality, quantity, scope, intensity, and appropriateness of the bidder's efforts as a scale of the principles of Good Faith outlined in 49 CFR Part 26, Appendix A. Additional emphasis is placed on the bidder's demonstration of timely submission of documentation and communication with DBE subcontractors, and business development initiatives undertaken to support DBE firm growth.

The following is a sample of good faith effort activities that are rated according to the accompanying rubric. Contractors are encouraged to identify additional activities that align with their business type(s).

- Personal, tailored solicitation to firms that specialize in work types planned or desired for subcontracting
- Follow up to initial solicitation via email or phone
- Substantive conversation including topics such as contract liability, critical path work items, schedule risks, and potential profit/loss
- SBN utilization including posting quotes
- Review and response to DBE quotes including provision of information about plans, specifications, and requirements as applicable
- Documentation requesting subcontractors support DBE goal by solicitation and inclusion of DBE subcontractor quotes
- Responsive and timely submission of organized documentation
- Analysis of number of DBE firms who do work types that you typically subcontract
- Analysis of number of DBE firms who reside in geographical areas where prime seeks work
- Analysis of firms who express interest in bidding/quoting including the number of firms who declined your solicitation
- Reference check of DBE subcontractor work or training (documentation of questions and response required)
- Number of different efforts undertaken to meet the assigned DBE goal as documented in accompanying Form DT1202
- Submission of all DBE quotes received matched with a variety of work to be performed by DBEs
- Number and names of DBE firms provided written advice, or referral to industry-specific business development resources
- Overall pattern of DBE utilization on all WisDOT contracts which may include contracting with municipalities
- Documentation of resources expended to meet assigned DBE goal (#of hours, staff titles, average pay rate, actions taken)
- Analysis of subcontractable work items to be completed by prime beyond prime contractor's 30%
- Risk analysis of work items that are typically in tied quotes that could be unbundled
- List of contract work items in smallest economically feasible units, identifying schedule impact
- Submission of a Gap Analysis identifying DBE skillset and/or industry needs
- Staff training in EEO and Civil Rights laws as documented in training logs
- Written Capacity Assessment completed with DBE firm documenting its ability to perform the work quoted
- DBE engagement efforts beyond simple solicitation that include a substantive discussion, initiated as early in the acquisition process as possible (*points added for each day prior to letting*)
- Outreach and marketing efforts with minority, women, and veteran-focused organizations at least 10 days prior to bid opening
- Active involvement in WisDOT's Business Development Program, TrANS training, facilitated networking efforts, workshops
- Customized teaching/training efforts for future opportunities with DBE subcontractor, contract specific and/or annually
- Introduction and reference provided for DBE subcontractor to a prime who has not previously contracted with the DBE firm
- Prime utilization of a DBE subcontractor the prime has not contracted with previously
- Written referral/recommendation to bond/insurance agents, manufacturer, supplier
- Documented efforts fostering DBE participation through administrative and/or technical assistance
- Evidence of negotiation with the DBE firm about current and future Let opportunities
- Recommendation of local and state services that support small business and access to opportunity: DOA, SBA, WEDC, WPI, etc.
- Advice on bonding, lines of credit, or insurance as required to complete the items quoted and contract requirements

GFE Evaluation Rubric – Phase 1 – Initial Review

DT1202	Examples	Rating	OBOEC Feedback
Solicitation Documentation	Identify all reasonable and available activities performed to solicit the interest of all certified DBEs who have capacity and ability to perform work on the project. <i>Such as: Updated solicitation letter and email, timely solicitation, and follow-up, and/or utilized various methods to communicate solicitation (ex: letter, email, publication, posting and/or website)</i>		
Selected Work Items Documentation	All work items are broken out into economically feasible units to facilitate DBE participation. <i>Such as: Selected work items are <u>specific</u> to each proposal and clearly identified in all solicitation(s)</i>		
Documentation of Project Information provided to Interested DBEs	Provide interested DBEs with adequate information about the plans, specifications, and any other contractual requirements in a timely manner to assist DBEs in response to solicitation. <i>Such as: Project information is clearly identified in all solicitation(s)</i>		
Documentation of Negotiation with Interested DBEs	Provide sufficient evidence demonstrating that good faith negotiations took place during the bid letting. <i>Such as: Documented attempts with DBEs or on behalf of DBEs to increase DBE participation</i>		
Documentation of Sound Reason for Rejecting DBEs	Provide sufficient evidence demonstrating that DBEs are rejected for sound reasons. <i>Such as: Detailed and thoughtful analysis that considers both the percentage and dollar difference when rejecting a DBE including past performance, relevant business experience and stability, safety record, business ethic and integrity, technical capacity, and other tangible factors.</i>		
Documentation of Assistance to Interested DBEs- bonding, credit, insurance, equipment, supplies/materials	Documented assistance in both solicitation(s) and outreach to DBEs.		
Documentation of Outreach to Minority, Women, and Community organizations and other DBE Business Development Support	Effectively use the services of minority, women, and community organizations as well as contractors' groups, local, state, and federal business assistance offices and organization that provide assistance in recruiting and supporting DBEs, as well participation in activities that support DBE business development. <i>Such as: Variety of activities that translate into meaningful DBE participation</i>		
Documentation of other GFE activities	<i>Such as: Used DT1202 Excel Workbook, Diversity & Inclusion company policy, Mentor-Protégé participant, awarded neutral DBE after bid submission, included company GFE overview/strategy information and/or company website highlights DBE opportunities and participation</i>		
Overall Demonstration of GFE			

GFE EVALUATION RATING LEGEND – PHASE 1 – Initial Review

Documentation provided by bidder is evaluated and rated on the rubric. Bidders should include activities characterized by the following types of effort:

ACTIVE & AGGRESSIVE: Demonstrated through engaged and assertive activity

QUALITY: Demonstrated through essential character of conscientious and serious activity

QUANTITY: Demonstrated through a measurable number of activities

SCOPE & INTENSITY: Demonstrated through a rigorous approach to an appropriate and purposeful range of activities

TIMING: Demonstrated through engagement efforts beyond simple solicitation, initiated early in the process

GFE EVALUATION – PHASE 2 – Team Review

GFE Team completes:

- Review of activities included on the rubric
- Review of the intent to award and sound reasoning submitted by Prime
- Bid analysis to confirm if any bid submitted met the DBE goal
- Review average of other bidders DBE goal achievement
- Team review of combined efforts documented in Phase 1 and 2 constitute final GFE determination

Rating Scale:

- **GFE Approval:**
Bona Fide = 6 or more categories color coded green.
Genuine effort characterized by sincere and earnest activities – “Solicitation” and “Sound Reasoning” must be green
- **GFE Approval:**
Sufficient = 5 or more categories color coded green or yellow
Adequate effort documented with a variety of quality activities – “Solicitation” and “Sound Reasoning” must be green or yellow
- **GFE Denial:**
Pro Forma efforts = 4 or less categories color coded green or yellow. Perfunctory effort characterized by routine or superficial activities

Green = Exceeds expectations

Yellow = Meets expectations

Red = Areas in need of attention and/or absence of documentation

See OBOEC Rubric Analysis Feedback

Excerpt from Appendix A to 49 CFR Part 26:

V. In determining whether a bidder has made good faith efforts, it is essential to scrutinize its documented efforts. At a minimum, you must review the performance of other bidders in meeting the contract goal. For example, when the apparent successful bidder fails to meet the contract goal, but others meet it, you may reasonably raise the question of whether, with additional efforts, the apparent successful bidder could have met the goal. If the apparent successful bidder fails to meet the goal but meets or exceeds the average DBE participation obtained by other bidders, you may view this, in conjunction with other factors, as evidence of the apparent successful bidder having made good faith efforts. As provided in §26.53(b)(2)(vi), you must also require the contractor to submit copies of each DBE and non-DBE subcontractor quote submitted to the bidder when a non-DBE subcontractor was selected over a DBE for work on the contract to review whether DBE prices were substantially higher; and contact the DBEs listed

GFE RUBRIC ANALYSIS	
OBOEC DECISION	APPROVAL OR DENIAL
Prime Contractor	
Proposal	
Project	
Bid Letting	
DBE Goal Amount	
DBE Goal Amount Achieved	
Bid Analysis	
Goal %	Achieved %
Apparent Low Bidder	%
Bidder B	
Bidder C	
Average of OTHER Bidders (Not including Apparent Low Bidder)	
DBE Quotes Received	
DBE Quotes Awarded	
DBE Quote(s) Rejected	Rejected Quote Analysis
DBE Quote(s) Awarded	Awarded DBE Amount

Appendix E

Good Faith Effort Best Practices

This list is not a set of requirements; it is a list of potential strategies

Primes

- Prime contractor open houses inviting DBE firms to see the bid “war room” or providing technical assistance.
- Participate in speed networking and mosaic exercises as arranged by DBE office.
- Host information sessions not directly associated with a bid letting.
- Participate in a formal mentor protégé or joint venture with a DBE firm.
- Participate in WisDOT advisory committees i.e. TRANSAC, or Mega Project committee meetings.
- Facilitate a small group DBE ‘training session’ clarifying how your firm prepares for bid letting, evaluates subcontractors, preferred qualifications, and communication methods.
- Encourage subcontractors to solicit and highlight DBE participation in their quotes to you.
- Quality of communication, not quantity creates the best results. Contractors should be thorough in communicating with DBE firms before the bid and provide any assistance requested to assure best possible bid.

DBE

- DBE firms should contact primes as soon as possible with questions regarding their quotes or bid; seven days prior is optimal.
- Continually check for contract addendums on the HCCI website through the Thursday prior to letting to stay abreast of changes.
- Review the status of contracts on the HCCI website reviewing the ‘apparent low bidder’ list and bid tabs at a minimum.
- Prepare a portfolio or list of related projects and prime and supplier references; be sure to note transportation related projects of similar size and scope, firm expertise and staffing.
- Participate in DBE office assessment programs.
- Participate on advisory and mega-project committees.
- Sign up to receive the DBE Contracting Update.
- Consider membership in relevant industry or contractor organizations.
- Active participation is a must. Quote as many projects as you can reasonably work on; quoting the primes and bidding as a prime with the Department are the only ways to get work.

Appendix F

Good Faith Effort Evaluation Guidance

Appendix A of 49 CFR Part 26

I. When, as a recipient, you establish a contract goal on a DOT-assisted contract for procuring construction, equipment, services, or any other purpose, a bidder must, in order to be responsible and/or responsive, make sufficient good faith efforts to meet the goal. The bidder can meet this requirement in either of two ways. First, the bidder can meet the goal, documenting commitments for participation by DBE firms sufficient for this purpose. Second, even if it doesn't meet the goal, the bidder can document adequate good faith efforts. This means that the bidder must show that it took all necessary and reasonable steps to achieve a DBE goal or other requirement of this part which, by their scope, intensity, and appropriateness to the objective, could reasonably be expected to obtain sufficient DBE participation, even if they were not fully successful.

II. In any situation in which you have established a contract goal, Part 26 requires you to use the good faith efforts mechanism of this part. As a recipient, you have the responsibility to make a fair and reasonable judgment whether a bidder that did not meet the goal made adequate good faith efforts. It is important for you to consider the quality, quantity, and intensity of the different kinds of efforts that the bidder has made, based on the regulations and the guidance in this Appendix.

The efforts employed by the bidder should be those that one could reasonably expect a bidder to take if the bidder were actively and aggressively trying to obtain DBE participation sufficient to meet the DBE contract goal. Mere pro forma efforts are not good faith efforts to meet the DBE contract requirements. We emphasize, however, that your determination concerning the sufficiency of the firm's good faith efforts is a judgment call. Determinations should not be made using quantitative formulas.

III. The Department also strongly cautions you against requiring that a bidder meet a contract goal (i.e., obtain a specified amount of DBE participation) in order to be awarded a contract, even though the bidder makes an adequate good faith efforts showing. This rule specifically prohibits you from ignoring bona fide good faith efforts.

IV. The following is a list of types of actions which you should consider as part of the bidder's good faith efforts to obtain DBE participation. It is not intended to be a mandatory checklist, nor is it intended to be exclusive or exhaustive. Other factors or types of efforts may be relevant in appropriate cases.

A. (1) Conducting market research to identify small business contractors and suppliers and soliciting through all reasonable and available means the interest of all certified DBEs that have the capability to perform the work of the contract. This may include attendance at pre-bid and business matchmaking meetings and events, advertising and/or written notices, posting of Notices of Sources Sought and/or Requests for Proposals, written notices or emails to all DBEs listed in the State's directory of transportation firms that specialize in the areas of work desired (as noted in the DBE directory) and which are located in the area or surrounding areas of the project.

(2) The bidder should solicit this interest as early in the acquisition process as practicable to allow the DBEs to respond to the solicitation and submit a timely offer for the subcontract. The bidder should determine with certainty if the DBEs are interested by taking appropriate steps to follow up initial solicitations.

B. Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units (for example, smaller tasks or quantities) to facilitate DBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces. This may include, where possible, establishing flexible timeframes for performance and delivery schedules in a manner that encourages and facilitates DBE participation.

C. Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation with their offer for the subcontract.

D. (1) Negotiating in good faith with interested DBEs. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional Agreements could not be reached for DBEs to perform the work.

(2) A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a prime contractor to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Prime contractors are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.

E. (1) Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The contractor's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union status) are not legitimate causes for the rejection or non-solicitation of bids in the contractor's efforts to meet the project goal. Another practice considered an insufficient good faith effort is the rejection of the DBE because its quotation for the work was not the lowest received. However, nothing in this paragraph shall be construed to require the bidder or prime contractor to accept unreasonable quotes in order to satisfy contract goals.

(2) A prime contractor's inability to find a replacement DBE at the original price is not alone sufficient to support a finding that good faith efforts have been made to replace the original DBE. The fact that the contractor has the ability and/or desire to perform the contract work with its own forces does not relieve the contractor of the obligation to make good faith efforts to find a replacement DBE, and it is not a sound basis for rejecting a prospective replacement DBE's reasonable quote.

F. Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or contractor.

G. Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.

H. Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, State, and Federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs.

V. In determining whether a bidder has made good faith efforts, it is essential to scrutinize its documented efforts. At a minimum, you must review the performance of other bidders in meeting the contract goal. For example, when the apparent successful bidder fails to meet the contract goal, but others meet it, you may reasonably raise the question of whether, with additional efforts, the apparent successful bidder could have met the goal. If the apparent successful bidder fails to meet the goal, but meets or exceeds the average DBE participation obtained by other bidders, you may view this, in conjunction with other factors, as evidence of the apparent successful bidder having made good faith efforts. As provided in §26.53(b)(2)(vi), you must also require the contractor to submit copies of each DBE and non-DBE subcontractor quote submitted to the bidder when a non-DBE subcontractor was selected over a DBE for work on the contract to review whether DBE prices were substantially higher; and contact the DBEs listed on a contractor's solicitation to inquire as to whether they were contacted by the prime. Pro forma mailings to DBEs requesting bids are not alone sufficient to satisfy good faith efforts under the rule.

VI. A promise to use DBEs after contract award is not considered to be responsive to the contract solicitation or to constitute good faith efforts.

[79 FR 59600, Oct. 2, 2014]

Appendix G
(SAMPLE) Forms DT1506 and DT1202

COMMITMENT TO SUBCONTRACT TO DBE

Wisconsin Department of Transportation

☐ Non-Traditional Project

Proposal #

County:

Prime Contract:

%

0.00 %

[illegible]

\$	0.00	\$	0.00
----	------	----	------

Government Use Only Approved Amounts		
A =	\$	%
V =	\$	%
Total =	\$	%

Signature: _____

Date: _____

Good faith effort approved: Yes ☐ No ☐

DBE Office Signature & Date Approved

**COMMITMENT TO SUBCONTRACT TO DBE
ATTACHMENT A**

CONFIRMATION OF PARTICIPATION

Project I.D.:	Proposal Number:
Letting Date:	

Name of DBE Firm Participating in this Contract:	
Name of the Prime/Subcontractor who hired the DBE Firm: <i>(list all names of tiers if more than one)</i>	
Type of Work or Type of Material Supplied:	
Total Subcontract Value:	Total DBE Credit Value:

FOR PRIME CONTRACTORS ONLY: I certify that I made arrangements with the participating DBE firm to perform the type of work listed or supply the material indicated above for the subcontract value listed above.	Prime Contractor Representative's Signature
	Prime Contractor Representative's Name (Print Name)
	Prime Contractor (Print Company Name)
	Date

FOR PARTICIPATING DBE FIRMS ONLY: I certify that I made arrangements with the Prime Contractor or the Hiring Contractor to perform the type of work or supply the material indicated above for the subcontract value listed above. FOR DBE TRUCKING FIRMS ONLY: I certify that I will utilize, for DBE credit, only trucks listed on my WisDOT approved Schedule of Owned/Leased Vehicles for DBE Credit form and I will be utilizing the number of trucks as listed below.	Participating DBE Firm Representative's Signature	Date
	Participating DBE Firm Representative's Name (Print Name)	
	Participating DBE Firm (Print Company Name)	
	DBE Firm's Address:	

# Owned Trucks	# Leased Trucks	# DBE-Owned Leased Trucks	# Non-DBE-Owned Leased Trucks

☐ Off site Hauling

**DOCUMENTATION OF GOOD FAITH EFFORT**Wisconsin Department of Transportation
DT 1202 3/2020

Project ID XXXX	Proposal No. XXXX	Letting XXXX
Prime Contractor XXXX	County XXXX	
Person Submitting Document XXXX	Telephone Number XXXX	
Address XXXX	Email Address XXXX	

All bidders must undertake necessary and reasonable steps to achieve the assigned DBE contract goal per federal regulatory guidance at 49 CFR Part 26. Bidders use this form to document all efforts employed to meet the assigned goal as a record of contractor good faith efforts (GFE). Refer to ASP3 or 49 CFR Part 26 for guidance on actions that demonstrate good faith effort.

It is critical to list all efforts, attach documentation, and follow the instructions to complete this submission. Documentation of good faith effort includes copies of each DBE and non-DBE subcontractor quote submitted to the bidder for the same line items. Utilize the sample documentation logs to document and organize efforts.

Submit good faith effort documentation per ASP-3 guidelines.

Instructions: Provide a narrative description of all activities pursued to demonstrate good faith efforts, any corresponding documentation, and applicable explanation on separate pages. Include the following items organized in the order listed below.

1. Solicitation Documentation:

- a. **Purpose:** To identify all reasonable and available activities the bidder performed to solicit the interest of all certified DBEs who have the capacity and ability to perform work on the project. All solicitation efforts should begin as early as possible to ensure DBEs have ample time to respond and ask questions.
- b. **Action:** Identify and list all activities engaged in to solicit DBEs using all reasonable and available means such as written notice and follow-up communications, substantive conversations, pre-bid meetings, networking events, market research, advertising.

2. Selected Work Items Documentation:

- a. **Purpose:** To ensure that all work items are broken out into economically feasible units to facilitate DBE participation. This must occur even when you prefer to perform the work yourself.
- b. **Action:** Identify economically feasible work units to be performed by DBEs to include activities such as: list of work items to be performed; breaking up of large work items into smaller tasks or quantities; flexible time frames for performance and delivery schedules.

3. Documentation of Project Information provided to Interested DBEs:

- a. **Purpose:** To provide interested DBEs with adequate information about the plans, specifications, and any other contractual requirements in a timely manner to assist DBEs in response to solicitation.
- b. **Action:** Provide DBEs access to plans, specifications, and other contract requirements. Early solicitation allows ample opportunity to provide project information, links to Let advertisements, and substantive engagement with DBEs.

4. → Documentation of Negotiation with Interested DBEs:

a. → Purpose: To ensure that negotiations with interested DBEs were made in good faith providing evidence as to why agreements could not be reached for DBEs to perform work.

b. → Action: Provide sufficient evidence to demonstrate that good faith negotiations took place. Merely sending out solicitations requesting bids from DBEs does not constitute sufficient good faith efforts. A bidder using good business judgment considers a number of factors in negotiating with all subcontractors, and the firm's price and capabilities in addition to contract goals are taken into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for failing to meet the DBE goal as long as costs are reasonable. (see 49 CFR Part 26 Appendix A)

5. → Documentation of Sound Reason for Rejecting DBEs:

a. → Purpose: To ensure that bidders avoid rejecting DBEs as unqualified without sound reasons. Reasons for rejection must be based on thorough investigation of DBE capabilities.

b. → Action: Provide sufficient evidence to demonstrate that DBE was rejected for sound reasons such as past performance, relevant business experience and stability, safety record, business ethic and integrity, technical capacity, other tangible factors.

6. → Documentation of Assistance to Interested DBEs--Bonding, Credit, Insurance, Equipment, Supplies/Materials:

a. → Purpose: To assist interested DBEs in obtaining bonds, lines of credit, insurance, equipment, supplies, materials, and other assistance or services.

b. → Action: Assist interested DBEs in obtaining bonding, lines of credit or insurance, and provide technical assistance or information related to plans, specifications, and project requirements. Assist DBEs in obtaining equipment, supplies, materials or other services related to meeting project requirements (excluding supplies or equipment the DBE purchases from the prime).

7. → Documentation of outreach to Minority, Women, and Community Organizations and other DBE Business Development Support:

a. → Purpose: To effectively use the services of minority, women, and community organizations as well as contractors' groups, local, state, and federal business assistance offices and organization that provide assistance in recruiting and supporting DBEs, as well as participation in activities that support DBE business development.

b. → Action: Contact organizations and agencies for assistance in contacting, recruiting, and providing support to DBE subcontractors, suppliers, manufacturers, and truckers at least 14 days before bid opening. Participate in or host activities such as networking events, mentor-protégé programs, small business development workshops, and others consistent with DBE support.

Return to:
 Wisconsin Department of Transportation
 DBE Program Office
 PO Box 7965
 Madison, WI 53707-7965
 DBE_Alert@dot.wi.gov

I certify that I have utilized comprehensive good faith efforts to solicit and utilize DBE firms to meet the DBE participation requirements of this contract proposal, as demonstrated by my responses and as specified in Additional Special Provision 3 (ASP-3).

I certify that the information given in the Documentation of Good Faith Efforts is true and correct to the best of my knowledge and belief.

I further understand that any willful falsification, fraudulent statement, or misrepresentation will result in appropriate sanctions, which may involve debarment and/or prosecution under applicable state (Trans 504) and Federal laws.

		(Bidder/Authorized Representative Signature)

		(Print Name)

		(Title)

Good-Faith-Effort--Sample-Documentation-Logs

The sample logs below are provided as guides rather than exhaustive list. See ASP3, Appendix A for additional examples of demonstrable good faith efforts. Attach documentation for each activity listed.

Acceptable forms of documentation include copies of solicitations sent to DBEs, notes from substantive conversations and negotiations with DBEs, copies of advertisements placed, email communications, all quotes received from DBEs and from all subcontractors who were considered alongside DBE quotes, proof of attendance at applicable networking events; flyers for events or workshops for DBEs offered by the prime, and other physical records of good faith efforts activities.

SOLICITATION LOG

Date	Activity	Name of DBE Solicited	Follow-up
4/1/2020	Sent May-Let solicitation	Winterland Electric	Spoke with Mark Winterland on 4/15/20 to ask if he would quote.

SELECTED WORK ITEMS SOLICITED LOG

Work Type	DBE Firm	Contact Person	Date	Contact Mode
Pavement Marking	ABC Marking	Leslie Lynch	4/1/2020	Email; phone
	#1 Marking Co.	Mark Smart	4/1/2020	Email; left VM
Electrical	Winterland Electric	Tabitha Tinker	4/3/2020	Email, left VM
	Superstar Wiring	Jose Huascar	4/3/2020	Email; phone

INFORMATION PROVIDED LOG

Request Date	DBE Firm	Information Requested & Provided	Response Date
4/1/2020	Winterland Electric	Requested info on electrical requirements; provided plan and link to specs	4/3/2020
4/21/2020	Absolute Construction	Wanted to know how and when supplies are paid for by WisDOT; referred to spec that covers stockpiling	4/21/2020

NEGOTIATIONS LOG

Date	DBE Firm	Contact Name	Work Type	Quotes Rec'd?	Considered for project?	If not selected, why?
4/12/2020	ABC Landscape	John Dean	Erosion Control	Yes	No	Cannot perform all items
4/17/2020	Wild Ferns	Sandy Lynn	Erosion Control	Yes	Yes	
4/20/2020	#1 Marking	Mark Smart	Electrical	Yes	Yes	

ASSISTANCE LOG

Date	DBE Firm	Contact Person	Assistance Provided
4/1/2020	ABC Sawing	Jackie Swiggle	Informed DBE on how to obtain bonding
4/17/2020	Supreme Construction	Winston Walters	Provided contact for wholesale supply purchase

OUTREACH & BUSINESS DEVELOPMENT LOG

Date	Agency/Organization Contacted	Contact Person	Assistance Requested
4/1/2020	Women in Construction	LaTonya Klein	Contact information for woman-owned suppliers
4/28/2020	WBIC	Sam Smith	Asked for information to provide to DBE regarding financing programs through WBIC

Official Form DT1202 can be found here: <https://wisconsindot.gov/pages/global-footer/formdocs/default.aspx>

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 PROVISIONS 5 FUEL COST ADJUSTMENT

A Description

Fuel Cost Adjustments will be applied to partial and final payments for work items categorized in Section B as a payment to the contractor or a credit to the department. ASP-5 shall not apply to any force account work.

B Categories of Work Items

The following items and Fuel Usage Factors shall be used to determine Fuel Cost Adjustments:

(1) Earthwork.		Unit	Gal. Fuel Per Unit
205.0100	Excavation Common	CY	0.23
205.0200	Excavation Rock	CY	0.39
205.0400	Excavation Marsh	CY	0.29
208.0100	Borrow	CY	0.23
208.1100	Select Borrow	CY	0.23
209.1100	Backfill Granular Grade 1	CY	0.23
209.1500	Backfill Granular Grade 1	Ton	0.115
209.2100	Backfill Granular Grade 2	CY	0.23
209.2500	Backfill Granular Grade 2	Ton	0.115
350.0102	Subbase	CY	0.28
350.0104	Subbase	Ton	0.14
350.0115	Subbase 6-Inch	SY	0.05
350.0120	Subbase 7-Inch	SY	0.05
350.0125	Subbase 8-Inch	SY	0.06
350.0130	Subbase 9-Inch	SY	0.07
350.0135	Subbase 10-Inch	SY	0.08
350.0140	Subbase 11-Inch	SY	0.09
350.0145	Subbase 12-Inch	SY	0.09

C Fuel Index

A Current Fuel Index (CFI) in dollars per gallon will be established by the Department of Transportation for each month. The CFI will be the price of No. 2 fuel oil, as reported in U.S. Oil Week, using the first issue dated that month. The CFI will be the average of prices quoted for Green Bay, Madison, Milwaukee and Minneapolis.

The base Fuel Index (BFI) for this contract is \$3.90 per gallon.

D Computing the Fuel Cost Adjustment

The engineer will compute the ratio CFI/BFI each month. If the ratio falls between 0.85 and 1.15, inclusive, no fuel adjustment will be made for that month. If the ratio is less than 0.85 a credit to the department will be computed. If the ratio is greater than 1.15 additional payment to the contractor will be computed. Credit or additional payment will be computed as follows:

- (1) The engineer will estimate the quantity of work done in that month under each of the contract items categorized in Section B.
- (2) The engineer will compute the gallons of fuel used in that month for each of the contract items categorized in Section B by applying the unit fuel usage factors shown in Section B.
- (3) The engineer will summarize the total gallons (Q) of fuel used in that month for the items categorized in Section B.
- (4) The engineer will determine the Fuel Cost Adjustment credit or payment from the following formula:

$$FA = \frac{CFI}{BFI} - 1 \times Q \times BFI$$

(plus is payment to contractor; minus is credit to the department)

Where	FA	=	Fuel Cost Adjustment (plus or minus)
	CFI	=	Current Fuel Index
	BFI	=	Base Fuel Index
	Q	=	Monthly total gallons of fuel

E Payment

A Fuel Cost Adjustment credit to the department will be deducted as a dollar amount each month from any sums due to the contractor. A Fuel Cost Adjustment payment to the contractor will be made as a dollar amount each month.

Upon completion of the work under the contract, any difference between the estimated quantities and the final quantities will be determined. An average CFI, calculated by averaging the CFI for all months that fuel cost adjustment was applied, will be applied to the quantity differences. The average CFI shall be applied in accordance with the procedure set forth in Section D.

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

Table of Contents

<u>Section 104 Scope of Work</u>	1
<u>Section 105 Control of the Work</u>	3
<u>Section 107 Legal Relations and Responsibility to the Public</u>	3
<u>Section 305 Dense Graded Base</u>	4
<u>Section 310 Open-Graded Base</u>	5
<u>Section 415 Concrete Pavement</u>	5
<u>Section 416 Concrete Pavement - Repair and Replacement</u>	6
<u>Section 506 Steel Bridges</u>	6
<u>Section 509 Concrete Overlay and Structure Repair</u>	8
<u>Section 513 Railing</u>	8
<u>Section 517 Paint and Painting</u>	8
<u>Section 526 Temporary Structures</u>	9
<u>Section 550 Driven Piles</u>	9
<u>Section 621 Landmark Reference Monuments</u>	10
<u>Section 643 Traffic Control</u>	10
<u>Section 646 Pavement Marking</u>	12
<u>Section 650 Construction Staking</u>	13
<u>Section 680 Public Land Survey Monuments</u>	13
<u>Section 682 Geodetic Survey Monuments</u>	14
<u>Section 710 General Concrete QMP</u>	15
<u>Section 715 QMP Concrete Pavement, Cast-in-Place Barrier and Structures</u>	20
<u>Section 716 QMP Ancillary Concrete</u>	22
<u>Section Bid Items</u>	22
<u>ERRATA</u>	23

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

Make the following revisions to the standard specifications.

104 Scope of Work

104.2.2 Issuing Change Orders

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

104.2.2.1 Change Orders for Differing Site Conditions

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

104.2.2.2 Change Orders for Engineer-Ordered Suspensions

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

104.2.2.3 Change Orders for Altered Work

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

104.2.2.4 Change Orders for Quantity Variations

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

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

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

104.2.2.5 Change Orders for Extra Work

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

104.2.2.6 Change Orders for Eliminated Work

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

104.2.2.7 Change Orders for Revisions to Contract Time

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

104.6 Roadway Maintenance and Traffic Control

104.6.1.2.3 Drop-Off Protection

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

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

104.6.1.2.4 Hazard Protection on Roads Open to All Traffic

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

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

- Posted speeds 45 mph or less: within 8 feet of the travelled way.
 - Posted speeds from 45 mph to 55 mph inclusive: within 10 feet of the travelled way.
 - Posted speeds above 55 mph: within 15 feet of the travelled way.
- (2) Remove all construction debris, stored materials, and equipment not in use from the construction clear zone; or if the engineer allows, delineate and shield with concrete barrier.
- (3) Delay removal of existing permanent roadside safety devices until necessary. When located within the construction clear zone and not shielded by concrete barrier, use temporary traffic control drums to delineate bridge abutments, concrete barrier blunt ends, sign bridge foundations, drainage structures, and slopes exposed by removing permanent protective measures.
- For exposed bridge abutments, concrete barrier blunt ends, sign bridge foundations, and drainage structures, eliminate the need for delineation within 5 calendar days.
 - For exposed slopes steeper than 3:1, eliminate the need for delineation within 14 calendar days, or duration approved by the engineer.

105 Control of the Work

105.13 Claims Process for Unresolved Changes

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

105.13.3 Submission of Claim

- (1) Submit the claim to the project engineer as promptly as possible following the submission of the Notice of Claim. If the contractor does not submit the claim prior to the earlier of the following dates, the department will deny the claim:
1. 120 calendar days from the date of the Notice of Claim.
 2. The end of the time allowed under 109.7 for the contractor to respond in writing to the engineer issued semi-final estimate.
- (2) The department will not accept the submission of a claim until the resolution process in 104.3 has been completed and the contractor makes no further requests to submit updated information that may affect the region's final decision.

107 Legal Relations and Responsibility to the Public

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

107.27 Drones or Unmanned Aircraft Systems (UAS)

107.27.1 Licensing and Compliance

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

- (1) Obtain and possess the necessary Federal Aviation Administration (FAA) licenses and certifications to operate drones commercially (<https://www.faa.gov/uas>).
- (2) Comply with all FAA regulations, airspace restrictions, and local laws. Operators of small drones that are less than 55 pounds for work or business must follow all requirements as listed in Title 14, Chapter 1, Subchapter F, Part 107 of the Code of Federal Regulations (14 CFR) and obtain a remote pilot certificate (https://www.faa.gov/uas/commercial_operators).
- (3) Comply with Wisconsin State Statute 942.10. Limit operations to the specific approved purpose and employ reasonable precautions to avoid capturing images of the public except those that are incidental to the project.
- (4) Provide copies of waivers required for specific project conditions to the engineer prior to any flight.
- (5) UAS and UAS components are required to be compliant with federal guidelines outlined in the American Security Drone Act of 2023 (ASDA) and the OMB memorandum M-26-02.

107.27.2 Flight Approval, Safety, and Incident Reporting

- (1) Submit information in 107.27.2(2) to obtain written drone flight approval from the engineer at least 3 business days prior to operating a drone within the right-of-way. Do not operate a drone within the right-of-way unless approved by the engineer.
- (2) Drone flight application for review and approval must include:
- UAS pilot information and qualifications, images of certification
 - UAS drone information and FAA tail numbers
 - Max/ Min allowable flight parameters (weather)
 - Specifics of flight mission: capture scope

-
- Estimated flight duration
 - Pre-flight checklist
 - Site-specific parameters
 - Notification protocols - Federal/Local/Agency/Owner/Responsible in Charge
 - Confirmation and verification of approved operators and hardware
 - Flight plan map diagram (including launch and landing location)
 - FAA-Airspace flight map classification and confirmation with graphics
 - UAS incident management protocol
- (3) If contractor is requesting multiple types of the same flight, a simplified request can be submitted listing weekly flight plan.
- (4) Safety measures must include but are not limited to:
- Regular training and updates on drone regulations are required and must be provided upon request.
 - Drones must be operated in accordance with safety guidelines, including maintaining a safe distance from people, structures, vehicles, etc.
 - Conduct a pre-flight safety assessment, considering weather conditions, airspace restrictions, and potential hazards.
 - Emergency procedures (e.g., drone malfunction, loss of control) must be documented and followed.
 - All incidents must be reported to the engineer.
- (5) If the drone has an incident during flight, report the following to the engineer:
- Incident background and details.
 - FAA (14 CFR 107.9) and NTSB (49 CFR 870) notification protocol.
 - Contractor internal notification protocol.

107.27.3 Insurance Requirements

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

305 Dense Graded Base

305.3.3.3 Shoulders Adjacent to Asphaltic Pavement or Surfacing

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

- (1) If the roadway is closed to through traffic during construction, construct the aggregate shoulders before opening the road.
- (2) If the roadway remains open to through traffic during construction, conform as specified in 104.6.1.2.3.
- (3) Provide and maintain signing and other traffic protection and control devices, as specified in 643, until completing shoulder construction to the required cross-section and flush with the asphaltic pavement or surfacing.

310 Open-Graded Base**310.2 Materials**

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

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

TABLE 310-01 COARSE AGGREGATE (% passing by weight)**AASHTO No. 67 ^[1]**

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	-

^[1] 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 ^[1]
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

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

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

506.3.19 Welding

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

506.3.19.4 Welding Inspection

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

506.3.31 Cleaning of Surfaces

506.3.31.2 Coated Surfaces

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

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

506.3.32 Painting Metal

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

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

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

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

509 Concrete Overlay and Structure Repair

509.2 Materials

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

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

513 Railing

513.2.3 Steel Railing

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

- (1) Furnish steel railing components as follows:

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

517 Paint and Painting

517.3.1.3.3 Blast Cleaning

517.3.1.3.3.2 Epoxy Coating System

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

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

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

517.3.1.3.5 Galvanizing

Add subsection effective with the November 2025 letting.

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

526 Temporary Structures

526.3.4 Construction, Backfilling, Inspection and Maintenance

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

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

526.5 Payment

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

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

550 Driven Piles

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

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 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:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
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/m², meets or exceeds the following:

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

646.3.2.3.2 Wet Reflective Epoxy

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

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

646.3.2.4 Black Epoxy

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

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

646.3.3 Special Marking

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

- (1) Fill in any breaks left from the stencil with the same material to ensure there are no gaps.

-
- (2) Under the Marking Railroad Crossings bid items, apply the RXR symbol and 3 transverse lines as the plans show.
 - (3) Under the Marking Curb bid items, mark the vertical face and the top of the curb.
 - (4) Under the Marking Aerial Enforcement Bars bid items, the department will locate the marking. Notify the engineer at least one week before marking so the State Patrol can provide exact locations.
-

650 Construction Staking

650.3.12 Supplemental Control Staking

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

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

680 Public Land Survey Monuments

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

680.1 Description

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

680.2 Materials

- (1) Furnish magnetic survey nails with center point a minimum of 2-1/2 inches long or engineer approved alternative.
- (2) Furnish minimum 3/4-inch reinforcement or 1 inch outside diameter (OD) iron pipe at least 24 inches long.
- (3) Furnish plastic survey marker cap with lettering that reads "Witness Monument".
- (4) Use alternative materials if requested and furnished by the county surveyor.

680.3 Construction

680.3.1 General

- (1) Perform work under the direction and control of a professional land surveyor registered in the state of Wisconsin, following Wisconsin Administrative Code A-E 7 (https://docs.legis.wisconsin.gov/code/admin_code/a_e/7).
- (2) Preserve existing USPLSS monuments and witness monuments (ties) within the construction limits in their original position until monuments are verified and sufficiently tied off.

680.3.2 Pre-Construction

- (1) Notify the county surveyor at least 30 days prior to start of construction operations about all USPLSS monuments within the construction limits that might be disturbed.
- (2) Obtain the existing USPLSS Monument Record from the county surveyor. Verify existing monuments and witness monuments are in place and undisturbed.
- (3) Replace witness monuments that are missing or that could be disturbed by construction operations. Locate new witness monuments near the USPLSS monument but outside the construction limits. Submit a monument record as specified in 680.3.5.
- (4) Temporarily mark the location of all witness monuments to protect them during construction.

680.3.3 Removals

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

680.3.4 Post-Construction

- (1) Verify the location of monuments and witness monuments when construction operations are complete.
- (2) Set new monuments and witness monuments where necessary. Recess magnetic survey nails 1/4 inch below the pavement surface for monuments located in pavement. Use reinforcement or iron pipe for monuments not in pavement and for witness monuments. Locate new witness monuments near the USPLSS monument and outside the roadbed. Install plastic caps on witness monuments.
- (3) Install marker posts next to all witness monuments if required and supplied by the county surveyor.
- (4) Omit setting monuments in the pavement if approved by the department's regional survey coordinator and county surveyor due to traffic or safety concerns.

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

680.3.5 Monument Records

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

680.4 Measurement

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

680.5 Payment

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

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

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

682 Geodetic Survey Monuments

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

682.1 Description

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

682.2 Materials

- (1) Furnish materials conforming to the following:

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

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

682.3 Construction

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

682.3.1 Salvage Geodetic Survey Discs

- (1) Remove and salvage geodetic survey discs from existing structures or survey monuments being removed at the locations shown in the plan.
- (2) Notify the WisDOT Geodetic Surveys Unit 7 calendar days prior to removal operations.
- (3) Ship or deliver salvaged discs to following address:

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

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

682.3.2 Geodetic Survey Monuments

682.3.2.1 Monument Location

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

682.3.2.2 Placing Monuments

- (1) Excavate holes for monuments by use of a circular auger at the size and depth the plans show or as the engineer directs.
- (2) Remove and dispose of surplus excavation and materials as specified in 205.3.12.

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

682.3.2.3 Protecting and Curing

- (1) Cure exposed portions of cast in place concrete monuments as specified in 415.3.12 except the contractor may use curing compound conforming to 501.2.8.
- (2) Protect placed concrete monuments as specified for concrete pavement as specified in 415.3.14
- (3) Protect cast in place concrete monuments from freezing for 7 days.

682.4 Measurement

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

682.5 Payment

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

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
682.0100	Salvage Geodetic Survey Disc	EACH
682.0200	Geodetic Survey Monument	EACH

- (2) Payment for the Salvage Geodetic Survey Disc bid item is full compensation for removing and salvaging; and shipping or delivering the disc to the Geodetic Surveys Unit. Removing existing survey monuments will be paid separately under the Removing Concrete Bases bid item. Removing existing survey marker posts will be paid separately under the Removing Delineators and Markers bid item.
- (3) Payment for the Geodetic Survey Monument bid item is full compensation for staking; providing concrete; providing steel reinforcement; for placing department-furnished geodetic discs; and for excavating and backfilling.

710 General Concrete QMP

710.3 Certification Requirements

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

- (1) Have a person certified from the Highway Technician Certification Program Portland Cement Concrete Technician 1 (HTCP - PCCTEC-1) or Assistant Certified Technician Program - Portland Cement Concrete (ACT-PCC) working under a certified technician, on the project site, prepared and equipped to perform required sampling and testing whenever placing concrete.
- (2) The department will have a certified HTCP Portland Cement Concrete Mix Design Certification (PCC MDC) technician to review and approve concrete mixes.

710.4 Concrete Mixes

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

- (1) The contractor is responsible for mix performance.
- (2) At least 7 business days before producing concrete, document that materials conform to 501 unless the engineer allows or individual QMP specifications provide otherwise. Include the following:
1. For mixes: quantities per cubic yard expressed as SSD weights and net water, water to cementitious material ratio, air content, and SAM number.
 2. For cementitious materials and admixtures: type, brand, and source.
 3. For aggregates: absorption, oven-dried specific gravity, SSD bulk specific gravity, wear, soundness, light weight pieces, freeze thaw test results if required, and air correction factor. Submit component aggregate gradations, aggregate proportions, and target combined blended aggregate gradations using the following:
 - DT2220 for combined aggregate gradations.
 - DT2221 for optimized aggregate gradations.
 4. For optimized concrete mixtures:
 - Complete the worksheets within DT2221 according to the directions.
 - Ensure the optimized aggregate gradations and the optimized mix design conform to WisDOT specifications and pass the built-in tests within DT2221.
 - Verify slip-form mixture workability and conformance to specifications through required trial batching.
 - Submit the completed DT2221 to the engineer electronically. Include the trial batch test results with the mix design submittal.

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

- (3) Document mix adjustments daily during concrete production.
- (4) Prepare, notify, and submit mixture design modifications to the engineer. Do not place material until the documentation is submitted and, when required, written approval of the mixture design modifications.
- (5) Report concrete mix design modifications as classified in levels as specified in table 710-1.

TABLE 710-1 MIX DESIGN MODIFICATION NOTIFICATION

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

- (6) A mix design modification is when any modification occurs for a specific level as specified in table 710-2.
- (7) Dependent on the modification performed, documentation is required to be submitted to the engineer as specified in table 710-3.
- (8) For HES concrete, conform as specified in table 710-4.
- (9) HES concrete is not eligible for 28-day strength incentives.
- (10) Submit concrete mix designs into MRS as specified in 701.1.2.7.

TABLE 710-2 MATERIAL MIX DESIGN MODIFICATIONS

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

MODIFICATION TYPE		LEVEL I	LEVEL II	NEW MIX DESIGN DURING PROJECT
Change in:	Water source	X		
	Cement source, type, or brand			X
	Total cementitious		X ^[1]	X
	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	
	Chemical admixture manufacturer or product name ^[2]			X
	Chemical admixture dosage rates	X ^[3]		X
Removal of:	SCM			X
	Chemical admixture other than Type B or D			X ^[3,4]
	Type B or Type D chemical admixture	X ^[3]	X ^[4]	
Addition of:	Non-fading, color pigment	X		
	Chemical admixture other than Type B or D			X ^[3,4]
	Type B or Type D chemical admixture	X ^[3]	X ^[4]	
	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 ^[1]		
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 ^[2]	X	X
New lot/sublot layout ^[3]		X ^[3,4,5]	X

^[1] Water for concrete report conforming to 501.2.6 for private wells or surface water sources.

^[2] Required only when using a retarder.

^[3] Required for HES concrete.

^[4] Required when changing the SCM replacement rate.

^[5] 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 ^[1]	Add 94 to 282 lb/cy of cement ^[2]
	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 ^[1,2]	

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

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

^[1] Frequency is based on project daily production rate.

^[2] 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.

^[3] WTM T255 (Fine and Coarse) required for each aggregate sample.

^[4] 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.

^[5] 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	One test per placement day for first 5 days of placement. - If all samples are passing, reduced testing frequency is applied. - Reduced frequency: One test per calendar week of placement
Class I: Structures	One test per 250 CY placed. - Minimum of one test per contract for substructure - Minimum of one test per contract for superstructure
Class I: Cast-in-Place Barrier	One test per 500 CY placed
Class II: Concrete Overlay	One test per 250 CY - Maximum one test per day
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.
 - If the contract requires optimized aggregate gradations under 501.2.7.4.2.1(2), stop concrete production and submit a modified optimized aggregate gradation mix design or a new optimized aggregate gradation mix design.

Option B:

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

- (2) If the contractor's 4-point running average or a department test result of the volumetric percent retained exceeds the tarantula curve limits by more than 1.0 percent on one or more sieves, stop concrete production and submit a modified mix design or a new mix design.
- (3) Both the department and contractor must sample and test aggregate of the modified mix design or a new mix design at the frequency specified in 710.5.6.1.

710.5.7.2 Combined Aggregate Gradations

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

- (1) If the contractor's 4-point running average or a department test result of the percent passing by weight exceeds the combined aggregate gradation limits by less than or equal to 1.0 percent on a single sieve size, do the following:
 1. Notify the other party immediately.
 2. Perform corrective action documented in the QC plan or as the engineer approves.
 3. Document and provide corrective action results to the engineer as soon as they are available.
 4. The department will conduct two tests within the next business day after corrective action is complete.
 5. If blended aggregate gradations are within the combined aggregate gradation limits by the second department test:
 - Continue with concrete production.
 - Include a break in the 4-point running average.
 - For Class I Pavements: The department will discontinue reduced frequency testing and will test at a frequency of 1 test per placement day. Once 5 consecutive samples are passing at the 1 test per placement day frequency, the reduced frequency testing will be reapplied.
 6. If blended aggregate gradations are not within the combined aggregate gradation limits by the second department test, stop concrete production and submit a modified mix design or a new mix design.
- (2) If the contractor's 4-point running average or a department test result of the percent passing by weight exceeds the combined aggregate gradation limits by more than 1.0 percent on one or more sieves, stop concrete production and submit a modified mix design or a new mix design.
- (3) Both the department and contractor must sample and test aggregate of the modified mix design or a new mix design at the frequency specified in 710.5.6.1.

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

715.3.1.2 Lot and Sublot Definition

715.3.1.2.1 General

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

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

Mix design change A modification to the mix requiring the engineer's approval under 710.4(5).
For paving and barrier mixes, follow 710.4(4) and 710.4(5) for concrete mixture design modifications.

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

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

715.3.1.2.3 Lots by Cubic Yard

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

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

715.3.2 Strength Evaluation

715.3.2.1 General

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

- (1) The department will make pay adjustments for strength on a lot-by-lot basis using the compressive strength of contractor QC cylinders or the flexural strength of contractor QC beams.
- (2) The department will evaluate the sublot for possible removal and replacement if the 28-day sublot average strength is:
 - Pavement (Compressive): < 2500 psi
 - Pavement (Flexural): < 500 psi
 - Structure: < f'_c - 500 psi ^[1]

- Cast-in-Place Barrier: < f'c - 500 psi ^[1]
^[1] 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	≥ 0.5 ^[1]	10
	0.1 to 0.4 ^[1]	5
Below Specification	0.1 to 0.5	20
	0.6 to 1.0	30
	> 1.0	50 or remove and replace

^[1] 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) ^[1]		PRICE REDUCTION (%)
Upper Temperature Limit ^[2]	> 80 to <= 85	10
	> 85	25
Lower Temperature Limit	45 to <= 50	10
	< 45	25

^[1] Applies only for Concrete Structures and Cast-in-Place Barrier.

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

716 QMP Ancillary Concrete

716.2 Materials

716.2.1 Class II Concrete

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

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

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

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

716.2.2 Class III Concrete

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

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

Bid Items

500 Bid Items

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

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

600 Bid Items

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ERRATA

204.3.1.3 Salvaging or Disposal of Materials

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

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

204.3.2.3 Removing Buildings

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

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

335.3.2 Rubblizing

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

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

335.3.3 Compacting

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

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

460.3.3.2 Pavement Density Determination

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

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

602.3.6 Concrete Rumble Strips

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

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

604.2 Materials

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

- (1) Furnish materials conforming to the following:

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

ADDITIONAL SPECIAL PROVISION 7

A. Reporting 1st 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 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/labornwage/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. 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. Additional information can be found in the AWP Knowledge Base at <https://awpkb.dot.wi.gov/Content/crl/Payrolls-PrimesAndSubs/PayrollXMLFileCreationProcess.htm>

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Non-segregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
- XI. Certification Regarding Use of Contract Funds for Lobbying
- XII. Use of United States-Flag Vessels:

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under title 23, United States Code, as required in 23 CFR 633.102(b) (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services). 23 CFR 633.102(e).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider. 23 CFR 633.102(e).

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services) in accordance with 23 CFR 633.102. The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in solicitation-for-bids or request-for-proposals documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract). 23 CFR 633.102(b).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work

performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract. 23 CFR 633.102(d).

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. 23 U.S.C. 114(b). The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors. 23 U.S.C. 101(a).

II. NONDISCRIMINATION (23 CFR 230.107(a); 23 CFR Part 230, Subpart A, Appendix A; EO 11246)

The provisions of this section related to 23 CFR Part 230, Subpart A, Appendix A are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR Part 60, 29 CFR Parts 1625-1627, 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR Part 60, and 29 CFR Parts 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), and Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR Part 230, Subpart A, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal Employment Opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (see 28 CFR Part 35, 29 CFR Part 1630, 29 CFR Parts 1625-1627, 41 CFR Part 60 and 49 CFR Part 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140, shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR Part 35 and 29 CFR Part 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract. 23 CFR 230.409 (g)(4) & (5).

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, sexual orientation, gender identity, color, national origin, age or disability. Such action shall include: 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, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action or are substantially involved in such action, will be made fully cognizant of and will implement the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer or other knowledgeable company official.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to ensure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action

within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs (i.e., apprenticeship and on-the-job training programs for the geographical area of contract performance). In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. 23 CFR 230.409. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, sexual orientation, gender identity, national origin, age, or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide

sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants /

Employees with Disabilities: The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established thereunder. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:

The contractor shall not discriminate on the grounds of race, color, religion, sex, sexual orientation, gender identity, national origin, age, or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors, suppliers, and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurances Required:

a. The requirements of 49 CFR Part 26 and the State DOT's FHWA-approved Disadvantaged Business Enterprise (DBE) program are incorporated by reference.

b. The contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to:

- (1) Withholding monthly progress payments;
- (2) Assessing sanctions;
- (3) Liquidated damages; and/or
- (4) Disqualifying the contractor from future bidding as non-responsible.

c. The Title VI and nondiscrimination provisions of U.S. DOT Order 1050.2A at Appendixes A and E are incorporated by reference. 49 CFR Part 21.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women.

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of more than \$10,000. 41 CFR 60-1.5.

As prescribed by 41 CFR 60-1.8, the contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, sexual orientation, gender identity, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location under the contractor's control where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size), in accordance with 29 CFR 5.5. The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. 23 U.S.C. 113. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. 23 U.S.C. 101. Where applicable law requires that projects be treated as a project on a Federal-aid highway, the provisions of this subpart will apply regardless of the location of the project. Examples include: Surface Transportation Block Grant Program projects funded under 23 U.S.C. 133 [excluding recreational trails projects], the Nationally Significant Freight and Highway

Projects funded under 23 U.S.C. 117, and National Highway Freight Program projects funded under 23 U.S.C. 167.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages (29 CFR 5.5)

a. *Wage rates and fringe benefits.* All laborers and mechanics employed or working upon the site of the work (or otherwise working in construction or development of the project under a development statute), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act ([29 CFR part 3](#))), the full amount of basic hourly wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics. As provided in paragraphs (d) and (e) of 29 CFR 5.5, the appropriate wage determinations are effective by operation of law even if they have not been attached to the contract. Contributions made or costs reasonably anticipated for bona fide fringe benefits under the Davis-Bacon Act ([40 U.S.C. 3141\(2\)\(B\)](#)) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.e. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics must be paid the appropriate wage rate and fringe benefits on the wage determination for the classification(s) of work actually performed, without regard to skill, except as provided in paragraph 4. of this section. Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: *Provided*, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classifications and wage rates conformed under paragraph 1.c. of this section) and the Davis-Bacon poster (WH-1321) must be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. *Frequently recurring classifications.* (1) In addition to wage and fringe benefit rates that have been determined to be prevailing under the procedures set forth in [29 CFR part 1](#), a wage determination may contain, pursuant to § 1.3(f), wage and fringe benefit rates for classifications of laborers and mechanics for which conformance requests are regularly submitted pursuant to paragraph 1.c. of this section, provided that:

(i) The work performed by the classification is not performed by a classification in the wage determination for which a prevailing wage rate has been determined;

(ii) The classification is used in the area by the construction industry; and

(iii) The wage rate for the classification bears a reasonable relationship to the prevailing wage rates contained in the wage determination.

(2) The Administrator will establish wage rates for such classifications in accordance with paragraph 1.c.(1)(iii) of this section. Work performed in such a classification must be paid at no less than the wage and fringe benefit rate listed on the wage determination for such classification.

c. *Conformance.* (1) The contracting officer must require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract be classified in conformance with the wage determination. Conformance of an additional classification and wage rate and fringe benefits is appropriate only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is used in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) The conformance process may not be used to split, subdivide, or otherwise avoid application of classifications listed in the wage determination.

(3) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken will be sent by the contracting officer by email to DBAconformance@dol.gov. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(4) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer will, by email to DBAconformance@dol.gov, refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(5) The contracting officer must promptly notify the contractor of the action taken by the Wage and Hour Division

under paragraphs 1.c.(3) and (4) of this section. The contractor must furnish a written copy of such determination to each affected worker or it must be posted as a part of the wage determination. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 1.c.(3) or (4) of this section must be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

d. *Fringe benefits not expressed as an hourly rate.* Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor may either pay the benefit as stated in the wage determination or may pay another bona fide fringe benefit or an hourly cash equivalent thereof.

e. *Unfunded plans.* If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, *Provided*, That the Secretary of Labor has found, upon the written request of the contractor, in accordance with the criteria set forth in § 5.28, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

f. *Interest.* In the event of a failure to pay all or part of the wages required by the contract, the contractor will be required to pay interest on any underpayment of wages.

2. Withholding (29 CFR 5.5)

a. *Withholding requirements.* The contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for the full amount of wages and monetary relief, including interest, required by the clauses set forth in this section for violations of this contract, or to satisfy any such liabilities required by any other Federal contract, or federally assisted contract subject to Davis-Bacon labor standards, that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to Davis-Bacon labor standards requirements and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld. In the event of a contractor's failure to pay any laborer or mechanic, including any apprentice or helper working on the site of the work all or part of the wages required by the contract, or upon the contractor's failure to submit the required records as discussed in paragraph 3.d. of this section, the contracting agency may on its own initiative and after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with paragraph

2.a. of this section or Section V, paragraph 3.a., or both, over claims to those funds by:

- (1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;
- (2) A contracting agency for its procurement costs;
- (3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;
- (4) A contractor's assignee(s);
- (5) A contractor's successor(s); or
- (6) A claim asserted under the Prompt Payment Act, [31 U.S.C. 3901–3907](#).

3. Records and certified payrolls (29 CFR 5.5)

a. Basic record requirements (1) Length of record retention. All regular payrolls and other basic records must be maintained by the contractor and any subcontractor during the course of the work and preserved for all laborers and mechanics working at the site of the work (or otherwise working in construction or development of the project under a development statute) for a period of at least 3 years after all the work on the prime contract is completed.

(2) Information required. Such records must contain the name; Social Security number; last known address, telephone number, and email address of each such worker; each worker's correct classification(s) of work actually performed; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in [40 U.S.C. 3141\(2\)\(B\)](#) of the Davis-Bacon Act); daily and weekly number of hours actually worked in total and on each covered contract; deductions made; and actual wages paid.

(3) Additional records relating to fringe benefits. Whenever the Secretary of Labor has found under paragraph 1.e. of this section that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in [40 U.S.C. 3141\(2\)\(B\)](#) of the Davis-Bacon Act, the contractor must maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits.

(4) Additional records relating to apprenticeship. Contractors with apprentices working under approved programs must maintain written evidence of the registration of apprenticeship programs, the registration of the apprentices, and the ratios and wage rates prescribed in the applicable programs.

b. Certified payroll requirements (1) Frequency and method of submission. The contractor or subcontractor must submit weekly, for each week in which any DBA- or Related Acts-covered work is performed, certified payrolls to the contracting

agency. The prime contractor is responsible for the submission of all certified payrolls by all subcontractors. A contracting agency or prime contractor may permit or require contractors to submit certified payrolls through an electronic system, as long as the electronic system requires a legally valid electronic signature; the system allows the contractor, the contracting agency, and the Department of Labor to access the certified payrolls upon request for at least 3 years after the work on the prime contract has been completed; and the contracting agency or prime contractor permits other methods of submission in situations where the contractor is unable or limited in its ability to use or access the electronic system.

(2) Information required. The certified payrolls submitted must set out accurately and completely all of the information required to be maintained under paragraph 3.a.(2) of this section, except that full Social Security numbers and last known addresses, telephone numbers, and email addresses must not be included on weekly transmittals. Instead, the certified payrolls need only include an individually identifying number for each worker (e.g., the last four digits of the worker's Social Security number). The required weekly certified payroll information may be submitted using Optional Form WH-347 or in any other format desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division website at <https://www.dol.gov/sites/dolgov/files/WHD/legacy/files/wh347.pdf> or its successor website. It is not a violation of this section for a prime contractor to require a subcontractor to provide full Social Security numbers and last known addresses, telephone numbers, and email addresses to the prime contractor for its own records, without weekly submission by the subcontractor to the contracting agency.

(3) Statement of Compliance. Each certified payroll submitted must be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor, or the contractor's or subcontractor's agent who pays or supervises the payment of the persons working on the contract, and must certify the following:

(i) That the certified payroll for the payroll period contains the information required to be provided under paragraph 3.b. of this section, the appropriate information and basic records are being maintained under paragraph 3.a. of this section, and such information and records are correct and complete;

(ii) That each laborer or mechanic (including each helper and apprentice) working on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in [29 CFR part 3](#); and

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification(s) of work actually performed, as specified in the applicable wage determination incorporated into the contract.

(4) Use of Optional Form WH-347. The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 will satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(3) of this section.

(5) *Signature.* The signature by the contractor, subcontractor, or the contractor's or subcontractor's agent must be an original handwritten signature or a legally valid electronic signature.

(6) *Falsification.* The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under [18 U.S.C. 1001](#) and [31 U.S.C. 3729](#).

(7) *Length of certified payroll retention.* The contractor or subcontractor must preserve all certified payrolls during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

c. *Contracts, subcontracts, and related documents.* The contractor or subcontractor must maintain this contract or subcontract and related documents including, without limitation, bids, proposals, amendments, modifications, and extensions. The contractor or subcontractor must preserve these contracts, subcontracts, and related documents during the course of the work and for a period of 3 years after all the work on the prime contract is completed.

d. *Required disclosures and access* (1) *Required record disclosures and access to workers.* The contractor or subcontractor must make the records required under paragraphs 3.a. through 3.c. of this section, and any other documents that the contracting agency, the State DOT, the FHWA, or the Department of Labor deems necessary to determine compliance with the labor standards provisions of any of the applicable statutes referenced by § 5.1, available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and must permit such representatives to interview workers during working hours on the job.

(2) *Sanctions for non-compliance with records and worker access requirements.* If the contractor or subcontractor fails to submit the required records or to make them available, or refuses to permit worker interviews during working hours on the job, the Federal agency may, after written notice to the contractor, sponsor, applicant, owner, or other entity, as the case may be, that maintains such records or that employs such workers, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available, or to permit worker interviews during working hours on the job, may be grounds for debarment action pursuant to § 5.12. In addition, any contractor or other person that fails to submit the required records or make those records available to WHD within the time WHD requests that the records be produced will be precluded from introducing as evidence in an administrative proceeding under [29 CFR part 6](#) any of the required records that were not provided or made available to WHD. WHD will take into consideration a reasonable request from the contractor or person for an extension of the time for submission of records. WHD will determine the reasonableness of the request and may consider, among other things, the location of the records and the volume of production.

(3) *Required information disclosures.* Contractors and subcontractors must maintain the full Social Security number and last known address, telephone number, and email address

of each covered worker, and must provide them upon request to the contracting agency, the State DOT, the FHWA, the contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or other compliance action.

4. Apprentices and equal employment opportunity (29 CFR 5.5)

a. *Apprentices* (1) *Rate of pay.* Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship (OA), or with a State Apprenticeship Agency recognized by the OA. A person who is not individually registered in the program, but who has been certified by the OA or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice, will be permitted to work at less than the predetermined rate for the work they perform in the first 90 days of probationary employment as an apprentice in such a program. In the event the OA or a State Apprenticeship Agency recognized by the OA withdraws approval of an apprenticeship program, the contractor will no longer be permitted to use apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(2) *Fringe benefits.* Apprentices must be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringe benefits must be paid in accordance with that determination.

(3) *Apprenticeship ratio.* The allowable ratio of apprentices to journeyworkers on the job site in any craft classification must not be greater than the ratio permitted to the contractor as to the entire work force under the registered program or the ratio applicable to the locality of the project pursuant to paragraph 4.a.(4) of this section. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in paragraph 4.a.(1) of this section, must be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under this section must be paid not less than the applicable wage rate on the wage determination for the work actually performed.

(4) *Reciprocity of ratios and wage rates.* Where a contractor is performing construction on a project in a locality other than the locality in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyworker's hourly rate) applicable within the locality in which the construction is being performed must be observed. If there is no applicable ratio or wage rate for the locality of the project, the ratio and wage rate specified in the contractor's registered program must be observed.

b. *Equal employment opportunity.* The use of apprentices and journeyworkers under this part must be in conformity with

the equal employment opportunity requirements of Executive Order 11246, as amended, and [29 CFR part 30](#).

c. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. 23 CFR 230.111(e)(2). The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeyworkers shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract as provided in 29 CFR 5.5.

6. Subcontracts. The contractor or subcontractor must insert FHWA-1273 in any subcontracts, along with the applicable wage determination(s) and such other clauses or contract modifications as the contracting agency may by appropriate instructions require, and a clause requiring the subcontractors to include these clauses and wage determination(s) in any lower tier subcontracts. The prime contractor is responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in this section. In the event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and may be subject to debarment, as appropriate. 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract as provided in 29 CFR 5.5.

9. Disputes concerning labor standards. As provided in 29 CFR 5.5, disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility. a. By entering into this contract, the contractor certifies that neither it nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of [40 U.S.C. 3144\(b\)](#) or § 5.12(a).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of [40 U.S.C. 3144\(b\)](#) or § 5.12(a).

c. The penalty for making false statements is prescribed in the U.S. Code, Title 18 Crimes and Criminal Procedure, [18 U.S.C. 1001](#).

11. Anti-retaliation. It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#);

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#);

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#); or

d. Informing any other person about their rights under the DBA, Related Acts, this part, or [29 CFR part 1](#) or [3](#).

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

Pursuant to 29 CFR 5.5(b), the following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchpersons and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek. 29 CFR 5.5.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph 1. of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages and interest from the date of the underpayment. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or

mechanic, including watchpersons and guards, employed in violation of the clause set forth in paragraph 1. of this section, in the sum currently provided in 29 CFR 5.5(b)(2)* for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph 1. of this section.

* \$31 as of January 15, 2023 (See 88 FR 88 FR 2210) as may be adjusted annually by the Department of Labor, pursuant to the Federal Civil Penalties Inflation Adjustment Act of 1990.

3. Withholding for unpaid wages and liquidated damages

a. *Withholding process.* The FHWA or the contracting agency may, upon its own action, or must, upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor so much of the accrued payments or advances as may be considered necessary to satisfy the liabilities of the prime contractor or any subcontractor for any unpaid wages; monetary relief, including interest; and liquidated damages required by the clauses set forth in this section on this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract subject to the Contract Work Hours and Safety Standards Act that is held by the same prime contractor (as defined in § 5.2). The necessary funds may be withheld from the contractor under this contract, any other Federal contract with the same prime contractor, or any other federally assisted contract that is subject to the Contract Work Hours and Safety Standards Act and is held by the same prime contractor, regardless of whether the other contract was awarded or assisted by the same agency, and such funds may be used to satisfy the contractor liability for which the funds were withheld.

b. *Priority to withheld funds.* The Department has priority to funds withheld or to be withheld in accordance with Section IV paragraph 2.a. or paragraph 3.a. of this section, or both, over claims to those funds by:

- (1) A contractor's surety(ies), including without limitation performance bond sureties and payment bond sureties;
- (2) A contracting agency for its procurement costs;
- (3) A trustee(s) (either a court-appointed trustee or a U.S. trustee, or both) in bankruptcy of a contractor, or a contractor's bankruptcy estate;
- (4) A contractor's assignee(s);
- (5) A contractor's successor(s); or
- (6) A claim asserted under the Prompt Payment Act, [31 U.S.C. 3901](#)–3907.

4. **Subcontracts.** The contractor or subcontractor must insert in any subcontracts the clauses set forth in paragraphs 1. through 5. of this section and a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor is responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs 1. through 5. In the

event of any violations of these clauses, the prime contractor and any subcontractor(s) responsible will be liable for any unpaid wages and monetary relief, including interest from the date of the underpayment or loss, due to any workers of lower-tier subcontractors, and associated liquidated damages and may be subject to debarment, as appropriate.

5. **Anti-retaliation.** It is unlawful for any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, or to cause any person to discharge, demote, intimidate, threaten, restrain, coerce, blacklist, harass, or in any other manner discriminate against, any worker or job applicant for:

a. Notifying any contractor of any conduct which the worker reasonably believes constitutes a violation of the Contract Work Hours and Safety Standards Act (CWHSSA) or its implementing regulations in this part;

b. Filing any complaint, initiating or causing to be initiated any proceeding, or otherwise asserting or seeking to assert on behalf of themselves or others any right or protection under CWHSSA or this part;

c. Cooperating in any investigation or other compliance action, or testifying in any proceeding under CWHSSA or this part; or

d. Informing any other person about their rights under CWHSSA or this part.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System pursuant to 23 CFR 635.116.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" in paragraph 1 of Section VI refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions: (based on longstanding interpretation)

- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
- (2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract. 23 CFR 635.102.

2. Pursuant to 23 CFR 635.116(a), the contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. Pursuant to 23 CFR 635.116(c), the contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract. (based on long-standing interpretation of 23 CFR 635.116).

5. The 30-percent self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements. 23 CFR 635.116(d).

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR Part 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract. 23 CFR 635.108.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and

health standards (29 CFR Part 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704). 29 CFR 1926.10.

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR Part 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 11, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT (42 U.S.C. 7606; 2 CFR 200.88; EO 11738)

This provision is applicable to all Federal-aid construction contracts in excess of \$150,000 and to all related subcontracts. 48 CFR 2.101; 2 CFR 200.327.

By submission of this bid/proposal or the execution of this contract or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, subcontractor, supplier, or vendor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). Violations must be reported to the Federal Highway Administration and the Regional Office of the Environmental Protection Agency. 2 CFR Part 200, Appendix II.

The contractor agrees to include or cause to be included the requirements of this Section in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements. 2 CFR 200.327.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200. 2 CFR 180.220 and 1200.220.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant 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 first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction. 2 CFR 180.320.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default. 2 CFR 180.325.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances. 2 CFR 180.345 and 180.350.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900-180.1020, and 1200. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction 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 or agency entering into this transaction. 2 CFR 180.330.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold. 2 CFR 180.220 and 180.300.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. 2 CFR 180.300; 180.320, and 180.325. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. 2 CFR 180.335. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (<https://www.sam.gov/>). 2 CFR 180.300, 180.320, and 180.325.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant 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 or agency may terminate this transaction for cause or default. 2 CFR 180.325.

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.335;.

(2) 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, 2 CFR 180.800;

(3) 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 offenses enumerated in paragraph (a)(2) of this certification, 2 CFR 180.700 and 180.800; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default. 2 CFR 180.335(d).

(5) Are not a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(6) Are not a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability (USDOT Order 4200.6 implementing appropriations act requirements).

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal. 2 CFR 180.335 and 180.340.

3. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders, and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200). 2 CFR 180.220 and 1200.220.

a. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances. 2 CFR 180.365.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180, Subpart I, 180.900 – 180.1020, and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a recipient or subrecipient of Federal funds and a participant (such as the prime or general contractor). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a recipient or subrecipient of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction 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 or agency with which this transaction originated. 2 CFR 1200.220 and 1200.332.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold. 2 CFR 180.220 and 1200.220.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the System for Award Management website (<https://www.sam.gov/>), which is compiled by the General Services Administration. 2 CFR 180.300, 180.320, 180.330, and 180.335.

h. 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 participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant 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 or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment. 2 CFR 180.325.

* * * * *

4. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

a. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals:

(1) is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency, 2 CFR 180.355;

(2) is a corporation that has been convicted of a felony violation under any Federal law within the two-year period preceding this proposal (USDOT Order 4200.6 implementing appropriations act requirements); and

(3) is a corporation with any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted, or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability. (USDOT Order 4200.6 implementing appropriations act requirements)

b. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant should attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000. 49 CFR Part 20, App. A.

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or

cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

XII. USE OF UNITED STATES-FLAG VESSELS:

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, or any other covered transaction. 46 CFR Part 381.

This requirement applies to material or equipment that is acquired for a specific Federal-aid highway project. 46 CFR 381.7. It is not applicable to goods or materials that come into inventories independent of an FHWA funded-contract.

When oceanic shipments (or shipments across the Great Lakes) are necessary for materials or equipment acquired for a specific Federal-aid construction project, the bidder, proposer, contractor, subcontractor, or vendor agrees:

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels. 46 CFR 381.7.

2. To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b)(1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Office of Cargo and Commercial Sealift (MAR-620), Maritime Administration, Washington, DC 20590. (MARAD requires copies of the ocean carrier's (master) bills of lading, certified onboard, dated, with rates and charges. These bills of lading may contain business sensitive information and therefore may be submitted directly to MARAD by the Ocean Transportation Intermediary on behalf of the contractor). 46 CFR 381.7.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS (23 CFR 633, Subpart B, Appendix B)**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

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).

NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY (EXECUTIVE ORDER 11246)

1. The Offeror's or Bidder's attention is called to the "Employment Practices" and "Equal Opportunity Clause" set forth in the Required Contract Provisions, FHWA 1273.
2. The goals and timetables for minority and female participation expressed in percentage terms for the contractor's aggregate work force in each trade, on all construction work in the covered area, are as follows:

Goals for Minority Participation for Each Trade:

<u>County</u>	<u>%</u>	<u>County</u>	<u>%</u>	<u>County</u>	<u>%</u>
Adams	1.7	Iowa	1.7	Polk	2.2
Ashland	1.2	Iron	1.2	Portage	0.6
Barron	0.6	Jackson	0.6	Price	0.6
Bayfield	1.2	Jefferson	7.0	Racine	8.4
Brown	1.3	Juneau	0.6	Richland	1.7
Buffalo	0.6	Kenosha	3.0	Rock	3.1
Burnett	2.2	Kewaunee	1.0	Rusk	0.6
Calumet	0.9	La Crosse	0.9	St. Croix	2.9
Chippewa	0.5	Lafayette	0.5	Sauk	1.7
Clark	0.6	Langlade	0.6	Sawyer	0.6
Columbia	1.7	Lincoln	0.6	Shawano	1.0
Crawford	0.5	Manitowoc	1.0	Sheboygan	7.0
Dane	2.2	Marathon	0.6	Taylor	0.6
Dodge	7.0	Marinette	1.0	Trempealeau	0.6
Door	1.0	Marquette	1.7	Vernon	0.6
Douglas	1.0	Menominee	1.0	Vilas	0.6
Dunn	0.6	Milwaukee	8.0	Walworth	7.0
Eau Claire	0.5	Monroe	0.6	Washburn	0.6
Florence	1.0	Oconto	1.0	Washington	8.0
Fond du Lac	1.0	Oneida	0.6	Waukesha	8.0
Forest	1.0	Outagamie	0.9	Waupaca	1.0
Grant	0.5	Ozaukee	8.0	Waushara	1.0
Green	1.7	Pepin	0.6	Winnebago	0.9
Green Lake	1.0	Pierce	2.2	Wood	0.6

Goals for female participation for each trade: 6.9%

These goals are applicable to all the contractor's construction work, (whether or not it is federal or federally assisted), performed in the covered area. If the contractor performs construction work in the geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and nonfederally involved construction.

The contractor's compliance with the Executive Order and the Regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from contractor to contractor or from project to project for the sole purpose of meeting the contractor's goals shall be a violation of the contract, the Executive Order and the Regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within ten (10) working days of award of any construction subcontract in excess of \$10,000.00 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor, employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.

As referred to in this section, the Director means:

Director
Office of Federal Contract Compliance Programs
Ruess Federal Plaza
310 W. Wisconsin Ave., Suite 1115
Milwaukee, WI 53202

The "Employer Identification Number" means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U.S. Treasury Department Form 941.

4. As used in this notice, and in the contract resulting from solicitation, the "covered area" is the county(ies) in Wisconsin to which this proposal applies.

ADDITIONAL FEDERAL-AID PROVISIONS

NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (DOT) operates the above toll-free "hotline" Monday through Friday, 8:00 a.m. to 5:00 p.m., Eastern Time. Anyone with knowledge of possible bid rigging, bidding collusion, or other fraudulent activities should use the "hotline" to report such activities.

The "hotline" is part of the DOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

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 planing, 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/rdw/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>

CARGO PREFERENCE ACT REQUIREMENT

All Federal-aid projects shall comply with 46 CFR 381.7 (a) – (b) as follows:

(a) *Agreement Clauses.* “Use of United States-flag vessels:”

(1) Pursuant to Pub. L. 664 (43 U.S.C. 1241(b)) at least 50 percent of any equipment, materials or commodities procured, contracted for or otherwise obtained with funds granted, guaranteed, loaned, or advanced by the U.S. Government under this agreement, and which may be transported by ocean vessel, shall be transported on privately owned United States-flag commercial vessels, if available.

(2) Within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, ‘on-board’ commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (a)(1) of this section shall be furnished to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.”

(b) *Contractor and Subcontractor Clauses.* “Use of United States-flag vessels: The contractor agrees—”

(1) To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.

(2) To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, ‘on-board’ commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b) (1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.

(3) To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this contract.

**WISCONSIN DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION AND SYSTEM DEVELOPMENT**

**SUPPLEMENTAL REQUIRED CONTRACT PROVISIONS
FOR PROJECTS WITH FEDERAL AID**

I. PREVAILING WAGE RATES

The attached U.S. Department of Labor (Davis-Bacon Minimum Wage Rates) furnishes the minimum prevailing wage rates pursuant to the Davis-Bacon and Related Acts. The wage rates shown are the minimum rates required by the contract to be paid during its life, however this is not a representation that labor can be obtained at these rates. It is the responsibility of bidders to inform themselves as to the local labor conditions and prospective changes or adjustments of wage rates. No increase in the contract price will be allowed or authorized on account of the payment of wage rates in excess of those listed herein.

II. COVERAGE OF TRUCK DRIVERS

Truck drivers are covered by Davis-Bacon Minimum Wage Rates in the following circumstances:

- Drivers of a contractor or subcontractor for time spent working on the site of the work.
- Drivers of a contractor or subcontractor for time spent loading and/or unloading materials and supplies on the site of the work, if such time is not de minimis.
https://www.dol.gov/whd/FOH/FOH_Ch15.pdf
- Truck drivers transporting materials or supplies between a facility that is deemed part of the site of the work and the actual construction site.
- Truck drivers transporting portions of the building or work between a site established specifically for the performance of the contract where a significant portion of such building or work is constructed and the physical place where the building or work called for in the contract will remain.

Truck drivers are not covered by Davis-Bacon Minimum Wage Rates in the following circumstances:

- Material delivery truck drivers while off the site of the work.
- Drivers of a contractor or subcontractor traveling between a Davis-Bacon job and a commercial supply facility while they are off the site of the work.”
- Truck drivers whose time spent on the site of the work is de minimis, such as only a few minutes at a time merely to pick up or drop off materials or supplies.

Details are available online at:

<https://www.dol.gov/whd/recovery/pwrb/Tab9.pdf>

<https://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/trckng.aspx>

III. POSTINGS AT THE SITE OF THE WORK

In addition to the required postings furnished by the department, the contractor shall post the following in at least one conspicuous and accessible place at the site of work:

- a. A copy of the contractor's Equal Employment Opportunity Policy.

All required documents shall be posted by the first day of work and be accurate and complete. Postings must be readable, in an area where they will be noticed, and maintained until the last day of work.

IV. RESOURCES

Required information regarding compliance with federal provisions is found in the following resources:

- FHWA-1273 included in this contract
- U.S. Department of Labor Prevailing Wage Resource Book
- U.S. Department of Labor Field Operations Handbook
- U.S. Code of Federal Regulations
- Any applicable law, Act, or Executive Order enacted by the federal government at the time of the letting of this contract

"General Decision Number: WI20260010 01/02/2026

Superseded General Decision Number: WI20250010

State: Wisconsin

Construction Type: Highway

Counties: Wisconsin Statewide.

HIGHWAY, AIRPORT RUNWAY & TAXIWAY CONSTRUCTION PROJECTS (does not include bridges over navigable waters; tunnels; buildings in highway rest areas; and railroad construction)

Modification Number	Publication Date
0	01/02/2026

BRWI0001-002 06/01/2025

CRAWFORD, JACKSON, JUNEAU, LA CROSSE, MONROE, TREMPLEAU, AND VERNON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 40.09	28.10

BRWI0002-002 06/01/2025		

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 48.60	29.31

BRWI0002-005 06/01/2025		

ADAMS, BARRON, BROWN, CALUMET, CHIPPEWA, CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE, FOND DU LAC, FOREST, GREEN LAKE, JEFFERSON, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, POLK, PORTAGE, RUSK, SAUK, SHAWANO, SHEBOYGAN, ST. CROIX, TAYLOR, VILAS, WALWORTH, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 46.01	29.31

BRWI0003-002 06/01/2024		

BROWN, DOOR, FLORENCE, KEWAUNEE, MARINETTE, AND OCONTO COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.45	27.41

BRWI0004-002 06/01/2025		

KENOSHA, RACINE, AND WALWORTH COUNTIES

Rates	Fringes
-------	---------

BRICKLAYER.....	\$ 44.71	28.90
-----------------	----------	-------

BRWI0006-002 06/01/2025

ADAMS, CLARK, FOREST, LANGLADE, LINCOLN, MARATHON, MENOMINEE,
ONEIDA, PORTAGE, PRICE, TAYLOR, VILAS AND WOOD COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 39.36	28.83

BRWI0007-002 06/01/2025

GREEN, LAFAYETTE, AND ROCK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 40.34	29.49

BRWI0008-002 06/01/2025

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 45.72	27.42

BRWI0011-002 06/01/2024

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.45	27.41

BRWI0019-002 06/01/2025

BARRON, BUFFALO, BURNETT, CHIPPEWA, DUNN, EAU CLAIRE, PEPIN,
PIERCE, POLK, RUSK, ST. CROIX, SAWYER AND WASHBURN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 39.50	28.69

BRWI0034-002 06/01/2025

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 41.17	28.66

CARP0068-011 05/05/2025

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys
35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 47.57	31.17
PILEDRIVERMAN.....	\$ 47.71	30.98

CARP0231-002 06/01/2025

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WASHINGTON, AND WAUKESHA
COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 45.46	31.52

CARP0310-002 06/01/2025

ADAMS, ASHLAND, BAYFIELD (Eastern 2/3), FOREST, IRON, JUNEAU,
LANGLADE, LINCOLN, MARATHON, ONEIDA, PORTAGE, PRICE, SHAWANO
(Western Portion of the County), TAYLOR, VILAS, AND WOOD
COUNTIES

	Rates	Fringes
Carpenter.....	\$ 44.43	29.95
Piledriver.....	\$ 44.43	29.95

CARP0314-001 06/02/2025

COLUMBIA, DANE, DODGE, GRANT, GREEN, IOWA, JEFFERSON,
LAFAYETTE, RICHLAND, ROCK, SAUK, AND WALWORTH COUNTIES

	Rates	Fringes
Carpenter.....	\$ 42.45	28.78
Piledrivermen.....	\$ 44.45	28.78

CARP0361-004 05/05/2025

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 46.82	31.92

CARP0731-002 06/03/2024

CALUMET (Eastern Portion of the County), FOND DU LAC (Eastern
Portion of the County), MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
Carpenter.....	\$ 42.44	28.44
Piledriver.....	\$ 42.44	28.44

CARP0955-002 06/02/2025

CALUMET (Western Portion of the County), FOND DU LAC (Western
Portion of the County), GREEN LAKE, MARQUETTE, OUTAGAMIE,
WAUPACA, WAUSHARA, AND WINNEBAGO

	Rates	Fringes
Carpenter.....	\$ 44.43	29.95
Piledriver.....	\$ 44.43	29.95

CARP1056-002 06/01/2024

ADAMS, ASHLAND, BARRON, BAYFIELD , BROWN, BUFFALO, BURNETT
, CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE,
DOOR, DUNN, EAU CLAIRE, FLORENCE, FOND DU LAC, FOREST, GRANT,
GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU,
KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC,
MARATHON, MARINETTE, MARQUETTE, MENOMINEE, MONROE, OCONTO,
ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwy. 29 & 65), POLK (E.
of Hwy. 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK,
SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST. CROIX (E. of Hwy. 65),
TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN,
WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
MILLWRIGHT.....	\$ 42.00	28.85

CARP1074-002 06/02/2025

BARRON, BURNETT, CHIPPEWA, CLARK, DUNN, EAU CLAIRE, PEPIN,
PIERCE (E. of Hwy. 29 & 65), POLK (E. of Hwy. 35, 48 & 65),
RUSK, SAWYER, ST. CROIX (E. of Hwy. 65), AND WASHBURN

	Rates	Fringes
Carpenter.....	\$ 44.43	29.95
Piledriver.....	\$ 44.43	29.95

CARP1143-002 06/02/2025

BUFFALO, CRAWFORD, JACKSON, LA CROSSE, MONROE, TREMPLEAU AND
VERNON COUNTIES

	Rates	Fringes
Carpenter.....	\$ 44.43	29.95
Piledriver.....	\$ 44.43	29.95

CARP1146-002 06/02/2025

BROWN, DOOR, FLORENCE, KEWAUNEE, MARINETTE, MENOMINEE, OCONTO,
AND SHAWANO (Western Portion of the County) COUNTIES

	Rates	Fringes
Carpenter.....	\$ 44.43	29.95
Piledriver.....	\$ 44.43	29.95

CARP2337-009 06/02/2025

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WASHINGTON, AND WAUKESHA

	Rates	Fringes
PILEDRIVERMAN.....	\$ 44.39	34.79

ELEC0014-002 05/25/2025

ASHLAND, BARRON, BAYFIELD, BUFFALO, BURNETT, CHIPPEWA, CLARK

(except Maryville, Colby, Unity, Sherman, Fremont, Lynn & Sherwood), CRAWFORD, DUNN, EAU CLAIRE, GRANT, IRON, JACKSON, LA CROSSE, MONROE, PEPIN, PIERCE, POLK, PRICE, RICHLAND, RUSK, ST CROIX, SAWYER, TAYLOR, TREMPLEAU, VERNON, AND WASHBURN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 44.29	25.21

ELEC0014-007 05/25/2025		

ADAMS, ASHLAND, BARRON, BAYFIELD, BROWN, BUFFALO, BURNETT, CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DOUGLAS, DUNN, EAU CLAIRE, FLORENCE, FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KENOSHA, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE, POLK, PORTAGE, PRICE, RACINE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST CROIX, TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO AND WOOD COUNTIES

	Rates	Fringes
Teledata System Installer		
Installer/Technician.....	\$ 31.17	20.08

Low voltage construction, installation, maintenance and removal of teledata facilities (voice, data, and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated systems digital network).

ELEC0127-002 06/01/2025

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 50.01	28.4

ELEC0158-002 05/25/2025		

BROWN, DOOR, KEWAUNEE, MANITOWOC (except Schleswig), MARINETTE(Wausaukee and area South thereof), OCONTO, MENOMINEE (East of a line 6 miles West of the West boundary of Oconto County), SHAWANO (Except Area North of Townships of Aniwa and Hutchins) COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 42.00	23.93

ELEC0159-003 05/26/2024		

COLUMBIA, DANE, DODGE (Area West of Hwy 26, except Chester and Emmet Townships), GREEN, LAKE (except Townships of Berlin, Seneca, and St. Marie), IOWA, MARQUETTE (except Townships of

Neshkoka, Crystal Lake, Newton, and Springfield), and SAUK
COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 48.55	25.91

ELEC0219-004 06/01/2019		

FLORENCE COUNTY (Townships of Aurora, Commonwealth, Fern,
Florence and Homestead) AND MARINETTE COUNTY (Township of
Niagara)

	Rates	Fringes
Electricians:		
Electrical contracts over \$180,000.....	\$ 33.94	21.80
Electrical contracts under \$180,000.....	\$ 31.75	21.73

ELEC0242-005 06/01/2025		

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 47.46	33.34

ELEC0388-002 06/01/2024		

ADAMS, CLARK (Colby, Freemont, Lynn, Mayville, Sherman,
Sherwood, Unity), FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON,
MARINETTE (Beecher, Dunbar, Goodman & Pembine), MENOMINEE (Area
West of a line 6 miles West of the West boundary of Oconto
County), ONEIDA, PORTAGE, SHAWANO (Aniwa and Hutchins), VILAS
AND WOOD COUNTIES

	Rates	Fringes
Electricians:.....	\$ 40.19	26%+12.45

ELEC0430-002 06/01/2024		

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 48.50	26.25

ELEC0494-005 06/01/2025		

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 50.86	28.26

ELEC0494-006 06/01/2025		

CALUMET (Township of New Holstein), DODGE (East of Hwy 26
including Chester Township), FOND DU LAC, MANITOWOC

(Schleswig), and SHEBOYGAN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 45.20	25.27

ELEC0494-013 06/01/2025		

DODGE (East of Hwy 26 including Chester Twp, excluding Emmet Twp), FOND DU LAC (Except Waupun), MILWAUKEE, OZAUKEE, MANITOWOC (Schleswig), WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 37.13	21.58
Technician.....	\$ 37.13	21.58

Installation, testing, maintenance, operation and servicing of all sound, intercom, telephone interconnect, closed circuit TV systems, radio systems, background music systems, language laboratories, electronic carillon, antenna distribution systems, clock and program systems and low-voltage systems such as visual nurse call, audio/visual nurse call systems, doctors entrance register systems. Includes all wire and cable carrying audio, visual, data, light and radio frequency signals. Includes the installation of conduit, wiremold, or raceways in existing structures that have been occupied for six months or more where required for the protection of the wire or cable, but does not mean a complete conduit or raceway system. work covered does not include the installation of conduit, wiremold or any raceways in any new construction, or the installation of power supply outlets by means of which external electric power is supplied to any of the foregoing equipment or products

ELEC0577-003 06/01/2025

CALUMET (except Township of New Holstein), GREEN LAKE (N. part including Townships of Berlin, St Marie, and Seneca), MARQUETTE (N. part including Townships of Crystal Lake, Neshkoro, Newton, and Springfield), OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO COUNTIES

	Rates	Fringes
Electricians:.....	\$ 41.76	23.65

ELEC0890-003 06/01/2024		

DODGE (Emmet Township only), GREEN, JEFFERSON, LAFAYETTE, RACINE (Burlington Township), ROCK AND WALWORTH COUNTIES

	Rates	Fringes
Electricians:.....	\$ 43.65	25.95%+12.26

ELEC0953-001 06/02/2019		

	Rates	Fringes
Line Construction:		
(1) Lineman.....	\$ 47.53	21.43
(2) Heavy Equipment Operator.....	\$ 42.78	19.80
(3) Equipment Operator.....	\$ 38.02	18.40
(4) Heavy Groundman Driver..	\$ 33.27	16.88
(5) Light Groundman Driver..	\$ 30.89	16.11
(6) Groundsman.....	\$ 26.14	14.60

 ENGI0139-005 06/01/2025

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 48.37	30.30
Group 2.....	\$ 47.87	30.30
Group 3.....	\$ 46.77	30.30
Group 4.....	\$ 46.51	30.30
Group 5.....	\$ 46.22	30.30
Group 6.....	\$ 40.32	30.30

HAZARDOUS WASTE PREMIUMS:

EPA Level ""A"" protection - \$3.00 per hour
 EPA Level ""B"" protection - \$2.00 per hour
 EPA Level ""C"" protection - \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, tower cranes, and derricks with or without attachments with a lifting capacity of over 100 tons; or cranes, tower cranes, and derricks with boom, leads and/or jib lengths measuring 176 feet or longer.

GROUP 2: Cranes, tower cranes and derricks with or without attachments with a lifting capacity of 100 tons or less; or cranes, tower cranes, and derricks with boom, leads, and/or jibs lengths measuring 175 feet or under and Backhoes (excavators) weighing 130,000 lbs and over; caisson rigs; pile driver; dredge operator; dredge engineer; Boat Pilot.

GROUP 3: Mechanic or welder - Heavy duty equipment; cranes with a lifting capacity of 25 tons or under; concrete breaker (manual or remote); vibratory/sonic concrete breaker; concrete laser screed; concrete slipform paver; concrete batch plant operator; concrete pvt. spreader - heavy duty (rubber tired); concrete spreader & distributor; automatic subgrader (concrete); concrete grinder & planing machine; concrete slipform curb & gutter machine; slipform concrete placer; tube finisher; hydro blaster (10,000 psi & over); bridge paver; concrete conveyor system; concrete pump; Rotec type Conveyor; stabilizing mixer (self-propelled); shoulder widener; asphalt plant engineer; bituminous paver; bump cutter & grooving machine; milling machine; screed (bituminous paver); asphalt heater, planer & scarifier; Backhoes (excavators) weighing under 130,000 lbs; grader or motor patrol; tractor (scraper, dozer, pusher, loader); scraper - rubber tired (single or twin engine); endloader; hydraulic backhoe (tractor type); trenching machine; skid rigs; tractor, side boom (heavy); drilling or boring machine (mechanical heavy); roller over 5 tons; percussion or rotary drilling machine; air track; blaster; loading machine (conveyor); tugger; boatmen; winches & A-frames; post driver; material hoist.

GROUP 4: Greaser, roller steel (5 tons or less); roller (pneumatic tired) - self propelled; tractor (mounted or towed compactors & light equipment); shouldering machine; self- propelled chip spreader; concrete spreader; finishing machine; mechanical float; curing machine; power subgrader; joint sawer (multiple blade) belting machine; burlap machine; texturing machine; tractor endloader (rubber tired) - light; jeep digger; forklift; mulcher; launch operator; fireman, environmental burner

GROUP 5: Air compressor; power pack; vibrator hammer and extractor; heavy equipment, leadman; tank car heaters; stump chipper; curb machine operator; Concrete proportioning plants; generators; mudjack operator; rock breaker; crusher or screening plant; screed (milling machine); automatic belt conveyor and surge bin; pug mill operator; Oiler, pump (over 3 inches); Drilling Machine Tender, day light machine

GROUP 6: Off-road material hauler with or without ejector.

IRON0008-002 06/01/2025

BROWN, CALUMET, DOOR, FOND DU LAC, KEWAUNEE, MANITOWOC, MARINETTE, OCONTO, OUTAGAMI, SHAWANO, SHEBOYGAN, AND WINNEBAGO COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 44.66	33.67

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.

IRON0008-003 06/01/2025

KENOSHA, MILWAUKEE, OZAUCKEE, RACINE, WALWORTH (N.E. 2/3), WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 47.52	33.67

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.

IRON0383-001 06/01/2025

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST, GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA, JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON, MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA, WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 44.00	32.66

IRON0498-005 06/01/2025

GREEN (S.E. 1/3), ROCK (South of Edgerton and Milton), and
WALWORTH (S.W. 1/3) COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 48.74	49.65

IRON0512-008 05/01/2025

BARRON, BUFFALO, CHIPPEWA, CLARK, DUNN, EAU CLAIRE, JACKSON,
PEPIN, PIERCE, POLK, RUSK, ST CROIX, TAYLOR, AND TREMPLEAU
COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 46.35	36.86

IRON0512-021 05/01/2025

ASHLAND, BAYFIELD, BURNETT, DOUGLAS, IRON, LINCOLN, ONEIDA,
PRICE, SAWYER, VILAS AND WASHBURN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 42.89	36.86

LAB00113-002 06/02/2025

MILWAUKEE AND WAUKESHA COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 38.81	25.53
Group 2.....	\$ 38.96	25.53
Group 3.....	\$ 39.16	25.53
Group 4.....	\$ 39.31	25.53
Group 5.....	\$ 39.46	25.53
Group 6.....	\$ 35.30	25.53

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer;
Demolition and Wrecking Laborer; Guard Rail, Fence, and
Bridge Builder; Landscaper; Multiplate Culvert Assembler;
Stone Handler; Bituminous Worker (Shoveler, Loader, and
Utility Man); Batch Truck Dumper or Cement Handler;
Bituminous Worker (Dumper, Ironer, Smoother, and Tamper);
Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
(Pavement); Vibrator or Tamper Operator (Mechanical Hand
Operated); Chain Saw Operator; Demolition Burning Torch
Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
(Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagperson; traffic control person

LAB00113-003 06/02/2025

OZAUKEE AND WASHINGTON COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 38.06	25.53
Group 2.....	\$ 38.16	25.53
Group 3.....	\$ 38.21	25.53
Group 4.....	\$ 38.41	25.53
Group 5.....	\$ 38.26	25.53
Group 6.....	\$ 35.15	25.53

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated);

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson and Traffic Control Person

LAB00113-011 06/02/2025

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 37.87	25.53
Group 2.....	\$ 38.02	25.53
Group 3.....	\$ 38.22	25.53
Group 4.....	\$ 38.19	25.53
Group 5.....	\$ 38.52	25.53
Group 6.....	\$ 35.02	25.53

LABORERS CLASSIFICATIONS:

GROUP 1: General laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler;

Bituminous worker (Dumper, Ironer, Smoother, and Tamper);
Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
(Pavement); Vibrator or Tamper Operator (Mechanical Hand
Operated); Chain Saw Operator; Demolition Burning Torch
Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
(Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagman; traffic control person

LAB00140-002 06/02/2025

ADAMS, ASHLAND, BARRON, BAYFIELD, BROWN, BUFFALO, BURNETT,
CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DODGE, DOOR,
DOUGLAS, DUNN, EAU CLAIRE, FLORENCE, FOND DU LAC, FOREST,
GRANT, GREEN, GREEN LAKE, IRON, JACKSON, JUNEAU, IOWA,
JEFFERSON, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN,
MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, MONROE,
OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE, POLK, PORTAGE, PRICE,
RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST.
CROIX, TAYLOR, TREMPLEAU, VERNON, VILLAS, WALWORTH, WASHBURN,
WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 43.77	19.97
Group 2.....	\$ 43.87	19.97
Group 3.....	\$ 43.92	19.97
Group 4.....	\$ 44.12	19.97
Group 5.....	\$ 43.97	19.97
Group 6.....	\$ 40.40	19.97

LABORER CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer;
Demolition and Wrecking Laborer; Guard Rail, Fence, and
Bridge Builder; Landscaper; Multiplate Culvert Assembler;
Stone Handler; Bituminous Worker (Shoveler, Loader, and
Utility Man); Batch Truck Dumper or Cement Handler;
Bituminous Worker (Dumper, Ironer, Smoother and Tamper);
Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
(Pavement); Vibrator or Tamper Operator (Mechanical Hand
Operated); Chain Saw Operator, Demolition Burning Torch
Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
(Curb, Sidewalk and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson; Traffic Control

LAB00464-003 06/02/2025

DANE COUNTY

	Rates	Fringes
LABORER		
Group 1.....	\$ 44.05	19.97
Group 2.....	\$ 44.15	19.97
Group 3.....	\$ 44.20	19.97
Group 4.....	\$ 44.40	19.97
Group 5.....	\$ 44.25	19.97
Group 6.....	\$ 40.40	19.97

LABORERS CLASSIFICATIONS:

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated); Chain Saw Operator; Demolition Burning Torch Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; Powderman

GROUP 6: Flagperson and Traffic Control Person

PAIN0106-008 05/05/2025

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

	Rates	Fringes
Painters:		
New:		
Brush, Roller.....	\$ 38.17	27.26
Spray, Sandblast, Steel....	\$ 38.77	27.26
Repaint:		
Brush, Roller.....	\$ 36.67	27.26
Spray, Sandblast, Steel....	\$ 37.27	27.26

PAIN0108-002 06/01/2025

RACINE COUNTY

	Rates	Fringes
Painters:		
Brush, Roller.....	\$ 43.64	23.35
Spray & Sandblast.....	\$ 44.64	23.35

PAIN0259-002 05/01/2008

BARRON, CHIPPEWA, DUNN, EAU CLAIRE, PEPIN, PIERCE, POLK, RUSK,
SAWYER, ST. CROIX, AND WASHBURN COUNTIES

	Rates	Fringes
PAINTER.....	\$ 24.11	12.15

PAIN0259-004 05/01/2015

BUFFALO, CRAWFORD, JACKSON, LA CROSSE, MONROE, TREMPLEAU, AND
VERNON COUNTIES

	Rates	Fringes
PAINTER.....	\$ 22.03	12.45

PAIN0781-002 06/01/2025

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Painters:		
Bridge.....	\$ 43.19	24.87
Brush.....	\$ 42.44	24.87
Spray & Sandblast.....	\$ 43.19	24.87

PAIN0802-002 06/01/2025

COLUMBIA, DANE, DODGE, GRANT, GREEN, IOWA, LAFAYETTE, RICHLAND,
ROCK, AND SAUK COUNTIES

	Rates	Fringes
PAINTER		
Brush.....	\$ 37.65	21.17

PREMIUM PAY:
 Structural Steel, Spray, Bridges = \$1.00 additional per
 hour.

PAIN0802-003 06/01/2025

ADAMS, BROWN, CALUMET, CLARK, DOOR, FOND DU LAC, FOREST, GREEN
LAKE, IRON, JUNEAU, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC,
MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA,
OUTAGAMIE, PORTAGE, PRICE, SHAWANO, SHEBOYGAN, TAYLOR, VILAS,
WAUSHARA, WAUPACA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
PAINTER.....	\$ 37.65	21.17

PAIN0934-001 06/01/2025

KENOSHA AND WALWORTH COUNTIES

	Rates	Fringes
--	-------	---------

Painters:

Brush.....	\$ 40.62	26.37
Spray.....	\$ 41.62	26.37
Structural Steel.....	\$ 40.77	26.37

PAIN1011-002 06/01/2025

FLORENCE COUNTY

	Rates	Fringes
Painters:.....	\$ 31.17	15.92

PLAS0599-002 06/01/2025

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
Area A.....	\$ 47.22	31.90
Area C.....	\$ 40.06	28.65
Area D.....	\$ 42.28	26.43
Area E.....	\$ 41.16	27.54
Area F.....	\$ 37.33	31.38

AREA DESCRIPTIONS:

AREA A: ASHLAND, BURNETT, BAYFIELD, DOUGLAS, IRON, PRICE,
SAWYER, AND WASHBURN COUNTIES

AREA C: BUFFALO, CRAWFORD, EAU CLAIRE, JACKSON, JUNEAU, LA
CROSSE, MONROE, PEPIN, PIERCE, RICHLAND, TREMPLEAU, AND
VERNON COUNTIES

AREA D: MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

AREA E: DANE, GRANT, GREEN, IOWA, LAFAYETTE, AND ROCK COUNTIES

AREA F: KENOSHA AND RACINE COUNTIES

TEAM0039-001 06/01/2025

	Rates	Fringes
TRUCK DRIVER		
1 & 2 Axles.....	\$ 39.57	28.70
3 or more Axles; Euclids, Dumpton & Articulated, Truck Mechanic.....	\$ 39.72	28.70

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

=====

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave
for Federal Contractors applies to all contracts subject to the
Davis-Bacon Act for which the contract is awarded (and any
solicitation was issued) on or after January 1, 2017. If this
contract is covered by the EO, the contractor must provide
employees with 1 hour of paid sick leave for every 30 hours
they work, up to 56 hours of paid sick leave each year.

Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE:

UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The "SU" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The "SA" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification

and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

=====

END OF GENERAL DECISION

"

"General Decision Number: WI20260008 01/02/2026

Superseded General Decision Number: WI20250008

State: Wisconsin

Construction Types: Heavy (Sewer and Water Line and Tunnel)

Counties: Wisconsin Statewide.

TUNNEL, SEWER & WATER LINE CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	01/02/2026

BRWI0001-002 06/01/2025

CRAWFORD, JACKSON, JUNEAU, LA CROSSE, MONROE, TREMPLEAU, AND VERNON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 40.09	28.10

BRWI0002-002 06/01/2025		

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 48.60	29.31

BRWI0002-005 06/01/2025		

ADAMS, BARRON, BROWN, CALUMET, CHIPPEWA, CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE, FOND DU LAC, FOREST, GREEN LAKE, JEFFERSON, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, POLK, PORTAGE, RUSK, SAUK, SHAWANO, SHEBOYGAN, ST. CROIX, TAYLOR, VILAS, WALWORTH, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 46.01	29.31

BRWI0003-002 06/01/2024		

BROWN, DOOR, FLORENCE, KEWAUNEE, MARINETTE, AND OCONTO COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.45	27.41

BRWI0004-002 06/01/2025		

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 44.71	28.90

BRWI0006-002 06/01/2025

ADAMS, CLARK, FOREST, LANGLADE, LINCOLN, MARATHON, MENOMINEE,
ONEIDA, PORTAGE, PRICE, TAYLOR, VILAS AND WOOD COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 39.36	28.83

BRWI0007-002 06/01/2025

GREEN, LAFAYETTE, AND ROCK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 40.34	29.49

BRWI0008-002 06/01/2025

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 45.72	27.42

BRWI0009-001 06/01/2024

GREEN LAKE, MARQUETTE, OUTAGAMIE, SHAWANO, WAUPACA, WASHARA,
AND WINNEBAGO COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.45	27.41

BRWI0011-002 06/01/2024

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.45	27.41

BRWI0013-002 06/01/2025

DANE, GRANT, IOWA, AND RICHLAND COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 41.17	28.66

BRWI0019-002 06/01/2025

BARRON, BUFFALO, BURNETT, CHIPPEWA, DUNN, EAU CLAIRE, PEPIN,
PIERCE, POLK, RUSK, ST. CROIX, SAWYER AND WASHBURN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 39.50	28.69

BRWI0021-002 06/01/2025

DODGE AND JEFFERSON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 40.14	29.67

BRWI0034-002 06/01/2025		

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 41.17	28.66

CARP0068-011 05/05/2025		

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys 35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 47.57	31.17
PILEDRIVERMAN.....	\$ 47.71	30.98

CARP0231-002 06/01/2025		

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 45.46	31.52

CARP0310-002 06/01/2025		

ADAMS, ASHLAND, BAYFIELD (Eastern 2/3), FOREST, IRON, JUNEAU, LANGLADE, LINCOLN, MARATHON, ONEIDA, PORTAGE, PRICE, SHAWANO (Western Portion of the County), TAYLOR, VILAS, AND WOOD COUNTIES

	Rates	Fringes
Carpenter.....	\$ 44.43	29.95
Piledriver.....	\$ 44.43	29.95

CARP0314-001 06/02/2025		

COLUMBIA, DANE, DODGE, GRANT, GREEN, IOWA, JEFFERSON, LAFAYETTE, RICHLAND, ROCK, SAUK, AND WALWORTH COUNTIES

	Rates	Fringes
Carpenter.....	\$ 42.45	28.78
Piledrivermen.....	\$ 44.45	28.78

CARP0361-004 05/05/2025		

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

Rates	Fringes
-------	---------

CARPENTER.....	\$ 46.82	31.92
----------------	----------	-------

CARP0731-002 06/03/2024

CALUMET (Eastern Portion of the County), FOND DU LAC (Eastern Portion of the County), MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
Carpenter.....	\$ 42.44	28.44
Piledriver.....	\$ 42.44	28.44

CARP0955-002 06/02/2025

CALUMET (Western Portion of the County), FOND DU LAC (Western Portion of the County), GREEN LAKE, MARQUETTE, OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO

	Rates	Fringes
Carpenter.....	\$ 44.43	29.95
Piledriver.....	\$ 44.43	29.95

CARP1056-002 06/01/2024

ADAMS, ASHLAND, BARRON, BAYFIELD , BROWN, BUFFALO, BURNETT ,CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE, FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwy. 29 & 65), POLK (E. of Hwy. 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST. CROIX (E. of Hwy. 65), TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
MILLWRIGHT.....	\$ 42.00	28.85

CARP1074-002 06/02/2025

BARRON, BURNETT, CHIPPEWA, CLARK, DUNN, EAU CLAIRE, PEPIN, PIERCE (E. of Hwy. 29 & 65), POLK (E. of Hwy. 35, 48 & 65), RUSK, SAWYER, ST. CROIX (E. of Hwy. 65), AND WASHBURN

	Rates	Fringes
Carpenter.....	\$ 44.43	29.95
Piledriver.....	\$ 44.43	29.95

CARP1143-002 06/02/2025

BUFFALO, CRAWFORD, JACKSON, LA CROSSE, MONROE, TREMPLEAU AND VERNON COUNTIES

	Rates	Fringes
Carpenter.....	\$ 44.43	29.95

Piledriver.....	\$ 44.43	29.95
-----------------	----------	-------

CARP1146-002 06/02/2025

BROWN, DOOR, FLORENCE, KEWAUNEE, MARINETTE, MENOMINEE, OCONTO,
AND SHAWANO (Western Portion of the County) COUNTIES

	Rates	Fringes
Carpenter.....	\$ 44.43	29.95
Piledriver.....	\$ 44.43	29.95

CARP2337-009 06/02/2025

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WASHINGTON, AND WAUKESHA

	Rates	Fringes
PILEDRIVERMAN.....	\$ 44.39	34.79

CARP2337-010 06/02/2025

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WASHINGTON, AND WAUKESHA

	Rates	Fringes
MILLWRIGHT.....	\$ 44.03	32.94

ELEC0014-002 05/25/2025

ASHLAND, BARRON, BAYFIELD, BUFFALO, BURNETT, CHIPPEWA, CLARK
(except Maryville, Colby, Unity, Sherman, Fremont, Lynn &
Sherwood), CRAWFORD, DUNN, EAU CLAIRE, GRANT, IRON, JACKSON, LA
CROSSE, MONROE, PEPIN, PIERCE, POLK, PRICE, RICHLAND, RUSK, ST
CROIX, SAWYER, TAYLOR, TREMPLEAU, VERNON, AND WASHBURN
COUNTIES

	Rates	Fringes
Electricians:.....	\$ 44.29	25.21

ELEC0127-002 06/01/2025

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 50.01	28.4

ELEC0158-002 05/25/2025

BROWN, DOOR, KEWAUNEE, MANITOWOC (except Schleswig),
MARINETTE(Wausaukee and area South thereof), OCONTO, MENOMINEE
(East of a line 6 miles West of the West boundary of Oconto
County), SHAWANO (Except Area North of Townships of Aniwa and
Hutchins) COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 42.00	23.93

ELEC0159-003 05/26/2024

COLUMBIA, DANE, DODGE (Area West of Hwy 26, except Chester and Emmet Townships), GREEN, LAKE (except Townships of Berlin, Seneca, and St. Marie), IOWA, MARQUETTE (except Townships of Neshkoka, Crystal Lake, Newton, and Springfield), and SAUK COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 48.55	25.91

ELEC0219-004 06/01/2019		

FLORENCE COUNTY (Townships of Aurora, Commonwealth, Fern, Florence and Homestead) AND MARINETTE COUNTY (Township of Niagara)

	Rates	Fringes
Electricians:		
Electrical contracts over \$180,000.....	\$ 33.94	21.80
Electrical contracts under \$180,000.....	\$ 31.75	21.73

ELEC0242-005 06/01/2025		

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 47.46	33.34

ELEC0388-002 06/01/2024		

ADAMS, CLARK (Colby, Freemont, Lynn, Mayville, Sherman, Sherwood, Unity), FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON, MARINETTE (Beecher, Dunbar, Goodman & Pembine), MENOMINEE (Area West of a line 6 miles West of the West boundary of Oconto County), ONEIDA, PORTAGE, SHAWANO (Aniwa and Hutchins), VILAS AND WOOD COUNTIES

	Rates	Fringes
Electricians:.....	\$ 40.19	26%+12.45

ELEC0430-002 06/01/2024		

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 48.50	26.25

ELEC0494-005 06/01/2025		

MILWAUKEE, OZAUCKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 50.86	28.26

ELEC0494-006 06/01/2025

CALUMET (Township of New Holstein), DODGE (East of Hwy 26 including Chester Township), FOND DU LAC, MANITOWOC (Schleswig), and SHEBOYGAN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 45.20	25.27

ELEC0577-003 06/01/2025

CALUMET (except Township of New Holstein), GREEN LAKE (N. part including Townships of Berlin, St Marie, and Seneca), MARQUETTE (N. part including Townships of Crystal Lake, Neshkoro, Newton, and Springfield), OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO COUNTIES

	Rates	Fringes
Electricians:.....	\$ 41.76	23.65

ELEC0890-003 06/01/2024

DODGE (Emmet Township only), GREEN, JEFFERSON, LAFAYETTE, RACINE (Burlington Township), ROCK AND WALWORTH COUNTIES

	Rates	Fringes
Electricians:.....	\$ 43.65	25.95%+12.26

ENGI0139-003 06/02/2025

REMAINING COUNTIES

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 50.53	27.89
Group 2.....	\$ 49.28	27.89
Group 3.....	\$ 45.73	27.89
Group 4.....	\$ 45.20	27.89
Group 5.....	\$ 43.13	27.89
Group 6.....	\$ 41.60	27.89

HAZARDOUS WASTE PREMIUMS:

EPA Level ""A"" Protection: \$3.00 per hour
EPA Level ""B"" Protection: \$2.00 per hour
EPA Level ""C"" Protection: \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, Tower Cranes and Derricks with or without attachments with a lifting capacity of over 100 tons;
Cranes, Tower Cranes, and Derricks with boom, leads and/or jib lengths 176 ft or longer.

GROUP 2: Backhoes (Excavators) weighing 130,00 lbs and over;
Cranes, Tower Cranes and Derricks with or without attachments with a lifting capacity of 100 tons or less;
Cranes, Tower Cranes, and Derricks with boom, leads, and/or jib lengths 175 ft or less; Caisson Rigs; Pile Driver

GROUP 3: Backhoes (Excavators) weighing under 130,000 lbs; Travelling Crane (bridge type); Milling Machine; Concrete Paver over 27 E; Concrete Spreader and Distributor; Concrete Laser Screed; Concrete Grinder and Planing Machine; Slipform Curb and Gutter Machine; Boring Machine (Directional); Dredge Operator; Skid Rigs; over 46 meter Concrete Pump.

GROUP 4: Hydraulic Backhoe (tractor or truck mounted); Hydraulic Crane, 10 tons or less; Tractor, Bulldozer, or End Loader (over 40 hp); Motor Patrol; Scraper Operator; Bituminous Plant and Paver Operator; Screed-Milling Machine; Roller over 5 tons; Concrete pumps 46 meter and under; Grout Pumps; Rotec type machine; Hydro Blaster, 10,000 psi and over; Rotary Drill Operator; Percussion Drilling Machine; Air Track Drill with or without integral hammer; Blaster; Boring Machine (vertical or horizontal); Side Boom; Trencher, wheel type or chain type having 8 inch or larger bucket; Rail Leveling Machine (Railroad); Tie Placer; Tie Extractor; Tie Tamper; Stone Leveler; Straddle Carrier; Material Hoists; Stack Hoist; Man Hoists; Mechanic and Welder; Off Road Material Haulers.

GROUP 5: Tractor, Bulldozer, or Endloader (under 40 hp); Tampers -Compactors, riding type; Stump Chipper, large; Roller, Rubber Tire; Backfiller; Trencher, chain type (bucket under 8 inch); Concrete Auto Breaker, large; Concrete Finishing Machine (road type); Concrete Batch Hopper; Concrete Conveyor Systems; Concrete Mixers, 14S or over; Pumps, Screw Type and Gypsum); Hydrohammers, small; Brooms and Sweepers; Lift Slab Machine; Roller under 5 tons; Industrial Locomotives; Fireman (Pile Drivers and Derricks); Pumps (well points); Hoists, automatic; A-Frames and Winch Trucks; Hoists (tuggers); Boats (Tug, Safety, Work Barges and Launches); Assistant Engineer

GROUP 6: Shouldering Machine Operator; Farm or Industrial Tractor mounted equipment; Post Hole Digger; Auger (vertical and horizontal); Skid Steer Loader with or without attachments; Robotic Tool Carrier with or without attachments; Power Pack Vibratory/Ultra Sound Driver and Extractor; Fireman (Asphalt Plants); Screed Operator; Stone Crushers and Screening Plants; Air, Electric, Hydraulic Jacks (Slip Form); Prestress Machines; Air Compressor, 400 CFM or over; Refrigeration Plant/Freeze Machine; Boiler Operators (temporary heat); Forklifts; Welding Machines; Generators; Pumps over 3"; Heaters, Mechanical; Combination small equipment operator; Winches, small electric; Oiler; Greaser; Rotary Drill Tender; Conveyor; Elevator Operator

ENGI0139-007 06/02/2025

DODGE, FOND DU LAC, JEFFERSON, KENOSHA, MILWAUKEE, OZAUKEE, RACINE, SHEBOYGAN, WALWORTH, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 47.19	28.15
Group 2.....	\$ 46.41	28.15
Group 3.....	\$ 45.46	28.15
Group 4.....	\$ 44.41	28.15

HAZARDOUS WASTE PREMIUMS:

EPA Level ""A"" Protection: \$3.00 per hour

EPA Level ""B"" Protection: \$2.00 per hour

EPA Level ""C"" Protection: \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, Tower Cranes, and Derricks with or without attachments, with a lifting capacity of over 100 tons; or Cranes, Tower Cranes, and Derricks with boom, leads, and/or jib lengths measuring 176 feet or longer; Backhoes (Excavators) 130,000 lbs and over; Caisson Rigs and Pile Drivers

GROUP 2: Cranes, Tower Cranes and Derricks with or without attachments with a lifting capacity of 100 tons or under; or Cranes, Tower Cranes, and Derricks with boom, lead, and/or jib lengths measuring 175 feet or under; Backhoes (Excavators) under 130,000 lbs; Skid Rigs; Dredge Operator: Traveling Crane (Bridge type); Concrete Paver over 27 E; Concrete Spreader and Distributor; Concrete Pumps and Boring Machines (directional)

GROUP 3: Material Hoists; Stack Hoists; Tractor or Truck mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane, 5 tons or under; Manhoist; Tractor over 40 hp; Bulldozer over 40 hp; Endloader over 40 hp; Forklift, 25 ft and over; Motor Patrol; Scraper Operator; Sideboom; Straddle Carrier; Mechanic and Welder; Bituminous Plant and Paver Operator; Roller over 5 tons; Percussion Drill Operator; Rotary Drill Operator; Blaster; Air Track Drill; Trencher (wheel type or chain type having over 8 inch bucket); Elevator; Milling Machine and Boring Machine (horizontal or vertical); Backhoe Mounted Compactor

GROUP 4: Backfiller; Concrete Auto Breaker (large); Concrete Finishing Machine (road type); Roller, Rubber Tire; Concrete Batch Hopper; Concrete Conveyor System; Concrete Mixers (145 or over); Screw type Pumps and Gypsum Pumps; Grout Pumps; Tractor, Bulldozer, End Loader, under 40 hp; Pumps (well points); Trencher (chain type 8 inch or smaller bucket); Industrial Locomotives; Roller under 5 tons; Fireman (Piledrivers and Derricks); Robotic Tool Carrier with or without attachments.

GROUP 5: Hoists (Automatic); Forklift, 12 ft to 25 ft; Tamper-Compactors, riding type; A-Frame and Winch Trucks; Concrete Auto Breaker; Hydrohammer, small; Brooms and Sweepers; Hoist (Tuggers); Stump Chipper, large; Boats (Tug, Safety, Work Barges and Launch); Shouldering Machine Operator; Screed Operator; Farm or Industrial Tractor; Post Hole Digger; Stone Crushers and Screening Plants; Firemen (Asphalt Plants); Air Compressor (400 CFM or over); Augers (vertical and horizontal); Generators, 150 KW and over; Air, Electric Hydraulic Jacks (Slipform); Prestress Machines; Skid Steer Loader with or without attachments; Boiler operators (temporary heat); Forklift, 12 ft and under; Screed Operator Milling Machine; Refrigeration Plant/Freeze Machine; Power Pack Vibratory/Ultra Sound Driver and Extractor; Generators under 150 KW; Combination small equipment operator; Compressors under 400 CFM; Welding Machines; Heaters, Mechanical; Pumps; Winches, Small Electric; Oiler and Greaser; Conveyor; High pressure

utility locating machine (daylighting machine).

IRON0008-002 06/01/2025

BROWN, CALUMET, DOOR, FOND DU LAC, KEWAUNEE, MANITOWOC,
MARINETTE, OCONTO, OUTAGAMI, SHAWANO, SHEBOYGAN, AND WINNEBAGO
COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 44.66	33.67

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor
Day, Thanksgiving Day & Christmas Day.

IRON0008-003 06/01/2025

KENOSHA, MILWAUKEE, OZAUCKEE, RACINE, WALWORTH (N.E. 2/3),
WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 47.52	33.67

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor
Day, Thanksgiving Day & Christmas Day.

IRON0383-001 06/01/2025

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST,
GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA,
JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON,
MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern
area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA,
WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 44.00	32.66

IRON0498-005 06/01/2025

GREEN (S.E. 1/3), ROCK (South of Edgerton and Milton), and
WALWORTH (S.W. 1/3) COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 48.74	49.65

IRON0512-008 05/01/2025

BARRON, BUFFALO, CHIPPEWA, CLARK, DUNN, EAU CLAIRE, JACKSON,
PEPIN, PIERCE, POLK, RUSK, ST CROIX, TAYLOR, AND TREMPLEAU
COUNTIES

	Rates	Fringes
--	-------	---------

IRONWORKER.....	\$ 46.35	36.86
-----------------	----------	-------

IRON0512-021 05/01/2025

ASHLAND, BAYFIELD, BURNETT, DOUGLAS, IRON, LINCOLN, ONEIDA,
PRICE, SAWYER, VILAS AND WASHBURN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 42.89	36.86

LAB00113-004 06/01/2025

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Laborers: (Open Cut)		
Group 1.....	\$ 19.99	24.42
Group 2.....	\$ 22.54	24.42
Group 3.....	\$ 26.53	24.42
Group 4.....	\$ 37.05	24.42
Group 5.....	\$ 37.23	24.42
Group 6.....	\$ 37.29	24.42
Group 7.....	\$ 41.62	24.42
Group 8.....	\$ 44.78	24.42
Group 9.....	\$ 45.51	24.42

LABORERS CLASSIFICATIONS [OPEN CUT]

GROUP 1: Yard Laborer

GROUP 2: Landscaper

GROUP 3: Flag Person

GROUP 4: Paving Laborer

GROUP 5: General Laborer on Surface; Top Man

GROUP 6: Mud Mixer

GROUP 7: Mucker; Form Stripper; Bottom Digger and Misc;
Bottom Man and Welder on Surface

GROUP 8: Concrete Manhole Builder; Caisson Worker; Miner;
Pipe Layer; Rock Driller and Joint Man; Timber Man and
Concrete Brusher; Bracer in Trench Behind Machine & Tight
Sheeting; Concrete Formsetter and Shoveler; Jackhammer
Operator

GROUP 9: Blaster

LAB00113-005 06/01/2025

SEWER, TUNNEL & UNDERGROUND

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
Laborers:		
Group 1.....	\$ 27.49	24.42

Group 2.....	\$ 34.17	24.42
Group 3.....	\$ 38.89	24.42
Group 4.....	\$ 40.88	24.42

TUNNEL WORK UNDER COMPRESSED AIR: 0-15 lbs add \$1.00, 15-30 lbs add \$2.00, over 30 lbs add \$3.00

LABORERS CLASSIFICATIONS

GROUP 1: Flagperson

GROUP 2: Top Man, General Laborer, Wellpoint Installation, Wire Mesh and Reinforcement, Concrete Worker, Form Stripper, Strike-off Work

GROUP 3: Machine and Equipment Operator, Sheeting, Form Setting, Patch Finisher, Bottom Man, Joint Sawyer, Gunnite Man, Manhole Builder, Welder-Torchman, Blaster, Caulker, Bracer, Bull Float, Conduit Worker, Mucker and Car Pusher, Raker and Luteman, Hydraulic Jacking of Shields, Shield Drivers, Mining Machine, Lock Tenders, Mucking Machine Operator, Motor Men & Gauge Tenders and operation of incidental Mechanical Equipment and all Power Driven Tools

GROUP 4: Pipelayer, Miner and Laser Operator

LAB00113-008 06/01/2025

MILWAUKEE, OZAUKEE, WASHINGTON & WAUKESHA COUNTIES

	Rates	Fringes
Laborers: (Tunnel-Free Air)		
Group 1.....	\$ 26.53	24.42
Group 2.....	\$ 37.23	24.42
Group 3.....	\$ 37.29	24.42
Group 4.....	\$ 41.62	24.42
Group 5.....	\$ 41.77	24.42
Group 6.....	\$ 44.78	24.42
Group 7.....	\$ 45.51	24.42

LABORERS CLASSIFICATIONS [TUNNEL - FREE AIR]:

GROUP 1: Flagperson

GROUP 2: General Laborer on surface; Tower Man

GROUP 3: Saw Man; Top Man

GROUP 4: Form Stripper; Car Pusher

GROUP 5: Mucker; Dinkey; Welder (rate on surface)

GROUP 6: Concrete Manhole Builder; Mucking Machine; Miner; Mining Machine; Welder; Rock Driller; Concrete Buster; Jack Hammer Operator; Caisson Worker; Pipelayer and Joint Man; Bracerman

GROUP 7: Blaster

* LAB00113-009 06/01/2025

MILWAUKEE, OZAUCKEE, WASHINGTON & WAUKESHA COUNTIES

	Rates	Fringes
Laborers: (Tunnel -		
*COMPRESSED AIR 0 - 15 lbs.)		
Group 1.....	\$ 26.53	24.42
Group 2.....	\$ 37.23	24.42
Group 3.....	\$ 42.22	24.42
Group 4.....	\$ 43.12	24.42
Group 5.....	\$ 43.27	24.42
Group 6.....	\$ 46.30	24.42
Group 7.....	\$ 46.99	24.42

LABORERS CLASSIFICATIONS [TUNNEL - COMPRESSED AIR]:

*Compressed Air 15 - 30 lbs add \$2.00 to all classifications

*Compressed Air over 30 lbs add \$3.00 to all classifications

GROUP 1: Flagperson

GROUP 2: General Laborer on surface

GROUP 3: Lock Tender on surface

GROUP 4: Form Stripper; Car Pusher

GROUP 5: Mucker; Dinkey

GROUP 6: Mucking Machine; Miner; Mining Machine; Welder &
Rock Driller; Lock Tender in tunnel; Concrete Buster; Jack
Hammer Operator; Caisson Worker; Pielayer and Joint Man;
Bracerman; Nozzle Man on Gunite; Timber Man; Concrete
Brusher

GROUP 7: Blaster

NOTE: Hazardous & Toxic Waste Removal: add \$0.15 per hour.

LAB00140-005 06/01/2025

ADAMS, ASHLAND, BARRON, BROWN, BUFFALO, CALUMET, CHIPPEWA,
CLARK, COLUMBIA, CRAWFORD, DODGE, DOOR, DUNN, EAU CLAIRE,
FLORENCE, FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA,
JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LACROSSE, LAFAYETTE,
LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE,
MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE,
POLK, PORTAGE, PRICE, RICHLAND, ROCK, RUSK, ST CROIX, SAUK,
SAWYER, SHAWANO, SHEBOYGAN, TAYLOR, TREMPPEALEAU, VERNON,
VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND
WOOD COUNTIES

	Rates	Fringes
LABORER (SEWER & WATER)		
Group 1.....	\$ 36.98	19.97
Group 2.....	\$ 38.83	19.97
Group 3.....	\$ 39.13	19.97
Group 4.....	\$ 39.78	19.97

FOR ALL TUNNEL WORK UNDER COMPRESSED AIR: 0-15 lbs add \$1.00,
15-30 lbs add \$2.00, over 30 lbs add \$3.00

LABORER CLASSIFICATIONS:

GROUP 1: Flagperson

GROUP 2: General Laborer, Wellpoint Installation; Form Stripper; Strike Off worker

GROUP 3: Sheeting Formsetting; Patch Finisher; Bottom Man; Joint Sawyer; Gunnite Man; Manhole Builder; Welder; Torchman; Blaster; Caulker Bracer; Bull Float; Mucker and Car Pusher; Raker and Luteman; Hydraulic jacking of shields, Shield Drivers; Mining Machine; Lock Tenders; Mucking Machine Operators; Motor Men and Gauge Tenders; Power Tool Operators

GROUP 4: Pipelayer, Miner, and Laser Operator

LAB00464-002 06/01/2025

DANE AND DOUGLAS COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 36.88	19.97
Group 2.....	\$ 39.08	19.97
Group 3.....	\$ 39.38	19.97
Group 4.....	\$ 40.03	19.97

FOR ALL TUNNEL WORK UNDER COMPRESSED AIR: 0 - 15 lbs add \$1.00, 15- 30 lbs add \$2.00, over 30 lbs add \$3.00

LABORERS CLASSIFICATIONS:

GROUP 1: Flagperson

GROUP 2: General Laborer; Wellpoint Installation; Concrete Worker; Form Stripper; Strike Off worker

GROUP 3: Sheeting Formsetting; Patch Finisher; Bottom Man; Joint Sawyer; Gunnite Man; Manhole Builder; Welder; Torchman; Blaster; Caulker Bracer; Bull Float; Mucker and Car Pusher; Raker and Luteman; Hydraulic jacking of shields, Shield Drivers; Mining Machine; Lock Tenders; Mucking Machine Operators; Motor Men and Gauge Tenders; Power Tool Operators

GROUP 4: Pipelayer, Miner, and Laser Operator

LAB01091-010 06/01/2025

BAYFIELD, BURNETT, IRON, SAWYER, AND WASHBURN COUNTIES

	Rates	Fringes
Laborers: (SEWER & WATER)		
Group 1.....	\$ 36.67	19.97
Group 2.....	\$ 38.73	19.97
Group 3.....	\$ 39.03	19.97
Group 4.....	\$ 39.68	19.97

FOR ALL TUNNEL WORK UNDER COMPRESSED AIR:

0 - 15 lbs add \$1.00, 15-30 lbs add \$2.00, over 30 lbs add \$3.00

LABORERS CLASSIFICATIONS:

GROUP 1: Flagperson

GROUP 2: Laborers, Wellpoint Installation; Form Stripper; Strike Off worker

GROUP 3: Sheeting Formsetting; Patch Finisher; Bottom Man; Joint Sawyer; Gunnite Man; Manhole Builder; Welder; Torchman; Blaster; Caulker Bracer; Bull Float; Mucker and Car Pusher; Raker and Luteman; Hydraulic jacking of shields, Shield Drivers; Mining Machine; Lock Tenders; Mucking Machine Operators; Motor Men and Gauge Tenders; Power Tool Operators

GROUP 4: Pipelayer, Miner, and Laser Operator

PLAS0599-002 06/01/2025

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
Area A.....	\$ 47.22	31.90
Area C.....	\$ 40.06	28.65
Area D.....	\$ 42.28	26.43
Area E.....	\$ 41.16	27.54
Area F.....	\$ 37.33	31.38

AREA DESCRIPTIONS:

AREA A: ASHLAND, BURNETT, BAYFIELD, DOUGLAS, IRON, PRICE, SAWYER, AND WASHBURN COUNTIES

AREA C: BUFFALO, CRAWFORD, EAU CLAIRE, JACKSON, JUNEAU, LA CROSSE, MONROE, PEPIN, PIERCE, RICHLAND, TREMPLEAU, AND VERNON COUNTIES

AREA D: MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

AREA E: DANE, GRANT, GREEN, IOWA, LAFAYETTE, AND ROCK COUNTIES

AREA F: KENOSHA AND RACINE COUNTIES

TEAM0039-001 06/01/2025

	Rates	Fringes
TRUCK DRIVER		
1 & 2 Axles.....	\$ 39.57	28.70
3 or more Axles; Euclids, Dumpton & Articulated, Truck Mechanic.....	\$ 39.72	28.70

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in

processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE:

UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

1) Has there been an initial decision in the matter? This can be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

=====

END OF GENERAL DECISION

NOTICE TO BIDDERS WAGE RATE DECISION

The wage rate decision of the Department of Labor which has been incorporated in these advertised specifications is incomplete in that the classifications may be omitted from the Department of Labor's decision.

Since the bidder is responsible, independently, for ascertaining area practice with respect to the necessity, or lack of necessity, for the use of these classifications in the prosecution of the work contemplated by this project, no inference may be drawn from the omission of these classifications concerning prevailing area practices relative to their use. Further, this omission will not, per se, be construed as establishing any governmental liability for increased labor cost if it is subsequently determined that such classifications are required.

There may be omissions and/or errors in the federal wage rates. The bidder is responsible for evaluating and determining the correct applicable rate.

If a project includes multiple types of construction (highway, bridge over navigable water, sanitary sewer and water main, building) and there is not a separate wage determination for this type of work included in the proposal, use the wage determination that is in the proposal.

If a project includes multiple types of construction, different wage rate determinations may be inserted into the contract (WI10/Highway = in all WisDOT highway contracts, WI15/Heavy = bridge over navigable water per USDOL and US Coast Guard designation, WI8/Heavy (Sewer & Water Line & Tunnel) = sanitary sewer and water main if the cost is more than 20% of the contract and/or at least \$1,000,000, and Building). If multiple wage rate determinations are inserted into the contract, use the classification in the wage determination for the work being done. Use WI15 wage rates when working on the bridge and/or structure from bank to bank. Use WI8 wage rates when working on any sanitary sewer or water main work. Use Building wage rates for all work done within the footprint of the building. Use WI10 wage rates for all other highway work in the contract and approaches to structures. For example, if a laborer is working within the footprint of a building, use the Laborer rate in the Building wage determination inserted in the contract. If a laborer is working on a bridge/structure within the banks, use the Laborer rate in the WI15/Heavy wage determination if inserted in the contract. If the laborer is working on the highway, use the Laborer rate in the WI10/Highway wage determination.



Proposal Schedule of Items

Page 1 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

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	201.0120 Clearing	110.000 ID	_____.	_____.
0004	201.0220 Grubbing	86.000 ID	_____.	_____.
0006	203.0100 Removing Small Pipe Culverts	1.000 EACH	_____.	_____.
0008	204.0100 Removing Concrete Pavement	86,198.000 SY	_____.	_____.
0010	204.0115 Removing Asphaltic Surface Butt Joints	179.000 SY	_____.	_____.
0012	204.0120 Removing Asphaltic Surface Milling	3,560.000 SY	_____.	_____.
0014	204.0130 Removing Curb	1,294.000 LF	_____.	_____.
0016	204.0150 Removing Curb & Gutter	2,864.000 LF	_____.	_____.
0018	204.0155 Removing Concrete Sidewalk	13,419.000 SY	_____.	_____.
0020	204.0170 Removing Fence	166.000 LF	_____.	_____.
0022	204.0195 Removing Concrete Bases	56.000 EACH	_____.	_____.
0024	204.0210 Removing Manholes	22.000 EACH	_____.	_____.
0026	204.0220 Removing Inlets	69.000 EACH	_____.	_____.
0028	204.0245 Removing Storm Sewer (size) 01. 12-Inch	719.000 LF	_____.	_____.
0030	204.0245 Removing Storm Sewer (size) 02. 15-Inch	858.000 LF	_____.	_____.



Proposal Schedule of Items

Page 2 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

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	204.0245 Removing Storm Sewer (size) 03. 18-Inch	445.000 LF	_____.	_____.
0034	204.0245 Removing Storm Sewer (size) 04. 24-Inch	312.000 LF	_____.	_____.
0036	204.0245 Removing Storm Sewer (size) 05. 27-Inch	1,227.000 LF	_____.	_____.
0038	204.0245 Removing Storm Sewer (size) 06. 30-Inch	506.000 LF	_____.	_____.
0040	204.0245 Removing Storm Sewer (size) 07. 36-Inch	259.000 LF	_____.	_____.
0042	204.0245 Removing Storm Sewer (size) 08. 60-Inch	111.000 LF	_____.	_____.
0044	204.0245 Removing Storm Sewer (size) 09. 2x6-FT Box Culvert	82.000 LF	_____.	_____.
0046	204.0245 Removing Storm Sewer (size) 10. 24-Inch x 38-Inch	150.000 LF	_____.	_____.
0048	204.0245 Removing Storm Sewer (size) 11. 34-Inch x 53-Inch	24.000 LF	_____.	_____.
0050	204.0246 Removing Ancillary Structure (structure) 01. S-56-8001-02	1.000 EACH	_____.	_____.
0052	204.0246 Removing Ancillary Structure (structure) 02. S-56-8001-06	1.000 EACH	_____.	_____.
0054	204.0246 Removing Ancillary Structure (structure) 03. S-56-8002-02	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 3 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0056	204.0246 Removing Ancillary Structure (structure) 04. S-56-8002-06	1.000 EACH	_____.	_____.
0058	204.0246 Removing Ancillary Structure (structure) 05. S-56-8003-02	1.000 EACH	_____.	_____.
0060	204.0246 Removing Ancillary Structure (structure) 06. S-56-5003-06	1.000 EACH	_____.	_____.
0062	204.0246 Removing Ancillary Structure (structure) 07. S-56-7	1.000 EACH	_____.	_____.
0064	204.0280 Sealing Pipes	2.000 EACH	_____.	_____.
0066	204.0291.S Abandoning Sewer	20.000 CY	_____.	_____.
0068	204.9060.S Removing (item description) 01. Traffic Signals (USH 12 & STH 13/16/23)	11.000 EACH	_____.	_____.
0070	204.9060.S Removing (item description) 02. Lighting System	1.000 EACH	_____.	_____.
0072	204.9060.S Removing (item description) 03. Traffic Signals (USH 12 & CTH A)	10.000 EACH	_____.	_____.
0074	204.9060.S Removing (item description) 04. Traffic Signals (USH 12 at Bonanza PHB)	3.000 EACH	_____.	_____.
0076	204.9060.S Removing (item description) 05. Traffic Signals (USH 12 at Olympus PHB)	1.000 EACH	_____.	_____.
0078	204.9060.S Removing (item description) 06. Traffic Signals (USH 12 & Lake Ave)	8.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 4 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0080	204.9060.S Removing (item description) 08. Traffic Signals (USH 12 at Newsom PHB)	2.000 EACH	_____.	_____.
0082	204.9060.S Removing (item description) 09. Bollard	15.000 EACH	_____.	_____.
0084	204.9060.S Removing (item description) 10. Curb Stops	9.000 EACH	_____.	_____.
0086	204.9060.S Removing (item description) 11. Lighting Unit	11.000 EACH	_____.	_____.
0088	204.9060.S Removing (item description) 12. Drainage Chamber	2.000 EACH	_____.	_____.
0090	204.9060.S Removing (item description) 13. Trash Recepticle	1.000 EACH	_____.	_____.
0092	204.9060.S Removing (item description) 14. Bench	2.000 EACH	_____.	_____.
0094	204.9090.S Removing (item description) 02. Existing Boulder Wall	913.000 LF	_____.	_____.
0096	204.9090.S Removing (item description) 03. Retaining Wall and Railing	4.000 LF	_____.	_____.
0098	204.9090.S Removing (item description) 04. Existing Block Retaining Wall	814.000 LF	_____.	_____.
0100	204.9090.S Removing (item description) 05. Existing Timber Retaining Wall	22.000 LF	_____.	_____.
0102	204.9090.S Removing (item description) 06. Existing Tie Wall	146.000 LF	_____.	_____.
0104	204.9090.S Removing (item description) 07. Railing	600.000 LF	_____.	_____.



Proposal Schedule of Items

Page 5 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0106	204.9090.S Removing (item description) 08. Decorative Fence and Concrete Pillars	109.000 LF	_____.	_____.
0108	204.9165.S Removing (item description) 01. Elevated Concrete Patio and Railing	592.000 SF	_____.	_____.
0110	204.9165.S Removing (item description) 02. Pavers	1,173.000 SF	_____.	_____.
0112	205.0100 Excavation Common	79,303.000 CY	_____.	_____.
0114	205.0200 Excavation Rock	263.000 CY	_____.	_____.
0116	213.0100 Finishing Roadway (project) 01. 6130- 01-72	1.000 EACH	_____.	_____.
0118	213.0100 Finishing Roadway (project) 02. 6145- 01-72	1.000 EACH	_____.	_____.
0120	213.0100 Finishing Roadway (project) 03. 6145- 01-73	1.000 EACH	_____.	_____.
0122	213.0100 Finishing Roadway (project) 04. 6145- 01-74	1.000 EACH	_____.	_____.
0124	305.0120 Base Aggregate Dense 1 1/4-Inch	51,317.000 TON	_____.	_____.
0126	311.0110 Breaker Run	873.000 TON	_____.	_____.
0128	405.0100 Coloring Concrete WisDOT Red	14.000 CY	_____.	_____.
0130	405.0200 Coloring Concrete Custom	1,580.000 CY	_____.	_____.
0132	415.0090 Concrete Pavement 9-Inch	766.000 SY	_____.	_____.



Proposal Schedule of Items

Page 6 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0134	415.0210 Concrete Pavement Gaps	47.000 EACH	_____	_____
0136	415.4100 Concrete Pavement Joint Filling	96,780.000 SY	_____	_____
0138	416.0610 Drilled Tie Bars	1,051.000 EACH	_____	_____
0140	416.0620 Drilled Dowel Bars	149.000 EACH	_____	_____
0142	450.4000 HMA Cold Weather Paving	618.000 TON	_____	_____
0144	455.0605 Tack Coat	351.000 GAL	_____	_____
0146	460.2000 Incentive Density HMA Pavement	550.000 DOL	1.00000	550.00
0148	460.6223 HMA Pavement 3 MT 58-28 S	492.000 TON	_____	_____
0150	460.6224 HMA Pavement 4 MT 58-28 S	383.000 TON	_____	_____
0152	465.0105 Asphaltic Surface	21.000 TON	_____	_____
0154	465.0120 Asphaltic Surface Driveways and Field Entrances	1,538.000 TON	_____	_____
0156	465.0125 Asphaltic Surface Temporary	3,240.000 TON	_____	_____
0158	465.0310 Asphaltic Curb	469.000 LF	_____	_____
0160	502.3200 Protective Surface Treatment	1,368.000 SY	_____	_____
0162	502.3210 Pigmented Surface Sealer	816.000 SY	_____	_____



Proposal Schedule of Items

Page 7 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0164	504.0500 Concrete Masonry Retaining Walls	743.000 CY	_____.	_____.
0166	505.0600 Bar Steel Reinforcement HS Coated Structures	91,990.000 LB	_____.	_____.
0168	509.1500 Concrete Surface Repair	15.000 SF	_____.	_____.
0170	513.2001 Railing Pipe	53.000 LF	_____.	_____.
0172	513.7016 Railing Steel Type C3	1,632.000 LF	_____.	_____.
0174	513.8016 Railing Steel Pedestrian Type C3	2,399.000 LF	_____.	_____.
0176	516.0500 Rubberized Membrane Waterproofing	57.000 SY	_____.	_____.
0178	517.1010.S Concrete Staining (structure) 01. R-56-0043	1,128.000 SF	_____.	_____.
0180	517.1050.S Architectural Surface Treatment (structure) 01. R-56-0045	2,378.000 SF	_____.	_____.
0182	517.1050.S Architectural Surface Treatment (structure) 02. R-56-0047	1,117.000 SF	_____.	_____.
0184	520.8000 Concrete Collars for Pipe	31.000 EACH	_____.	_____.
0186	522.2619 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	1.000 EACH	_____.	_____.
0188	531.2036 Drilling Shaft 36-Inch	40.000 LF	_____.	_____.



Proposal Schedule of Items

Page 8 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0190	531.5420 Foundation Single-Shaft Type TF-II (structure) 01. S-56-0031	2.000 EACH	_____.	_____.
0192	532.5420 Truss Full Span 2-Chord Type II (structure) 01. S-56-0031	1.000 EACH	_____.	_____.
0194	601.0110 Concrete Curb Type D	1,571.000 LF	_____.	_____.
0196	601.0405 Concrete Curb & Gutter 18-Inch Type A	18,950.000 LF	_____.	_____.
0198	601.0407 Concrete Curb & Gutter 18-Inch Type D	1,583.000 LF	_____.	_____.
0200	601.0409 Concrete Curb & Gutter 30-Inch Type A	13,356.000 LF	_____.	_____.
0202	601.0411 Concrete Curb & Gutter 30-Inch Type D	1,427.000 LF	_____.	_____.
0204	601.0413 Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type G	36.000 LF	_____.	_____.
0206	601.0555 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	107.000 LF	_____.	_____.
0208	601.0581 Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type R	149.000 LF	_____.	_____.
0210	601.0600 Concrete Curb Pedestrian	523.000 LF	_____.	_____.
0212	602.0410 Concrete Sidewalk 5-Inch	166,042.000 SF	_____.	_____.
0214	602.0415 Concrete Sidewalk 6-Inch	73,452.000 SF	_____.	_____.
0216	602.0505 Curb Ramp Detectable Warning Field Yellow	484.000 SF	_____.	_____.



Proposal Schedule of Items

Page 9 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0218	602.0515 Curb Ramp Detectable Warning Field Natural Patina	260.000 SF	_____.	_____.
0220	602.0605 Curb Ramp Detectable Warning Field Radial Yellow	221.000 SF	_____.	_____.
0222	602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina	83.000 SF	_____.	_____.
0224	602.0815 Concrete Driveway 7-Inch	2,246.000 SY	_____.	_____.
0226	602.1500 Concrete Steps	40.000 SF	_____.	_____.
0228	608.0005 Storm Sewer Rock Excavation	768.700 CY	_____.	_____.
0230	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	4,247.000 LF	_____.	_____.
0232	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	1,247.000 LF	_____.	_____.
0234	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	1,412.000 LF	_____.	_____.
0236	608.0321 Storm Sewer Pipe Reinforced Concrete Class III 21-Inch	44.000 LF	_____.	_____.
0238	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	4,433.000 LF	_____.	_____.
0240	608.0327 Storm Sewer Pipe Reinforced Concrete Class III 27-Inch	403.000 LF	_____.	_____.
0242	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	1,427.000 LF	_____.	_____.



Proposal Schedule of Items

Page 10 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0244	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	1,209.000 LF	_____.	_____.
0246	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	14.000 LF	_____.	_____.
0248	608.0354 Storm Sewer Pipe Reinforced Concrete Class III 54-Inch	434.000 LF	_____.	_____.
0250	608.0360 Storm Sewer Pipe Reinforced Concrete Class III 60-Inch	15.000 LF	_____.	_____.
0252	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	66.000 LF	_____.	_____.
0254	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	43.000 LF	_____.	_____.
0256	608.2319 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch	13.000 LF	_____.	_____.
0258	608.2324 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	60.000 LF	_____.	_____.
0260	608.2329 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch	8.000 LF	_____.	_____.
0262	608.2334 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 34x53-Inch	24.000 LF	_____.	_____.
0264	608.2424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	139.000 LF	_____.	_____.



Proposal Schedule of Items

Page 11 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0266	608.3024 Storm Sewer Pipe Class III-A 24-Inch	24.000 LF	_____.	_____.
0268	611.0420 Reconstructing Manholes	3.000 EACH	_____.	_____.
0270	611.0530 Manhole Covers Type J	71.000 EACH	_____.	_____.
0272	611.0600 Inlet Covers Type A	1.000 EACH	_____.	_____.
0274	611.0624 Inlet Covers Type H	91.000 EACH	_____.	_____.
0276	611.0639 Inlet Covers Type H-S	22.000 EACH	_____.	_____.
0278	611.0642 Inlet Covers Type MS	4.000 EACH	_____.	_____.
0280	611.0645 Inlet Covers Type MS-A	2.000 EACH	_____.	_____.
0282	611.0648 Inlet Covers Type R	2.000 EACH	_____.	_____.
0284	611.0651 Inlet Covers Type S	1.000 EACH	_____.	_____.
0286	611.0652 Inlet Covers Type T	1.000 EACH	_____.	_____.
0288	611.0666 Inlet Covers Type Z	51.000 EACH	_____.	_____.
0290	611.2004 Manholes 4-FT Diameter	14.000 EACH	_____.	_____.
0292	611.2005 Manholes 5-FT Diameter	43.000 EACH	_____.	_____.
0294	611.2006 Manholes 6-FT Diameter	10.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 12 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0296	611.2007 Manholes 7-FT Diameter	1.000 EACH	_____.	_____.
0298	611.2008 Manholes 8-FT Diameter	1.000 EACH	_____.	_____.
0300	611.2055 Manholes 5x5-FT	2.000 EACH	_____.	_____.
0302	611.2066 Manholes 6x6-FT	1.000 EACH	_____.	_____.
0304	611.3003 Inlets 3-FT Diameter	41.000 EACH	_____.	_____.
0306	611.3004 Inlets 4-FT Diameter	24.000 EACH	_____.	_____.
0308	611.3220 Inlets 2x2-FT	3.000 EACH	_____.	_____.
0310	611.3225 Inlets 2x2.5-FT	1.000 EACH	_____.	_____.
0312	611.3230 Inlets 2x3-FT	91.000 EACH	_____.	_____.
0314	611.3901 Inlets Median 1 Grate	6.000 EACH	_____.	_____.
0316	611.8110 Adjusting Manhole Covers	4.000 EACH	_____.	_____.
0318	611.8115 Adjusting Inlet Covers	11.000 EACH	_____.	_____.
0320	612.0204 Pipe Underdrain Unperforated 4-Inch	34.000 LF	_____.	_____.
0322	612.0206 Pipe Underdrain Unperforated 6-Inch	280.000 LF	_____.	_____.
0324	612.0212 Pipe Underdrain Unperforated 12-Inch	95.000 LF	_____.	_____.



Proposal Schedule of Items

Page 13 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0326	612.0218 Pipe Underdrain Unperforated 18-Inch	16.000 LF	_____	_____
0328	612.0406 Pipe Underdrain Wrapped 6-Inch	3,617.000 LF	_____	_____
0330	616.0204 Fence Chain Link 4-FT	164.000 LF	_____	_____
0332	616.0700.S Fence Safety	13,793.000 LF	_____	_____
0334	618.0100 Maintenance and Repair of Haul Roads (project) 01. 6130-01-72	1.000 EACH	_____	_____
0336	618.0100 Maintenance and Repair of Haul Roads (project) 02. 6145-01-72	1.000 EACH	_____	_____
0338	618.0100 Maintenance and Repair of Haul Roads (project) 03. 6145-01-73	1.000 EACH	_____	_____
0340	618.0100 Maintenance and Repair of Haul Roads (project) 04. 6145-01-74	1.000 EACH	_____	_____
0342	619.1000 Mobilization	1.000 EACH	_____	_____
0344	620.0100 Concrete Corrugated Median	40.000 SF	_____	_____
0346	620.0300 Concrete Median Sloped Nose	1,039.000 SF	_____	_____
0348	624.0100 Water	46.000 MGAL	_____	_____
0350	625.0100 Topsoil	33,099.000 SY	_____	_____
0352	628.1504 Silt Fence	3,046.000 LF	_____	_____



Proposal Schedule of Items

Page 14 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0354	628.1520 Silt Fence Maintenance	3,046.000 LF	_____	_____
0356	628.1905 Mobilizations Erosion Control	16.000 EACH	_____	_____
0358	628.1910 Mobilizations Emergency Erosion Control	32.000 EACH	_____	_____
0360	628.2006 Erosion Mat Urban Class I Type A	8,275.000 SY	_____	_____
0362	628.7005 Inlet Protection Type A	248.000 EACH	_____	_____
0364	628.7010 Inlet Protection Type B	22.000 EACH	_____	_____
0366	628.7015 Inlet Protection Type C	256.000 EACH	_____	_____
0368	628.7020 Inlet Protection Type D	67.000 EACH	_____	_____
0370	628.7504 Temporary Ditch Checks	20.000 LF	_____	_____
0372	628.7555 Culvert Pipe Checks	1.000 EACH	_____	_____
0374	628.7560 Tracking Pads	7.000 EACH	_____	_____
0376	629.0210 Fertilizer Type B	21.350 CWT	_____	_____
0378	630.0140 Seeding Mixture No. 40	595.370 LB	_____	_____
0380	630.0200 Seeding Temporary	224.000 LB	_____	_____
0382	630.0500 Seed Water	381.000 MGAL	_____	_____



Proposal Schedule of Items

Page 15 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0384	631.0300 Sod Water	372.000 MGAL	_____.	_____.
0386	631.1000 Sod Lawn	33,099.000 SY	_____.	_____.
0388	634.0614 Posts Wood 4x6-Inch X 14-FT	4.000 EACH	_____.	_____.
0390	634.0616 Posts Wood 4x6-Inch X 16-FT	7.000 EACH	_____.	_____.
0392	634.0618 Posts Wood 4x6-Inch X 18-FT	146.000 EACH	_____.	_____.
0394	634.0812 Posts Tubular Steel 2x2-Inch X 12-FT	8.000 EACH	_____.	_____.
0396	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	2.000 EACH	_____.	_____.
0398	637.2210 Signs Type II Reflective H	1,688.870 SF	_____.	_____.
0400	637.2220 Signs Type II Reflective SH	274.500 SF	_____.	_____.
0402	637.2230 Signs Type II Reflective F	98.330 SF	_____.	_____.
0404	638.2102 Moving Signs Type II	14.000 EACH	_____.	_____.
0406	638.2602 Removing Signs Type II	192.000 EACH	_____.	_____.
0408	638.3000 Removing Small Sign Supports	114.000 EACH	_____.	_____.
0410	642.5401 Field Office Type D	1.000 EACH	_____.	_____.
0412	643.0300 Traffic Control Drums	520,988.000 DAY	_____.	_____.



Proposal Schedule of Items

Page 16 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0414	643.0420 Traffic Control Barricades Type III	44,595.000 DAY	_____.	_____.
0416	643.0500 Traffic Control Flexible Tubular Marker Posts	226.000 EACH	_____.	_____.
0418	643.0600 Traffic Control Flexible Tubular Marker Bases	226.000 EACH	_____.	_____.
0420	643.0650 Traffic Control Channelizing Curb System	3,360.000 LF	_____.	_____.
0422	643.0705 Traffic Control Warning Lights Type A	89,190.000 DAY	_____.	_____.
0424	643.0715 Traffic Control Warning Lights Type C	10,920.000 DAY	_____.	_____.
0426	643.0810 Traffic Control Connected Arrow Boards	2,220.000 DAY	_____.	_____.
0428	643.0900 Traffic Control Signs	158,401.000 DAY	_____.	_____.
0430	643.1050 Traffic Control Signs PCMS	112.000 DAY	_____.	_____.
0432	643.1070 Traffic Control Cones 42-Inch	5,673.000 DAY	_____.	_____.
0434	643.1220 Traffic Control Connected Work Zone Start and End Location Markers	5,578.000 DAY	_____.	_____.
0436	643.3165 Temporary Marking Line Paint 6-Inch	40,020.000 LF	_____.	_____.
0438	643.3180 Temporary Marking Line Removable Tape 6-Inch	46,484.000 LF	_____.	_____.
0440	643.3265 Temporary Marking Line Paint 10-Inch	398.000 LF	_____.	_____.



Proposal Schedule of Items

Page 17 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0442	643.3280 Temporary Marking Line Removable Tape 10-Inch	1,936.000 LF	_____.	_____.
0444	643.3350 Temporary Marking Crosswalk Removable Tape 6-Inch	1,185.000 LF	_____.	_____.
0446	643.3805 Temporary Marking Stop Line Paint 18-Inch	76.000 LF	_____.	_____.
0448	643.3850 Temporary Marking Stop Line Removable Tape 18-Inch	131.000 LF	_____.	_____.
0450	643.3990 Temporary Marking Removable Mask Out Tape 12-Inch	84.000 LF	_____.	_____.
0452	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0454	644.1410 Temporary Pedestrian Surface Asphalt	1,421.000 SF	_____.	_____.
0456	644.1440 Temporary Pedestrian Surface Matting	1,421.000 SF	_____.	_____.
0458	644.1601 Temporary Pedestrian Curb Ramp	560.000 DAY	_____.	_____.
0460	644.1605 Temporary Pedestrian Detectable Warning Field	425.000 SF	_____.	_____.
0462	644.1810 Temporary Pedestrian Barricade	7,408.000 LF	_____.	_____.
0464	644.1900.S Temporary Audible Message Devices	224.000 DAY	_____.	_____.
0466	646.1020 Marking Line Epoxy 4-Inch	2,296.000 LF	_____.	_____.
0468	646.2020 Marking Line Epoxy 6-Inch	736.000 LF	_____.	_____.



Proposal Schedule of Items

Page 18 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0470	646.2025 Marking Line Grooved Black Epoxy 6-Inch	6,485.000 LF	_____.	_____.
0472	646.2040 Marking Line Grooved Wet Ref Epoxy 6-Inch	63,575.000 LF	_____.	_____.
0474	646.3020 Marking Line Epoxy 8-Inch	259.000 LF	_____.	_____.
0476	646.4020 Marking Line Epoxy 10-Inch	699.000 LF	_____.	_____.
0478	646.4040 Marking Line Grooved Wet Ref Epoxy 10-Inch	4,500.000 LF	_____.	_____.
0480	646.5020 Marking Arrow Epoxy	75.000 EACH	_____.	_____.
0482	646.5120 Marking Word Epoxy	10.000 EACH	_____.	_____.
0484	646.5220 Marking Symbol Epoxy	2.000 EACH	_____.	_____.
0486	646.6120 Marking Stop Line Epoxy 18-Inch	850.000 LF	_____.	_____.
0488	646.6466 Cold Weather Marking Epoxy 6-Inch	53,477.000 LF	_____.	_____.
0490	646.6470 Cold Weather Marking Epoxy 10-Inch	2,547.000 LF	_____.	_____.
0492	646.7120 Marking Diagonal Epoxy 12-Inch	553.000 LF	_____.	_____.
0494	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	3,447.000 LF	_____.	_____.
0496	646.8120 Marking Curb Epoxy	280.000 LF	_____.	_____.



Proposal Schedule of Items

Page 19 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0498	646.8220 Marking Island Nose Epoxy	33.000 EACH	_____.	_____.
0500	646.9000 Marking Removal Line 4-Inch	1,565.000 LF	_____.	_____.
0502	646.9100 Marking Removal Line 8-Inch	50.000 LF	_____.	_____.
0504	646.9200 Marking Removal Line Wide	75.000 LF	_____.	_____.
0506	646.9300 Marking Removal Special Marking	4.000 EACH	_____.	_____.
0508	650.4000 Construction Staking Storm Sewer	309.000 EACH	_____.	_____.
0510	650.4500 Construction Staking Subgrade	14,443.000 LF	_____.	_____.
0512	650.5500 Construction Staking Curb Gutter and Curb & Gutter	4,925.000 LF	_____.	_____.
0514	650.6501 Construction Staking Structure Layout (structure) 01. L01 - STA. 617+06	1.000 EACH	_____.	_____.
0516	650.6501 Construction Staking Structure Layout (structure) 02. L02 - STA. 618+16	1.000 EACH	_____.	_____.
0518	650.6501 Construction Staking Structure Layout (structure) 03. L03 - STA. 623+00	1.000 EACH	_____.	_____.
0520	650.6501 Construction Staking Structure Layout (structure) 04. L04 - STA. 633+90	1.000 EACH	_____.	_____.
0522	650.6501 Construction Staking Structure Layout (structure) 05. L05 - STA. 659+68	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 20 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0524	650.6501 Construction Staking Structure Layout (structure) 06. R-56-38	1.000 EACH	_____.	_____.
0526	650.6501 Construction Staking Structure Layout (structure) 07. R-56-39	1.000 EACH	_____.	_____.
0528	650.6501 Construction Staking Structure Layout (structure) 08. R-56-41	1.000 EACH	_____.	_____.
0530	650.6501 Construction Staking Structure Layout (structure) 09. R-56-43	1.000 EACH	_____.	_____.
0532	650.6501 Construction Staking Structure Layout (structure) 10. R-56-44	1.000 EACH	_____.	_____.
0534	650.6501 Construction Staking Structure Layout (structure) 11. R-56-45	1.000 EACH	_____.	_____.
0536	650.6501 Construction Staking Structure Layout (structure) 12. R-56-46	1.000 EACH	_____.	_____.
0538	650.6501 Construction Staking Structure Layout (structure) 13. R-56-47	1.000 EACH	_____.	_____.
0540	650.6501 Construction Staking Structure Layout (structure) 14. R-56-48	1.000 EACH	_____.	_____.
0542	650.7000 Construction Staking Concrete Pavement	14,443.000 LF	_____.	_____.
0544	650.8501 Construction Staking Electrical Installations (project) 01. 6130-01-72	1.000 EACH	_____.	_____.
0546	650.8501 Construction Staking Electrical Installations (project) 02. 6145-01-72	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 21 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0548	650.8501 Construction Staking Electrical Installations (project) 03. 6145-01-73	1.000 EACH	_____.	_____.
0550	650.8501 Construction Staking Electrical Installations (project) 04. 6145-01-74	1.000 EACH	_____.	_____.
0552	650.9000 Construction Staking Curb Ramps	79.000 EACH	_____.	_____.
0554	650.9500 Construction Staking Sidewalk (project) 01. 6145-01-72	1.000 EACH	_____.	_____.
0556	650.9500 Construction Staking Sidewalk (project) 02. 6145-01-73	1.000 EACH	_____.	_____.
0558	650.9500 Construction Staking Sidewalk (project) 03. 6145-01-74	1.000 EACH	_____.	_____.
0560	650.9911 Construction Staking Supplemental Control (project) 01. 6130-01-72	1.000 EACH	_____.	_____.
0562	650.9911 Construction Staking Supplemental Control (project) 02. 6145-01-72	1.000 EACH	_____.	_____.
0564	650.9911 Construction Staking Supplemental Control (project) 03. 6145-01-73	1.000 EACH	_____.	_____.
0566	650.9911 Construction Staking Supplemental Control (project) 04. 6145-01-74	1.000 EACH	_____.	_____.
0568	650.9920 Construction Staking Slope Stakes	13,794.000 LF	_____.	_____.
0570	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	31,629.000 LF	_____.	_____.



Proposal Schedule of Items

Page 22 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0572	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	5,871.000 LF	_____.	_____.
0574	652.0240 Conduit Rigid Nonmetallic Schedule 40 4-Inch	1,165.000 LF	_____.	_____.
0576	652.0800 Conduit Loop Detector	978.000 LF	_____.	_____.
0578	653.0135 Pull Boxes Steel 24x36-Inch	60.000 EACH	_____.	_____.
0580	653.0164 Pull Boxes Non-Conductive 24x42-Inch	63.000 EACH	_____.	_____.
0582	653.0905 Removing Pull Boxes	65.000 EACH	_____.	_____.
0584	654.0101 Concrete Bases Type 1	29.000 EACH	_____.	_____.
0586	654.0102 Concrete Bases Type 2	110.000 EACH	_____.	_____.
0588	654.0105 Concrete Bases Type 5	4.000 EACH	_____.	_____.
0590	654.0110 Concrete Bases Type 10	13.000 EACH	_____.	_____.
0592	654.0113 Concrete Bases Type 13	5.000 EACH	_____.	_____.
0594	654.0120 Concrete Bases Type 10-Special	7.000 EACH	_____.	_____.
0596	654.0217 Concrete Control Cabinet Bases Type 9 Special	8.000 EACH	_____.	_____.
0598	654.0230 Concrete Control Cabinet Bases Type L30	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 23 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0600	655.0210 Cable Traffic Signal 3-14 AWG	630.000 LF	_____.	_____.
0602	655.0230 Cable Traffic Signal 5-14 AWG	7,035.000 LF	_____.	_____.
0604	655.0240 Cable Traffic Signal 7-14 AWG	3,083.000 LF	_____.	_____.
0606	655.0250 Cable Traffic Signal 9-14 AWG	176.000 LF	_____.	_____.
0608	655.0260 Cable Traffic Signal 12-14 AWG	3,271.000 LF	_____.	_____.
0610	655.0305 Cable Type UF 2-12 AWG Grounded	3,734.000 LF	_____.	_____.
0612	655.0510 Electrical Wire Traffic Signals 12 AWG	12,412.000 LF	_____.	_____.
0614	655.0515 Electrical Wire Traffic Signals 10 AWG	7,163.000 LF	_____.	_____.
0616	655.0610 Electrical Wire Lighting 12 AWG	26,904.000 LF	_____.	_____.
0618	655.0625 Electrical Wire Lighting 6 AWG	2,055.000 LF	_____.	_____.
0620	655.0630 Electrical Wire Lighting 4 AWG	163,569.000 LF	_____.	_____.
0622	655.0700 Loop Detector Lead In Cable	13,523.000 LF	_____.	_____.
0624	655.0800 Loop Detector Wire	3,094.000 LF	_____.	_____.
0626	656.0201 Electrical Service Meter Breaker Pedestal (location) 01. USH 12 & STH 13/16/23	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 24 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0628	656.0201 Electrical Service Meter Breaker Pedestal (location) 02. USH 12 & DellShire Dr	1.000 EACH	_____.	_____.
0630	656.0201 Electrical Service Meter Breaker Pedestal (location) 03. USH 12 & CTH A	1.000 EACH	_____.	_____.
0632	656.0201 Electrical Service Meter Breaker Pedestal (location) 04. USH 12 at Bonanza PHB	1.000 EACH	_____.	_____.
0634	656.0201 Electrical Service Meter Breaker Pedestal (location) 05. USH 12 & Olympus Dr	1.000 EACH	_____.	_____.
0636	656.0201 Electrical Service Meter Breaker Pedestal (location) 06. USH 12 & Lake Ave	1.000 EACH	_____.	_____.
0638	656.0201 Electrical Service Meter Breaker Pedestal (location) 07. USH 12 at Hiawatha PHB	1.000 EACH	_____.	_____.
0640	656.0201 Electrical Service Meter Breaker Pedestal (location) 08. USH 12 at Newsom PHB	1.000 EACH	_____.	_____.
0642	656.0201 Electrical Service Meter Breaker Pedestal (location) 09. Village Lighting	1.000 EACH	_____.	_____.
0644	656.0201 Electrical Service Meter Breaker Pedestal (location) 10. Village Lighting	1.000 EACH	_____.	_____.
0646	656.0201 Electrical Service Meter Breaker Pedestal (location) 11. City Lighting	2.000 EACH	_____.	_____.
0648	657.0100 Pedestal Bases	29.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 25 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0650	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	110.000 EACH	_____.	_____.
0652	657.0315 Poles Type 4	7.000 EACH	_____.	_____.
0654	657.0345 Poles Type 9	1.000 EACH	_____.	_____.
0656	657.0350 Poles Type 10	12.000 EACH	_____.	_____.
0658	657.0352 Poles Type 10-Special	7.000 EACH	_____.	_____.
0660	657.0360 Poles Type 13	5.000 EACH	_____.	_____.
0662	657.0420 Traffic Signal Standards Aluminum 13-FT	7.000 EACH	_____.	_____.
0664	657.0425 Traffic Signal Standards Aluminum 15-FT	6.000 EACH	_____.	_____.
0666	657.0430 Traffic Signal Standards Aluminum 10-FT	16.000 EACH	_____.	_____.
0668	657.0515 Monotube Arms 15-FT	1.000 EACH	_____.	_____.
0670	657.0520 Monotube Arms 20-FT	1.000 EACH	_____.	_____.
0672	657.0525 Monotube Arms 25-FT	5.000 EACH	_____.	_____.
0674	657.0530 Monotube Arms 30-FT	6.000 EACH	_____.	_____.
0676	657.0536 Monotube Arms 35-FT-Special	1.000 EACH	_____.	_____.
0678	657.0541 Monotube Arms 40-FT-Special	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 26 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0680	657.0546 Monotube Arms 45-FT-Special	2.000 EACH	_____.	_____.
0682	657.0550 Monotube Arms 50-FT	2.000 EACH	_____.	_____.
0684	657.0555 Monotube Arms 55-FT	3.000 EACH	_____.	_____.
0686	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	7.000 EACH	_____.	_____.
0688	657.0635 Luminaire Arms Single Member 6-Inch Clamp 10-FT	103.000 EACH	_____.	_____.
0690	657.0709 Luminaire Arms Truss Type 4-Inch Clamp 12-FT	3.000 EACH	_____.	_____.
0692	657.0815 Luminaire Arms Steel 15-FT	26.000 EACH	_____.	_____.
0694	658.0173 Traffic Signal Face 3S 12-Inch	69.000 EACH	_____.	_____.
0696	658.0174 Traffic Signal Face 4S 12-Inch	20.000 EACH	_____.	_____.
0698	658.0416 Pedestrian Signal Face 16-Inch	42.000 EACH	_____.	_____.
0700	658.5070 Signal Mounting Hardware (location) 01. USH 12 & STH 13/16/23	1.000 EACH	_____.	_____.
0702	658.5070 Signal Mounting Hardware (location) 02. USH 12 & DellShire Dr	1.000 EACH	_____.	_____.
0704	658.5070 Signal Mounting Hardware (location) 03. USH 12 & CTH A	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 27 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0706	658.5070 Signal Mounting Hardware (location) 04. USH 12 at Bonanza PHB	1.000 EACH	_____.	_____.
0708	658.5070 Signal Mounting Hardware (location) 05. USH 12 & Olympus Dr	1.000 EACH	_____.	_____.
0710	658.5070 Signal Mounting Hardware (location) 06. USH 12 & Lake Avenue	1.000 EACH	_____.	_____.
0712	658.5070 Signal Mounting Hardware (location) 07. USH 12 at Hiawatha PHB	1.000 EACH	_____.	_____.
0714	658.5070 Signal Mounting Hardware (location) 08. USH 12 at Newsom PHB	1.000 EACH	_____.	_____.
0716	659.1125 Luminaires Utility LED C	36.000 EACH	_____.	_____.
0718	659.2130 Lighting Control Cabinets 120/240 30-Inch	4.000 EACH	_____.	_____.
0720	659.5000.S Lamp, Ballast, LED, Switch Disposal by Contractor	95.000 EACH	_____.	_____.
0722	661.0201 Temporary Traffic Signals for Intersections (location) 01. USH 12 & STH 13/16/23	1.000 EACH	_____.	_____.
0724	661.0201 Temporary Traffic Signals for Intersections (location) 03. USH 12 & CTH A	1.000 EACH	_____.	_____.
0726	661.0201 Temporary Traffic Signals for Intersections (location) 05. USH 12 & Olympus Dr	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 28 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0728	661.0201 Temporary Traffic Signals for Intersections (location) 06. USH 12 & Lake Ave	1.000 EACH	_____.	_____.
0730	670.0101 Field System Integrator	2.000 EACH	_____.	_____.
0732	670.0201 ITS Documentation	2.000 EACH	_____.	_____.
0734	671.0122 Conduit HDPE 2-Duct 2-Inch	11,824.000 LF	_____.	_____.
0736	673.0110 Communication Vault Type Round	10.000 EACH	_____.	_____.
0738	674.0300 Remove Cable	1,349.000 LF	_____.	_____.
0740	678.0006 Install Fiber Optic Cable Outdoor Plant 6-CT	2,142.000 LF	_____.	_____.
0742	678.0024 Install Fiber Optic Cable Outdoor Plant 24-CT	13,172.000 LF	_____.	_____.
0744	678.0200 Fiber Optic Splice Enclosure	8.000 EACH	_____.	_____.
0746	678.0300 Fiber Optic Splice	32.000 EACH	_____.	_____.
0748	678.0400 Fiber Optic Termination	12.000 EACH	_____.	_____.
0750	678.0501 Communication System Testing	2.000 EACH	_____.	_____.
0752	678.0600 Install Ethernet Switches	8.000 EACH	_____.	_____.
0754	680.0100 Public Land Reference Monument Verify and Reset	85.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 29 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0756	690.0150 Sawing Asphalt	9,590.000 LF	_____.	_____.
0758	690.0250 Sawing Concrete	13,920.000 LF	_____.	_____.
0760	715.0502 Incentive Strength Concrete Structures	4,598.000 DOL	1.00000	4,598.00
0762	715.0715 Incentive Flexural Strength Concrete Pavement	26,006.000 DOL	1.00000	26,006.00
0764	740.0440 Incentive IRI Ride	24,525.000 DOL	1.00000	24,525.00
0766	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,100.000 HRS	5.00000	10,500.00
0768	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	6,480.000 HRS	5.00000	32,400.00
0770	SPV.0035 Special 001. Concrete Masonry Parapet and Anchor Slab	415.000 CY	_____.	_____.
0772	SPV.0035 Special 002. Concrete Anchor Slab	131.000 CY	_____.	_____.
0774	SPV.0035 Special 003. Lightweight Foamed Concrete Fill	140.000 CY	_____.	_____.
0776	SPV.0035 Special 004. VLD Rock Excavation	790.000 CY	_____.	_____.
0778	SPV.0035 Special 005. VLD Abandon Ex. Sanitary Sewer and Laterals	20.000 CY	_____.	_____.
0780	SPV.0035 Special 007. CWD Rock Excavation Sanitary Sewer	2,190.000 CY	_____.	_____.



Proposal Schedule of Items

Page 30 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0782	SPV.0035 Special 008. CWD Abandon Existing Sanitary Sewer, CLSM	28.000 CY	_____.	_____.
0784	SPV.0035 Special 009. CWD Rock Excavation Water Main	599.000 CY	_____.	_____.
0786	SPV.0035 Special 010. Concrete Retaining Stair and Footing	22.000 CY	_____.	_____.
0788	SPV.0060 Special 001. Storm Sewer Pipe Class III 60-Inch Diameter 45 Degree Elbow	1.000 EACH	_____.	_____.
0790	SPV.0060 Special 002. Storm Sewer Pipe Class III-A 24-Inch Diameter 45 Degree Elbow	2.000 EACH	_____.	_____.
0792	SPV.0060 Special 003. Double Inlets	67.000 EACH	_____.	_____.
0794	SPV.0060 Special 004. Inlet Covers Type SP	67.000 EACH	_____.	_____.
0796	SPV.0060 Special 005. Storm Sewer Manhole 15-FT X 4-FT	2.000 EACH	_____.	_____.
0798	SPV.0060 Special 006. Storm Sewer Manhole 7-FT X 3-FT	1.000 EACH	_____.	_____.
0800	SPV.0060 Special 007. Temporary Pipe Connection 12-Inch	11.000 EACH	_____.	_____.
0802	SPV.0060 Special 008. Temporary Pipe Connection 18-Inch	3.000 EACH	_____.	_____.
0804	SPV.0060 Special 009. Temporary Pipe Connection 24-Inch	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 31 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0806	SPV.0060 Special 010. Temporary Pipe Connection 30-Inch	3.000 EACH	_____.	_____.
0808	SPV.0060 Special 011. Temporary Rectangular Rapid Flashing Beacon (USH 12 at Olympus Dr)	1.000 EACH	_____.	_____.
0810	SPV.0060 Special 012. Accessible Pedestrian Signals	42.000 EACH	_____.	_____.
0812	SPV.0060 Special 013. Luminaire Utility LED D (Type 4)	103.000 EACH	_____.	_____.
0814	SPV.0060 Special 014. Luminaire Utility LED A (Type 2)	96.000 EACH	_____.	_____.
0816	SPV.0060 Special 015. 30-FT Decorative Light Pole (Type 5)	103.000 EACH	_____.	_____.
0818	SPV.0060 Special 016. Relocate Lighting Unit	4.000 EACH	_____.	_____.
0820	SPV.0060 Special 017. Luminaire Arm Member 6-Inch Long	96.000 EACH	_____.	_____.
0822	SPV.0060 Special 018. Utility Line Opening	60.000 EACH	_____.	_____.
0824	SPV.0060 Special 019. VLD Remove Existing Water Manhole and Valve	1.000 EACH	_____.	_____.
0826	SPV.0060 Special 020. VLD Remove Ex. Sanitary Sewer Manhole	39.000 EACH	_____.	_____.
0828	SPV.0060 Special 021. VLD 48-Inch Sanitary Manhole	39.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 32 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0830	SPV.0060 Special 022. VLD 48-Inch Sanitary Manhole w/External Drop, Complete	6.000 EACH	_____.	_____.
0832	SPV.0060 Special 023. VLD Connect to Ex. Sanitary Sewer Pipe	48.000 EACH	_____.	_____.
0834	SPV.0060 Special 024. VLD Connect to Ex. Sanitary Sewer Manhole	4.000 EACH	_____.	_____.
0836	SPV.0060 Special 025. VLD Adjust Manhole Casting < 6-Inches	12.000 EACH	_____.	_____.
0838	SPV.0060 Special 026. VLD Adjust Manhole Casting - 6-Inches to 1-Foot	4.000 EACH	_____.	_____.
0840	SPV.0060 Special 027. VLD Adjust Manhole Casting > 1-Foot	1.000 EACH	_____.	_____.
0842	SPV.0060 Special 028. VLD Adjust and Waterproof Manhole Casting	2.000 EACH	_____.	_____.
0844	SPV.0060 Special 029. VLD Adjust Manhole Casting via Mr. Manhole	3.000 EACH	_____.	_____.
0846	SPV.0060 Special 030. VLD Remove Existing Service	3.000 EACH	_____.	_____.
0848	SPV.0060 Special 031. VLD Hydrant, Complete	29.000 EACH	_____.	_____.
0850	SPV.0060 Special 032. VLD Remove & Salvage Existing Hydrant	28.000 EACH	_____.	_____.
0852	SPV.0060 Special 033. VLD Remove & Salvage Existing Valve and Box	18.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 33 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0854	SPV.0060 Special 034. VLD Remove & Salvage Existing Curb Stop Box	5.000 EACH	_____.	_____.
0856	SPV.0060 Special 035. VLD Adjust Ex. Hydrant	1.000 EACH	_____.	_____.
0858	SPV.0060 Special 036. VLD Adjust Ex. Water Valve < 6-Inches	81.000 EACH	_____.	_____.
0860	SPV.0060 Special 037. VLD Adjust Ex. Water Valve - 6-Inches to 1-Foot	7.000 EACH	_____.	_____.
0862	SPV.0060 Special 038. VLD Adjust Ex. Water Valve > 1-Foot	2.000 EACH	_____.	_____.
0864	SPV.0060 Special 039. VLD Adjust Ex. Curb Stop < 6-Inches	5.000 EACH	_____.	_____.
0866	SPV.0060 Special 040. VLD Adjust Ex. Curb Stop - 6-Inches to 1-Foot	3.000 EACH	_____.	_____.
0868	SPV.0060 Special 041. VLD Adjust Ex. Curb Stop > 1-Foot	3.000 EACH	_____.	_____.
0870	SPV.0060 Special 042. VLD 4- Inch Valve and Box, Ductile Iron	1.000 EACH	_____.	_____.
0872	SPV.0060 Special 043. VLD 6-Inch Valve and Box, Ductile Iron	14.000 EACH	_____.	_____.
0874	SPV.0060 Special 044. VLD 8-Inch Valve and Box, Ductile Iron	3.000 EACH	_____.	_____.
0876	SPV.0060 Special 045. VLD 12-Inch Valve and Box, Ductile Iron	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 34 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0878	SPV.0060 Special 046. VLD 45-Degree, 4-Inch Bend, Ductile Iron	1.000 EACH	_____.	_____.
0880	SPV.0060 Special 047. VLD 22.5 Degree, 6-Inch Bend, Ductile Iron	1.000 EACH	_____.	_____.
0882	SPV.0060 Special 047. VLD 22.5-Degree, 6-Inch Bend, Ductile Iron	2.000 EACH	_____.	_____.
0884	SPV.0060 Special 048. VLD 45-Degree, 6-Inch Bend, Ductile Iron	22.000 EACH	_____.	_____.
0886	SPV.0060 Special 049. VLD 90-Degree, 6-Inch Bend, Ductile Iron	6.000 EACH	_____.	_____.
0888	SPV.0060 Special 050. VLD 22.5-Degree, 8-Inch Bend, Ductile Iron	1.000 EACH	_____.	_____.
0890	SPV.0060 Special 051. VLD 45-Degree, 8-Inch Bend, Ductile Iron	8.000 EACH	_____.	_____.
0892	SPV.0060 Special 052. VLD 45-Degree, 12-Inch Bend, Ductile Iron	5.000 EACH	_____.	_____.
0894	SPV.0060 Special 053. VLD Connect to Ex. Watermain	31.000 EACH	_____.	_____.
0896	SPV.0060 Special 054. VLD Abandon Ex. Water Service at Main & Plug	2.000 EACH	_____.	_____.
0898	SPV.0060 Special 055. VLD Exploratory Excavation	5.000 EACH	_____.	_____.
0900	SPV.0060 Special 056. VLD Abandon Ex. Hydrant Lead at Tee & Plug	9.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 35 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0902	SPV.0060 Special 057. VLD Abandon Ex. Corp. Valve at Main, and Curb Stop & Box	6.000 EACH	_____.	_____.
0904	SPV.0060 Special 058. VLD 12-Inch X 6-Inch Tapping Sleeve, Live Tap	3.000 EACH	_____.	_____.
0906	SPV.0060 Special 059. VLD 2-Inch Corporation Valve	1.000 EACH	_____.	_____.
0908	SPV.0060 Special 060. VLD 1-Inch Curb Stop and Box	1.000 EACH	_____.	_____.
0910	SPV.0060 Special 061. VLD 2-Inch Curb Stop and Box	3.000 EACH	_____.	_____.
0912	SPV.0060 Special 062. VLD Connect to Ex. Water Service	2.000 EACH	_____.	_____.
0914	SPV.0060 Special 063. VLD 8-Inch X 6-Inch Tee	3.000 EACH	_____.	_____.
0916	SPV.0060 Special 064. VLD 6-Inch X 6-Inch Tee	1.000 EACH	_____.	_____.
0918	SPV.0060 Special 065. VLD 12-Inch X 6-Inch Reducer	2.000 EACH	_____.	_____.
0920	SPV.0060 Special 066. VLD 8-Inch Plug	1.000 EACH	_____.	_____.
0922	SPV.0060 Special 067. VLD 4-Foot Bollard, 6-Inch Diameter with Concrete Base	2.000 EACH	_____.	_____.
0924	SPV.0060 Special 068. VLD 12-Inch X 6-Inch Tee	1.000 EACH	_____.	_____.
0926	SPV.0060 Special 069. VLD 12-Inch X 4-Inch Tee	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 36 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0928	SPV.0060 Special 070. VLD 12-Inch X 8-Inch Tee	1.000 EACH	_____.	_____.
0930	SPV.0060 Special 071. CWD Construction Staking Sanitary Sewer	1.000 EACH	_____.	_____.
0932	SPV.0060 Special 072. CWD Construction Staking Water Main	1.000 EACH	_____.	_____.
0934	SPV.0060 Special 073. CWD Abandon Existing Sanitary Manhole	6.000 EACH	_____.	_____.
0936	SPV.0060 Special 074. CWD Abandon Existing Sanitary Sewer	9.000 EACH	_____.	_____.
0938	SPV.0060 Special 075. CWD Saniary Sewer Manhole	23.000 EACH	_____.	_____.
0940	SPV.0060 Special 076. CWD Sanitary Sewer Manhole, Outside Drop	2.000 EACH	_____.	_____.
0942	SPV.0060 Special 077. CWD Adjust Existing Sanitary Manhole	14.000 EACH	_____.	_____.
0944	SPV.0060 Special 078. CWD Connect To Existing Sanitary Sewer Manhole	4.000 EACH	_____.	_____.
0946	SPV.0060 Special 079. CWD Connect To Existing Sanitary Sewer	11.000 EACH	_____.	_____.
0948	SPV.0060 Special 080. CWD Sanitary Sewer Wye 8-Inch X 6-Inch w/Tracer Wire & Terminal	2.000 EACH	_____.	_____.
0950	SPV.0060 Special 081. CWD Remove Existing Hydrant Assembly	5.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 37 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0952	SPV.0060 Special 082. CWD Remove Existing Valve Box	7.000 EACH	_____.	_____.
0954	SPV.0060 Special 083. CWD Abandon Existing Water Main	7.000 EACH	_____.	_____.
0956	SPV.0060 Special 084. CWD Hydrant	8.000 EACH	_____.	_____.
0958	SPV.0060 Special 085. CWD Valve & Box 12-Inch	25.000 EACH	_____.	_____.
0960	SPV.0060 Special 086. CWD Valve & Box 8-Inch	5.000 EACH	_____.	_____.
0962	SPV.0060 Special 087. CWD Valve & Box 6-Inch	8.000 EACH	_____.	_____.
0964	SPV.0060 Special 088. CWD Cross 12-Inch X 6-Inch X 12-Inch X 12-Inch	2.000 EACH	_____.	_____.
0966	SPV.0060 Special 089. CWD Tee 12-Inch X 12-Inch X 12-Inch	8.000 EACH	_____.	_____.
0968	SPV.0060 Special 090. CWD Tee 12-Inch X 6-Inch X 12-Inch	3.000 EACH	_____.	_____.
0970	SPV.0060 Special 091. CWD Tee 8-Inch X 12-Inch X 8-Inch	2.000 EACH	_____.	_____.
0972	SPV.0060 Special 092. CWD Tee 8-Inch X 8-Inch X 8-Inch	1.000 EACH	_____.	_____.
0974	SPV.0060 Special 093. CWD Tee 8-Inch X 6-Inch X 8-Inch	1.000 EACH	_____.	_____.
0976	SPV.0060 Special 094. CWD Bend 12-Inch	14.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 38 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0978	SPV.0060 Special 095. CWD Bend 8-Inch	12.000 EACH	_____.	_____.
0980	SPV.0060 Special 096. CWD Bend 6-Inch	2.000 EACH	_____.	_____.
0982	SPV.0060 Special 097. CWD Reducer 12-Inch X 8-Inch	2.000 EACH	_____.	_____.
0984	SPV.0060 Special 098. CWD Reducer 12-Inch X 6-Inch	3.000 EACH	_____.	_____.
0986	SPV.0060 Special 099. CWD Plug, 12-Inch	1.000 EACH	_____.	_____.
0988	SPV.0060 Special 100. CWD Corporation, Curb Stop, Box & Reconnect 1-Inch	3.000 EACH	_____.	_____.
0990	SPV.0060 Special 101. CWD Connect to Existing Water Main	14.000 EACH	_____.	_____.
0992	SPV.0060 Special 102. CWD Manhole Adjustment Via Mr. Manhole	5.000 EACH	_____.	_____.
0994	SPV.0060 Special 103. Removing Billboard Sign and Sign Structure	2.000 EACH	_____.	_____.
0996	SPV.0060 Special 104. Remove, Salvage and Reinstall Guardrail and Single Post	1.000 EACH	_____.	_____.
0998	SPV.0060 Special 105. Interim Traffic Signals of Intersections (USH 12 & DellShire Dr)	1.000 EACH	_____.	_____.
1000	SPV.0090 Special 001. CIPP Lining 15-Inch	32.000 LF	_____.	_____.
1002	SPV.0090 Special 002. CIPP Lining 18-Inch	1,032.000 LF	_____.	_____.



Proposal Schedule of Items

Page 39 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1004	SPV.0090 Special 003. Concrete Curb Pedestrian Special	88.000 LF	_____.	_____.
1006	SPV.0090 Special 004. Concrete Curb & Gutter 18-Inch, Type G	89.000 LF	_____.	_____.
1008	SPV.0090 Special 005. Concrete Curb & Gutter 6-Inch Sloped 18-Inch, Type G	290.000 LF	_____.	_____.
1010	SPV.0090 Special 006. Concrete Curb & Gutter Integral 66-Inch, Type A	4,693.000 LF	_____.	_____.
1012	SPV.0090 Special 007. Concrete Curb & Gutter 24-Inch Type A	116.000 LF	_____.	_____.
1014	SPV.0090 Special 008. Concrete Curb & Gutter 24-Inch Type D	47.000 LF	_____.	_____.
1016	SPV.0090 Special 009. Remove, Salvage and Reinstall Railing	24.000 LF	_____.	_____.
1018	SPV.0090 Special 010. Remove, salvage and Reinstall Brick Edging	80.000 LF	_____.	_____.
1020	SPV.0090 Special 011. Install State-Supplied Non-Intrusive Detection Cable	4,533.000 LF	_____.	_____.
1022	SPV.0090 Special 015. VLD 4-Inch PVC Sanitary Sewer	68.000 LF	_____.	_____.
1024	SPV.0090 Special 016. VLD 6-Inch PVC Sanitary Sewer	190.000 LF	_____.	_____.
1026	SPV.0090 Special 017. VLD 8-Inch PVC Sanitary Sewer	3,696.000 LF	_____.	_____.



Proposal Schedule of Items

Page 40 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1028	SPV.0090 Special 018. VLD 10-Inch PVC Sanitary Sewer	270.000 LF	_____.	_____.
1030	SPV.0090 Special 019. VLD 4-Inch DI Watermain	108.000 LF	_____.	_____.
1032	SPV.0090 Special 020. VLD 6-Inch DI Watermain	415.000 LF	_____.	_____.
1034	SPV.0090 Special 021. VLD 8-Inch DI Watermain	127.000 LF	_____.	_____.
1036	SPV.0090 Special 022. VLD 12-Inch DI Watermain	390.000 LF	_____.	_____.
1038	SPV.0090 Special 023. VLD 1-Inch Service Line	8.000 LF	_____.	_____.
1040	SPV.0090 Special 024. VLD 2-Inch Copper Service	92.000 LF	_____.	_____.
1042	SPV.0090 Special 025. VLD Existing Sanitary Sewer Televising	2,282.000 LF	_____.	_____.
1044	SPV.0090 Special 026. VLD Remove Existing Watermain	438.000 LF	_____.	_____.
1046	SPV.0090 Special 027. VLD Remove Ex. Sanitary Sewer and Laterals	2,571.000 LF	_____.	_____.
1048	SPV.0090 Special 029. CWD Sanitary Sewer C900 Restrained Joint 12-Inch	115.000 LF	_____.	_____.
1050	SPV.0090 Special 030. CWD Sanitary Sewer PVC 10-Inch	1,359.000 LF	_____.	_____.
1052	SPV.0090 Special 031. CWD Sanitary Sewer PVC 8-Inch	2,417.000 LF	_____.	_____.



Proposal Schedule of Items

Page 41 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1054	SPV.0090 Special 032. CWD Sanitary Sewer C900 Restrained Joint 8-Inch	104.000 LF	_____.	_____.
1056	SPV.0090 Special 033. CWD Casing Pipe RCP 24-Inch	80.000 LF	_____.	_____.
1058	SPV.0090 Special 034. CWD Sanitary Lateral PVC 6-Inch	35.000 LF	_____.	_____.
1060	SPV.0090 Special 035. CWD Water Main Ductile Iron 12-Inch	2,658.000 LF	_____.	_____.
1062	SPV.0090 Special 036. CWD Water Main Ductile Iron 8-Inch	1,230.000 LF	_____.	_____.
1064	SPV.0090 Special 037. CWD Water Main Ductile Iron 6-Inch	78.000 LF	_____.	_____.
1066	SPV.0090 Special 038. CWD Water Main Ductile Iron Restrained Joint 12-Inch	401.000 LF	_____.	_____.
1068	SPV.0090 Special 039. CWD Casing Pipe RCP 30-Inch	328.000 LF	_____.	_____.
1070	SPV.0090 Special 040. CWD Water Service Copper 1-Inch	27.000 LF	_____.	_____.
1072	SPV.0090 Special 041. CWD Casing Pipe RCP 30-Inch (Sanitary)	80.000 LF	_____.	_____.
1074	SPV.0165 Special 001. VLD Rigid Insulation, 4-FT X 8-FT X 2-Inch (For Water Main)	448.000 SF	_____.	_____.
1076	SPV.0165 Special 002. VLD Rigid Insulation, 4-FT X 8-FT X 2-Inch (For Sanitary Sewer)	148.000 SF	_____.	_____.



Proposal Schedule of Items

Page 42 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1078	SPV.0165 Special 003. CWD Rigid Insulation, 4-FT X 8-FT X 2-Inch	64.000 SF	_____.	_____.
1080	SPV.0165 Special 005. Remove, Salvage and Reinstall Landscaping Rock	3,403.000 SF	_____.	_____.
1082	SPV.0165 Special 010. Anti-Graffiti Coating	21,188.000 SF	_____.	_____.
1084	SPV.0165 Special 011. Wall Modular Block Gravity Landscape (L01 - Sta. 617+06)	213.000 SF	_____.	_____.
1086	SPV.0165 Special 012. Wall Modular Block Gravity Landscape (L02 - Sta. 618+16)	495.000 SF	_____.	_____.
1088	SPV.0165 Special 013. Wal Modular Block Gravity Landscape (L03 - Sta. 623+00)	494.000 SF	_____.	_____.
1090	SPV.0165 Special 014. Wall Modular Block Gravity Landscape (L04 - Sta. 633+90)	202.000 SF	_____.	_____.
1092	SPV.0165 Special 015. Wall Modular Block Gravity Landscape (L05 - Sta. 659+68)	493.000 SF	_____.	_____.
1094	SPV.0165 Special 016. Wall Modular Block Gravity (R-56-0038)	1,276.000 SF	_____.	_____.
1096	SPV.0165 Special 017. Wall Modular Block Gravity (R-56-0039)	791.000 SF	_____.	_____.
1098	SPV.0165 Special 018. Wall Modular Block Gravity (R-56-0041)	682.000 SF	_____.	_____.
1100	SPV.0165 Special 019. Wall Modular Block Gravity (R-56-0043)	1,231.000 SF	_____.	_____.



Proposal Schedule of Items

Page 43 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1102	SPV.0165 Special 022. Wall Modular Block Gravity (R-56-0046)	902.000 SF	_____.	_____.
1104	SPV.0165 Special 023. Wall Modular Block Gravity (R-56-0047)	2,746.000 SF	_____.	_____.
1106	SPV.0165 Special 024. Wall Modular Block Gravity (R-56-0048)	753.000 SF	_____.	_____.
1108	SPV.0165 Special 025. Wall Modular Block Mechanically Stabilized Earth (R-56-0044)	2,294.000 SF	_____.	_____.
1110	SPV.0165 Special 026. Wall Modular Block Mechanically Stabilized Earth (R-56-0045)	4,468.000 SF	_____.	_____.
1112	SPV.0165 Special 027. Parapet Architectural Surface Treatment	3,032.000 SF	_____.	_____.
1114	SPV.0180 Special 001. Concrete Pavement 8-Inch Special	86,233.000 SY	_____.	_____.
1116	SPV.0180 Special 002. Concrete Pavement HES 8-Inch Special	4,101.000 SY	_____.	_____.
1118	SPV.0195 Special 001. VLD Imported Granular Backfill (For Sanitary Sewer)	250.000 TON	_____.	_____.
1120	SPV.0195 Special 002. VLD Imported Granular Backfill (For Water Main)	100.000 TON	_____.	_____.
1122	SPV.0195 Special 004. CWD Imported Granular Backfill (For Sanitary Sewer)	200.000 TON	_____.	_____.
1124	SPV.0195 Special 005. CWD Imported Granular Backfill (For Water Main)	300.000 TON	_____.	_____.



Proposal Schedule of Items

Page 44 of 44

Proposal ID: 20260512007 **Project(s):** 6130-01-72, 6145-01-72, 6145-01-73, 6145-01-74, 6145-01-82, 6145-01-83, 6145-01-84

Federal ID(s): WISC 2026004, WISC 2026005, WISC 2026006, N/A, N/A, N/A, WISC 2026003

SECTION: 0001 Contract Items

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

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1126	SPV.0195	198.000		
	Special 006. Cold Patch	TON	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

PLEASE ATTACH ADDENDA HERE