

HIGHWAY WORK PROPOSAL

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

Proposal Number: **009**

<u>STATE ID</u>	<u>FEDERAL ID</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>	<u>COUNTY</u>
1228-09-76	WISC 2025466	IH 43 North South Freeway, Mitchell Ic-Marquette Ic On/Off Rmp	IH 043	Milwaukee
1228-09-78	N/A	IH 43 North South Freeway, Howard Ave Bridge B40-0265	LOC STR	Milwaukee

ADDENDUM REQUIRED ATTACHED AT BACK

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

Proposal Guaranty Required: \$75,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Date: May 13, 2025 Time (Local Time): 11:00 am	Firm Name, Address, City, State, Zip Code
Contract Completion Time November 25, 2025	SAMPLE NOT FOR BIDDING PURPOSES
Assigned Disadvantaged Business Enterprise Goal 8%	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: Removals, Milling, Grading, Concrete Pavement, Structure Replacement, Curb and Gutter, Concrete Sidewalk, Beam Guard, Erosion Control, Permanent Signing, Traffic Control, Pavement Marking, Lighting, Traffic Signals, ITS, Restoration.	For Department Use Only
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

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SPECIAL PROVISIONS

1. General.

Perform the work under this construction contract for Project 1228-09-76, IH 43 North South Freeway, Mitchell I/C to Marquette I/C On/Off Ramps, IH 43, Milwaukee County, Wisconsin as the plans show and execute the work as specified in the State of Wisconsin, Department of Transportation, Standard Specifications for Highway and Structure Construction, 2025 Edition, as published by the department, and these special provisions.

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

100-005 (20250108)

2. Scope of Work.

The work under this contract shall consist of HMA pavement, concrete pavement, base patching, base aggregate, subgrade improvements, curb ramp replacements, thin polymer overlays, bridge rehabilitation, traffic signals, FTMS, pavement marking, signing and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

104-005 (20090901)

3. Prosecution and Progress.

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

Provide the start date to the engineer in writing within a 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 on the conditions cited in the request and its effect on the department's scheduled resources.

Contractor Coordination

Attend weekly scheduling meetings to discuss the near-term schedule activities, address any long-term schedule issues and discuss any relevant technical issues. Develop a rolling three-week schedule identifying the previous week worked and a two week "look ahead". Provide sufficient detail to include actual and planned activities and all the subcontractors for offsite and construction activities, addressing all activities including ramp and lane closure schedules to be performed and identifying issues requiring engineering action or input. Submit plans for all traffic control for review by the engineer and approval a minimum of one week prior to implementation.

Schedule of Operations

Stage 1A

Construction:

- Holt Ave north side curb ramps.
- Begin Holt Ave & 4th St/NB ramps traffic signals.
- Lapham Blvd south side curb ramps.
- 6th St & Mineral St west side curb ramps.
- Begin 6th St & Mineral St traffic signals.
- 9th St east side curb ramps & raised crosswalks.

Staging:

- 9th St raised crosswalks shall be completed in stages to maintain a single lane exit ramp at all times, utilizing either the thru lane or right turn slip lane for ramp traffic.

Stage 1B

Construction:

- Holt Ave south side & median curb ramps.
- Complete Holt Ave & 4th St/NB ramps traffic signals.
- Lapham Blvd north side curb ramps.
- 6th St & Mineral St east side curb ramps.
- Complete 6th St & Mineral St traffic signals.
- 9th St west side curb ramps.

Staging:

- Stage 1A work shall be completed on Holt Ave, 9th St, and Lapham Blvd prior to starting Stage 1B work.
- Stage 1A work on 6th St may occur concurrently with Stage 1B work at other locations.

Stage 1C:

Construction:

- Lapham Blvd median curb ramps.
- Lapham Blvd & 4th St/5th St traffic signals.

Staging:

- Stage 1B work at Lapham Blvd shall be completed prior to starting Stage 1C work.

Stage 2:

Construction:

- Entrance/exit ramp HMA overlays and pavement marking.
- Holt Ave NB exit ramp pavement replacement.
- STH 59 SB entrance ramp pavement replacement.
- Holt Ave HMA overlay.
- Lapham Blvd HMA overlay.
- B-40-171 thin polymer overlay.
- STH 59 NB exit ramp guardrail replacement.

Staging:

- Complete Stage 1 curb ramp construction prior to starting Stage 2 HMA overlays on Holt Ave and Lapham Ave.

Stage 3A:

Construction:

- B-40-265 girder replacement.

Staging:

- Work may occur concurrently with Stages 1 & 2.

Stage 3B:

Construction:

- B-40-265 thin polymer overlay.

Definitions – Freeway Work Restrictions

The following definitions apply to the contract for work restrictions, unless stated otherwise in this article for specific areas of work:

Weekday Peak Hours

- | | | |
|---------------------|-------------------|--------------------------------------|
| • 2-3 Lane Segments | 5:30 AM – 9:00 PM | Monday, Tuesday, Wednesday, Thursday |
| • 4 Lane Segments | 5:30 AM – 7:00 PM | Monday, Tuesday, Wednesday, Thursday |
| • All Segments | 5:30 AM – 9:00 PM | Friday |

Weekend Peak Hours

- | | | |
|---------------------|-------------------|----------|
| · 2-3 Lane Segments | 8:00 AM – 9:00 PM | Sunday |
| · 4 Lane Segments | 8:00 AM – 7:00 PM | Sunday |
| · All Segments | 8:00 AM – 9:00 PM | Saturday |

Weekday Off-Peak Hours

- | | | |
|-------------------|-------------------|--------------------------------------|
| · 4 Lane Segments | 7:00 PM – 9:00 PM | Monday, Tuesday, Wednesday, Thursday |
|-------------------|-------------------|--------------------------------------|

Weekend Off-Peak Hours

- | | |
|---------------------|--------|
| · 2-3 Lane Segments | |
| 9:00 PM – 11:00 PM | Sunday |
| · 4 Lane Segments | |
| 7:00 PM – 9:00 PM | Sunday |

Nighttime Hours

- | | | |
|----------------|-------------------|--|
| · All Segments | 9:00 PM – 5:30 AM | Sunday PM to Monday AM
Monday PM to Tuesday AM
Tuesday PM to Wednesday AM
Wednesday PM to Thursday AM
Thursday PM to Friday AM |
| · All Segments | 9:00 PM – 8:00 AM | Friday PM to Saturday AM
Saturday PM to Sunday AM |

Full Freeway and System Ramp Closure Hours

- | | |
|----------------------|--|
| · 11:00 PM – 4:30 AM | Sunday PM to Monday AM
Monday PM to Tuesday AM
Tuesday PM to Wednesday AM
Wednesday PM to Thursday AM
Thursday PM to Friday AM |
| · 11:00 PM – 6:00 AM | Friday PM to Saturday AM
Saturday PM to Sunday AM |

Service Ramp Closure Hours

- | | |
|---------------------|--|
| · 9:00 PM – 6:00 AM | Sunday PM to Monday AM
Monday PM to Tuesday AM
Tuesday PM to Wednesday AM
Wednesday PM to Thursday AM
Thursday PM to Friday AM |
| | · 9:00 PM – 8:30 AM
Friday PM to Saturday AM
Saturday PM to Sunday AM |

Definitions – State and Local Road Work Restrictions

The following definitions apply to the contract for work restrictions, unless stated otherwise in this article for specific areas of work:

Peak Hours

- 6:00 AM – 9:00 AM Monday, Tuesday, Wednesday, Thursday, Friday
- 3:00 PM – 7:00 PM Monday, Tuesday, Wednesday, Thursday
- 11:00 AM – 8:00 PM Saturday
- 1:00 PM – 5:00 PM Sunday

Off-Peak Hours

- 9:00 AM – 3:00 PM Monday, Tuesday, Wednesday, Thursday, Friday
- 7:00 PM – 6:00 AM Monday, Tuesday, Wednesday, Thursday
- 9:00 PM – 11:00 AM Friday PM to Saturday AM
- 8:00 PM – 1:00 PM Saturday PM to Sunday PM
- 5:00 PM – 6:00 AM Sunday PM to Monday AM

Full Closure Hours

- 9:00 PM – 6:00 AM Monday, Tuesday, Wednesday, Thursday, Sunday PM to Monday AM
- 9:00 PM – 8:30 AM Friday, Saturday

Freeway Work Restrictions – General

Do not close freeway lanes or shoulders (including auxiliary lanes, system ramps, service ramps and CD roadway system) and ensure the roadway is entirely clear for traffic during Weekday Peak Hours and Weekend Peak Hours.

One freeway lane and/or shoulder may be closed on the freeway and system ramps, during Weekday Off-Peak hours and Weekend Off-Peak Hours but it must be approved by the engineer.

Two freeway lanes or shoulders (including auxiliary lanes, system ramps, service ramps and CD roadway system) may be closed only during Nighttime Hours but it must be approved by the engineer.

Full Freeway Closures

NB IH 43 Howard Ave Bridge B-40-265 – Full closure of the northbound lanes under the Howard Ave bridge will be needed for the B-40-265 girder replacement. The contractor is allowed eight full freeway closures for this work.

Service Ramp Closures

No two consecutive entrance ramps or consecutive exit ramps may be closed unless it is approved by the engineer.

All entrance and exit ramps shall be posted seven business days in advance of their closure with dates and time of closure.

The IH 43 NB Off-ramp to Holt Ave may be closed long-term to perform ramp construction work. The closure shall not exceed 30 calendar days of which only 20 days shall be weekdays with remaining days being weekends. Any remaining ramp work after reopening may be performed during nighttime closures. Long-term closure start time shall be approved by the engineer.

The STH 59 Entrance-ramp to IH 43 SB may be closed long-term to perform ramp construction work. The closure shall not exceed 7 calendar days of which only 5 days shall be weekdays with remaining days being weekends. Any ramp work after reopening may be performed during nighttime closures. Long-term closure start time shall be approved by the engineer.

Service Ramp Closure Exceptions

The Holt Ave service ramps for IH 43 SB entrance/exit and NB entrance/exit ramps may be closed during daytime state and local road off-peak hours for two days each to complete HMA paving on Holt Ave across the ramp terminals.

State and Local Road Work Restrictions – General

Do not close travel lanes or turn lanes during Peak Hours. Only shoulders and parking lanes may be closed during Peak Hours.

Travel lanes and turn lanes may be closed during Off-Peak Hours. At least one travel lane in each direction shall be maintained at all times during Off-Peak Hours, except as allowed during full closures.

State and Local Road Full Closures

6th St & Mineral St – Full closure of 6th St from Washington St to Walker St and Mineral St from 5th St to 6th St will be needed for installation of loop detector conduit, including pavement removals and pavement patching. Full closures of 6th St and Mineral St shall be in accordance with SDD 15C02 and 15C03. IH 43 SB Exit Ramp to 6th St/Mineral St shall be closed in accordance with Stage 2 Traffic Staging plans. The contractor is allowed two full closures for this work.

State and Local Road Full Closure Exceptions

The full closure of Lapham Blvd for HMA paving and thin polymer overlay work shall occur during daytime off-peak hours. The contractor is allowed two full roadway closures for this work.

The full closure of Howard Ave for thin polymer overlay work shall occur during daytime off-peak hours. The contractor is allowed one full roadway closure for this work.

Interim Completion and Liquidated Damages – IH 43 NB Off-ramp to Holt Ave: 30 Calendar Days

Close the IH 43 NB Off-ramp to Holt Ave to through traffic for a maximum of 30 calendar days. Do not reopen until completing the following work: Curb & gutter spot replacements, HMA pavement replacement, and temporary or permanent pavement marking.

If the contractor fails to complete the work necessary to reopen the IH 43 Off-ramp to Holt Ave to traffic within 30 calendar days, the department will assess the contractor \$2,500 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 30 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.

Interim Completion and Liquidated Damages – STH 59 Entrance-ramp to IH 43 SB: 7 Calendar Days

Close STH 59 Entrance-ramp to IH 43 SB to through traffic for a maximum of 7 calendar days. Do not reopen until completing the following work: Replacement of structure approach slab, curb and gutter, and concrete pavement.

If the contractor fails to complete the work necessary to reopen STH 59 Entrance-ramp to IH 43 SB to traffic within 7 calendar days, the department will assess the contractor \$1,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 7 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.

Interim Completion and Liquidated Damages – 9th St: August 17, 2025

Complete construction operations on 9th St, beginning July 19, 2025, to the stage necessary to reopen it to pedestrians by August 17, 2025. Do not reopen until completing the following work: Sidewalk and curb ramp replacement, raised crosswalks, and temporary or permanent pavement marking.

If the contractor fails to complete the work necessary to reopen 9th St to pedestrians by August 17, 2025, the department will assess the contractor \$1,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 12:01 AM on August 18, 2025. 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.

Driveway Access

Do not close residential approaches or remove from service without giving five-day notice to the occupants of the premises to remove their vehicles prior to driveway removal or closing of the driveway approach access. If necessary, make other access arrangements, agreed to or in writing and signed by the contractor and the property owner serviced by the driveway. Obtain approval from the engineer prior to alternating construction sequencing.

Portable Changeable Message Signs

Obtain acceptance from the engineer regarding the wording of all messages on portable changeable message signs.

Temporary Pavement Markings

Temporary pavement markings shall be placed same day and shall be placed in the exact configuration where permanent pavement markings will be placed for all multi-lane roadway segments. Any water blasting required for pavement marking removal should be considered incidental to the temporary pavement marking items.

General

Follow plan details and standard detail drawings for closures. Restrictions and/or closures beyond that shown in the traffic control plans must be approved by the engineer. If plan details are not provided in the traffic control plans, furnish plans for review by the engineer.

Migratory Birds

No evidence of swallow or other migratory bird nests have been observed on or under the following structures(s) during the preconstruction inspection. However, if nesting is later observed prior to or during construction, the contractor shall implement avoidance/deterrent measures or obtain a depredation permit. All active nests (when eggs or young are present) of migratory birds are protected under the federal Migratory Bird Treaty Act. The nesting season for swallows and other birds is from April 15 to August 31.

Protection of Endangered Bats (Tree Clearing)

Federally protected bats have the potential to inhabit the project limits because they roost in trees, bridges and culverts. Roosts may not have been observed on this project, but conditions to support the species exist. The species and all active roosts are protected by the federal Endangered Species Act. If an individual bat or active roost is encountered during construction operations, stop work, and notify the engineer and the WisDOT Regional Environmental Coordinator (REC).

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

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

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

4. 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.

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:

- IH 43/94 Mainline and System Ramps Night Time Lane Closure Extending into Weekday Peak Hours
 - \$8,000 per lane, per direction of travel, per hour broken into 15-minute increments
- IH 43/94 Mainline and System Ramps Night Time Lane Closure Extending into Weekend Peak Hours
 - \$6,000 per lane, per direction of travel, per hour broken into 15-minute increments
- Local Road Lane/Full Closure Extending into Peak Hours
 - \$1,000 per lane, per direction of travel, per hour broken into 15-minute increments
- Service Ramp - \$4,000 per lane, per direction of travel, per hour broken into 15-minute increments
- IH 43 Full Freeway Closure
 - 4:30 AM to 5:30AM: \$2,500 per lane, per direction of travel, per hour broken into 15-minute increments.
 - After 5:30 AM: \$8,000 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.

General

Perform the work under this contract in a manner that will interfere as little as possible with active traffic on local streets. Do not park or store vehicles, equipment, on local streets adjacent to active traffic or within the clear zone except at the time of performance of the work. Materials or equipment may be stored within the right-of-way only at locations meeting the approval of the engineer.

Coordinate traffic requirements under this contract with other ongoing department construction projects. This contractor shall be responsible for implementing and coordinating with other contractors all traffic control as shown on the plans.

Prior to beginning operations under this contract, provide in writing the proposed schedule of operations and methods of coordination and handling of traffic to the engineer.

Construct the project using the construction staging and traffic control shown in the plans and standard detail drawings.

Keep open travel lanes free from mud, sand, and other construction debris at all times.

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.

Railroad

Except for railroad crossings DOT # 386463P and 387976S where STSP 107-026 applies: Do not place any items within 50-feet of the railroad right-of-way, including items that could foul the same area, including but not limited to signing, equipment, or material. This includes at-grade crossings and structures with RR under or over. If this is not adhered to, Railroad Protective Liability Insurance will be required of the contractor and incidental to the project.

Residential and Business Property Access

Maintain access to properties along all adjacent side streets, and any other local road affected by construction for local residents, businesses, and emergency vehicles. Maintain and keep open the access to all driveways and parking lots where alternative access is not available at all times by closing one driveway at a time.

Pedestrian Access

Maintain sidewalk at all times except under direction of the engineer. Provide detours as specified in the plans to maintain pedestrian access in areas of sidewalk construction. Provide flagging for pedestrians during Stage 2 nighttime on/off ramp overlays where existing crosswalks are impacted.

Maintain pedestrian movements crossing the construction zone at all intersections at all times, unless otherwise directed by the engineer. At all times, Americans with Disabilities Act Accessibility Guidelines (ADAAG) accessible pedestrian walkways shall be maintained free from mud, sand, construction debris, and construction equipment. Closures of sidewalk must be approved by the engineer and conform to signing shown on the traffic control plan. Do not cross pedestrians in locations where there are no existing crosswalks unless it is shown in the plans, or it is approved by the engineer.

Schedule of Operations

Traffic shifts shown in a given stage may occur at different times during that stage depending on the controlling elements for a given traffic movement as approved by the engineer. The department anticipates that the schedule of major traffic shifts and roadway openings and closings for each stage shall be as follows, unless approved by the engineer:

Stage 1A:

- Holt Ave WB continuous curb lane closure with pedestrian accommodation.
- Holt Ave NB entrance ramps continuous shoulder closures.
- Lapham Blvd EB daily off-peak outside lane closures.
- Mineral St SB continuous parking lane closure.

- 9th St continuous parking lane closures.
- 9th St NB/SB exit ramp alternating continuous closures between slip lanes and thru lanes.

Stage 1B:

- Holt Ave EB/WB daily off-peak inside lane closures.
- Holt Ave EB continuous curb lane closure.
- Lapham Blvd WB daily off-peak outside lane closures.
- 6th St EB/WB and Mineral St NB continuous parking lane closures.
- 9th St continuous parking lane closures.

Stage 1C:

- Lapham Blvd EB/WB continuous inside lane closures.

Stage 2:

- Entrance/exit ramp nightly off-peak ramp closures.
- Holt Ave NB exit ramp continuous ramp closure with signed detour.
- STH 59 SB entrance ramp continuous ramp closure with signed detour.
- Holt Ave daily off-peak lane and ramp closures.
- Lapham Blvd daily off-peak full closure and ramp closures.

Stage 3A:

- Howard Ave EB continuous outside lane closure.
- IH 43 NB nightly full freeway closures.
- Howard Ave nightly full closures during IH 43 NB full freeway closures.

Stage 3B:

- Howard Ave single-day off-peak full closure.

Detours

Provide signed detour routes as shown in the plans that are fully open and free of construction. If the signs are installed prior to the beginning of construction, they shall be covered until the work begins. The following detours are needed for this project:

IH 43 NB Exit Ramp to Holt Ave:

This detour shall be established to guide traffic to Holt Ave when the IH 43 NB exit ramp is closed. Traffic travelling northbound on IH 43 will exit at Howard Ave, then travel east to Howell Ave (STH 38), turn left and travel north along Howell Ave (STH 38), continuing straight along STH 38/Chase Ave at the Howell Ave/Chase Ave intersection, to Holt Ave.

STH 59 Entrance Ramp to IH 43 SB:

This detour shall be established to guide traffic to IH 43 SB while the entrance ramp from STH 59 is closed. Traffic travelling eastbound on STH 59 (National Ave) at 10th St will continue straight on STH 59 (National Ave) EB, turn right on STH 38 (6th St) and travel south to Lapham Blvd, turn left and travel west on Lapham Blvd, then take the SB entrance ramp to IH 43. Traffic travelling westbound on STH 59 (National Ave) will turn left on STH 38 (6th St), then follow the same detour route as STH 59 EB traffic.

IH 43 NB at Howard Ave:

This detour shall be established during nightly IH 43 NB full freeway closures. Traffic travelling northbound on IH 43 will take the Howard Ave exit ramp and continue straight through the intersection to the northbound entrance ramp to get back onto IH 43 NB.

Local Traffic Access

Maintain a minimum lane width of 11 feet at all times during construction unless shown otherwise in the plans.

Employ flaggers, signs, barricades, flexible tubular posts and bases, and drums as necessary to safeguard and direct local traffic at all locations where construction operations may interfere with or restrict the smooth flow of traffic. Use drums to direct local traffic and delineate hazards such as open excavations, abrupt drop-offs, exposed manholes, etc. The use of such devices shall be incidental to the operation which creates the hazard. No additional payment shall be made for any labor or materials required to adhere to this restriction.

In roadway segments open to traffic or closed to through traffic, Uneven Pavement signs shall be placed wherever there is a drop-off greater than 2-inches between the layers of pavement at the end of the work day. No additional payment shall be made for any labor or materials required to adhere to this restriction.

Traffic Meeting and Traffic Control Scheduling.

Every Wednesday (or Thursday depending on project location – confirm with construction which traffic meeting the project will be required to attend) by 8:00AM, submit a detailed proposed 2-week look-ahead traffic closure schedule to the engineer. Type the detailed proposed 2-week look-ahead closure schedule into an excel spreadsheet provided by the engineer. Enter information such as closure dates, duration, work causing the closure and detours to be used. Also enter information such as ongoing long-term closures, emergency contacts and general 2-month look-ahead closure information into the excel spreadsheet.

Attend, in person, the 10:00am contractor/utility traffic coordination meeting every Wednesday (or Thursday) at the project field office to discuss and answer questions on the proposed schedule. The prime contractor, traffic control subcontractor, and any other subcontractors that have work that requires should, lane, ramp, or full closures on the 2-week schedule is required to attend the 10:00 AM meeting. Edit, delete and add closures to the detailed proposed 2-week look-ahead schedule, as directed by the engineer. Other edits, deletions or additions unrelated to meeting specification requirements may also be agreed upon with the engineer during the 10:00 AM meeting.

Every Wednesday (or Thursday) at 2:00 PM, there will be a stakeholder traffic meeting held at the project field office. The prime contractor is required to attend the weekly 2:00 PM traffic meeting. The meeting will bring local agencies, project stakeholders, owner managers, owner engineers, contractors, document control and construction engineering personnel together to discuss traffic staging, closures and general impacts. Upon obtaining feedback from the meeting attendees, edit, delete and add information to the detailed 2-week look-ahead closure schedule, as needed. Submit the revised 2-week look-ahead to the engineer.

For any mid-week changes, submit requests for additions or modifications in writing to the engineer for review and approval. Any cancellations also need to be communicated in writing including a reason for the cancellation. Any cancellations, additions, or modifications should be submitted by 4pm to allow for review, approval, and schedule updates. Any additions to the schedule need to adhere to the required advance notice requirements.

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 IH 43 or IH 94 traffic, and entirely clear the traveled way and shoulders of such portions of the highway of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday and special event periods:

- From noon Friday, May 23, 2025 to 6:00 AM Tuesday, May 27, 2025 for Memorial Day;
- From noon Thursday, July 3, 2025 to 6:00 AM Monday, July 7, 2025 for Independence Day;
- From noon Friday, August 29, 2025 to 6:00 AM Tuesday, September 2, 2025 for Labor Day.

Special Event Restrictions

During Summerfest, scheduled for June 19 – June 21, 2025; June 26 – June 28, 2025; July 3 – July 5, 2025, keep open the following system ramps until one hour after the event closes each night.

- IH 43 NB entrance ramp from 6th Street & Mineral Street
- IH 43 SB exit ramp to 6th Street & Mineral Street
- IH 43 SB exit ramp to 9th Street & Mineral Street
- IH 43 SB entrance ramp from 9th Street & Mineral Street
- IH 43 NB exit ramp to 9th Street & Walker Street
- IH 43 NB entrance ramp from 9th Street & Walker Street

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

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 notices of when the utility is to start work at this 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 owner or as noted below. Follow up with a confirmation notice to the engineer and the utility owner not less than three working days before the site will be ready for the utility owner to begin its work.

stp-107-065 (20240703)

The project area includes **Project 1228-09-76** and **Project 1228-09-78**. The following utility companies have facilities within the project area that need adjustments:

City of Milwaukee – Sewer has existing facilities inside the project limits.

City of Milwaukee sewer will relay/reline sewer in the 3400 block of 4th St. and replace the manhole at station 96+50 prior to construction.

City of Milwaukee – Water has existing facilities inside the project limits. Water adjustments will be made by the contractor as part of the project. Construct water items as shown in the plans and in the bid items for this project.

Midwest Fiber Networks – Communications

MWFN will relocate fiber line at the intersection of Mineral St. and 6th St beginning at station 25+48.2, 21.4' RT to station 25+54, 27.5' RT and intercept our existing line at station 25+93, 23.8' RT. We will remove and replace approx. 4 sidewalk slabs which will include the pedestrian landing. This work will be completed prior to construction.

WE Energies – Gas has existing facilities inside the project limits.

The following facilities will be discontinued in place:

- Gas main that is 3" PE inserted in 6" cast iron, running line from meter on west side of building at 916 S. 6th St. to end of main at 1022 S. 6th St.
- 2" steel main west of meter located on west side of building at 521 W. Mineral St. to inserted main in S. 6th St.

The following facilities will be installed prior to construction:

- New main will be installed approximately 5' north of south ROW line on W. Mineral St. from S. 5th St. bearing west far enough to provide service to 521 W. Mineral St.
- New main will be installed in the alley south of W. Mineral St. and north of W. Washington St., approximately 5' north of south ROW line from S. 5th St. bearing west far enough to provide service for 1022 S. 6th St.
- The 2" steel gas main running from the south lot line of 3428 S. 4th St. to the intersection of Holt Ave. will be replaced approximately 1' west of the west lot line and will reconnect to the 8" steel gas main east of the paving limits.

It is imperative that the highway contractor contact We Energies before removing any gas facilities, to verify that they have been discontinued and carry no natural gas. The contractor must not assume that unmarked facilities have been discontinued. At no time is it acceptable to push, pull, cut or drill an unmarked facility without explicit consent from We Energies. Contractor must call the We Energies 24 hour Dispatch lines to arrange for this verification.

The following utility companies have facilities within the project area; however, no adjustments are anticipated:

AT&T WI – Communications

ATC Management – Electric Transmission

City of Milwaukee – Communications

City of Milwaukee – Conduit

Level 3 – Communications

MMSD – Sewer

Spectrum – Communications

TDS Metrocom – Communications

Verizon Business – Communications

WE Energies – Electric

We Energies has a buried electric secondary cable crossing the right turn lanes of the I43 NB exit ramp to Holt Ave. Please use caution when excavating near this existing underground facility.

8. Referenced Construction Specifications.

Construct the work enumerated below conforming to the Standard Specifications for Sewer and Water Construction in Wisconsin, latest edition and amendments (SSSW). If there is a discrepancy or conflict between the referenced specification and the standard specifications regarding contract administration, part 1 of the standard specifications governs.

Conform to the referenced construction specifications for the following:

Adjusting Sanitary Manhole

Stp-105-002 (20130615)

9. Other Contracts.

Modifications to the traffic control plan may be required by the engineer to be safe and consistent with the adjacent work by others.

The following projects may be under construction concurrently with the work under this contract. Coordinate activities, detours, work zone traffic control, roadway, lane and park and ride closures, and other work items as required with other contracts.

Below are nearby projects to coordinate with:

- Project 1030-43-71/72

IH 41 Mitchell I/C

WB I43/I94 35th-Rawson-Howard

WisDOT Contact: Steven Kuhl, (414) 531-6932

steven.kuhl@dot.wi.gov

10. Work by Others.

In addition to the utility facilities referenced in the “Utilities” article of the special provisions where no adjustments are anticipated, the following utility companies have approved permits to install additional facilities within the project limits. Additional information regarding the proposed installation of utility facilities is available on permits issued to each utility company. To obtain these permits, contact WISDOT Utility Permitting at seutilitypermits@dot.wi.gov or (262) 521-4461.

The following is a general description of the proposed facilities:

City of Milwaukee – Street Lighting has existing facilities inside the project limits. The following work is scheduled to begin May or June of 2024 and will be completed by the City of Milwaukee prior to construction:

4th & Holt:

The City of Milwaukee Street Lighting will install a new double luminaire light pole in the east center island just east of the signal standard, which will eliminate the two outside lights behind the north and south curb lines, bore conduit in the south traffic island (S. of W. Holt Av.) from the existing light pole to a point in the N.E. corner of the traffic island that is behind the walk and approximately 3 ft. west to the hydrant, then bore over to the center island to a point just west of the planting bed and 2 ft. behind the center island south curb line.

4th & Lapham:

The streetlight underground facilities will remain in service during the project. Work around and protect these energized facilities.

5th & Lapham:

The City of Milwaukee Street Lighting will bore conduit and install pull boxes diagonally from end of radius to end of radius at the S. W. corner. The rest of the street light underground facilities will remain in service during the project. Work around and protect these energized facilities.

6th & Mineral:

The City of Milwaukee Street Lighting will relocate the following light poles:

S.E. corner - both light poles will be moved out of the radius and pedestrian ramp flares. N.E. corner – light pole along east curb will move north to get out of the pedestrian ramp flare. N.W. corner – light pole along the west curb will move north to get out of the pedestrian ramp flare. Before construction the City of Milwaukee Street Lighting will bore conduit and install pull boxes diagonally from end of radius to end of radius at all four corners.

9th & Mineral:

The City of Milwaukee Street Lighting will relocate the following light poles:

N.W. corner – Move the light pole to the S.W. corner along the south curb line of W. Mineral St. due to the narrowed walk area on the N.W. corner between the light pole and concrete wall at back of walk. S.W. corner - light pole along west curb will move south to get out of the pedestrian ramp flare.

The City of Milwaukee Street Lighting will bore conduit and install pull boxes diagonally from end of radius to end of radius at the S.E. corner. Then bore conduit from street lighting conduit crossing located at the south curb line of the pork chop island going under the IH-43 SB Exit Ramp to the N.E. corner of the pedestrian ramp / back side of the walk, and the bore conduit to a point along the east curb line that is 106 ft. north of the north curb line of W. Mineral St.

11. Railroad Insurance and Coordination – Soo Line Railroad Company (CP)

A. Description

Comply with standard spec 107.17 for all work affecting Soo Line Railroad Company (CP) property and any existing tracks.

A.1 Railroad Insurance Requirements

In addition to standard spec 107.26, provide railroad protective liability insurance coverage as specified in standard spec 107.17.3 Insurance is filed in the name of Soo Line Railroad Company d/b/a Canadian Pacific.

Notify evidence of the required coverage, and duration to Brian Osborne, Manager Public Works; Canadian Pacific Plaza, 120 South 6th Street, Suite 700, Minneapolis, MN 55402; Telephone (612) 760-2945; E-mail: Brian.Osborne@cpkcr.com

Also send a copy to the following: Jason Kazmierski, SE Region Railroad Coordinator, 141 N. Barstow Street, Waukesha, WI 53188; Telephone (262)548-6700; E-mail jason.kazmierski@dot.wi.gov

Include the following information on the insurance document:

- Project ID: 1228-09-76, 1228-09-78
- Work Performed on or within 50' of RR ROW: Traffic control

#	Route Name	City/County	Crossing ID	RR Subdivision	RR Milepost
1	Holt Ave	Milwaukee/Milwaukee	386463P	C&M Sub	81.34
2	I-43	Milwaukee/Milwaukee	387976S	C&M Sub	80.25

A.1 Railroad Insurance Requirements

In addition to 107.26 of the standard specifications, provide railroad protective liability insurance coverage as specified in subsection 107.17.3 of the standard specifications. Requirements of the standard specifications are changed as follows:¹

Before the state issues its notice to proceed to the contractor or contractors (collectively, the contractor) awarded the contract for construction involving the project described in this stipulation (the project), the state shall require the contractor to provide certain insurance coverage to protect the railroad (as defined in this section) from loss for property and liability exposures relating to the construction activities on the project. The manner and process in which this will be accomplished is as detailed below.

TYPE OF INSURANCE	MINIMUM LIMITS REQUIRED
1. Commercial general liability insurance; shall be endorsed to include blanket contractual liability coverage; shall cover bodily injury and property damage, personal and advertising injury, and fire legal liability. There shall be no endorsements limiting coverage for the work to be performed pursuant to this Stipulation.	\$5,000,000 combined single limits per occurrence with an annual aggregate limit of not less than \$10,000,000.
2. Workers' compensation and employer's liability coverage.	Workers' compensation limits: statutory limits. Employers' liability limits: Bodily injury by accident \$100,000 each accident Bodily injury by disease \$500,000 each accident \$100,000 each employee
3. Commercial automobile liability insurance; shall cover all owned, non-owned, and hired vehicles used by the CONTRACTOR in carrying out the contract, and shall include coverage for bodily	\$1,000,000 combined single limit per occurrence.
4. Railroad Protective Liability Insurance, issued on a standard ISO form 00 35 10 93 or its equivalent and endorsed to include the Pollution Exclusion Amendment (ISO form CG 28 31 10 93) and the Limited Seepage and Pollution Endorsement. No endorsements restricting FELA coverage may be added.	\$5,000,000 per occurrence \$10,000,000 in the aggregate

¹ As used in this section, "state" and "company" have the meanings assigned to them in the stipulation to which this exhibit is attached, "FELA" means the Federal Employment Liability Act, and "this stipulation" means the stipulation to which this exhibit is attached.

² The contractor may satisfy the requirements for insurance types 1, 2 and 3 through primary insurance coverage or through excess/umbrella policies.

A.2 Train Operation

#	Passenger Train Volume	Passenger Train Speed	Freight Train Volume	Freight Train Speed	Frequency	Switch Train Comment*
1	16	70	36	55	Daily	No switch trains
2	16	70	36	55	Daily	No switch trains

* Switch trains are in addition to freight and passenger trains.

A.3 Names and Addresses of Railroad Representatives for Consultation and Coordination

Construction Contact

Brian Osborne, Manager Public Works; Canadian Pacific Plaza, 120 South 6th Street, Suite 700, Minneapolis, MN 55402; Telephone (612) 760-2945; E-mail brian_osborne@cpkcr.com for consultation on railroad requirements during construction.

Amend standard spec 108.4 to include the railroad in the distribution of the initial bar chart, and monthly schedule updates. The bar chart shall specifically show work involving coordination with the railroad.

Flagging Contact

Greda Lynn, Grade Crossing Coordinator; Canadian Pacific Plaza, 120 South 6th Street, Suite 700, Minneapolis, MN 55402; Telephone (612) 258-6619; E-mail greda_lynn@cpkcr.com a minimum of 40 working days in advance to arrange for a railroad flagger. Reference the Crossing ID, Wisconsin Milepost and Subdivision found in A.1.

* Contact SOO Line (CPKC) prior to letting for flagman work hour availability.

Cable Locate Contact

In addition to contacting Diggers Hotline, contact CPKC Call Before You Dig line at (866) 291-0741, five working days before the locate is needed. Reference the Crossing ID, Wisconsin Milepost and Subdivision found in A.1.

SOO Line (CPKC) will only locate railroad owned facilities located in the railroad right-of-way. The railroad does not locate any other utilities.

A.4 Work by Railroad

The railroad will perform the work described in this section, except for work described in other special provisions, and will be accomplished without cost to the contractor. None.

A.5 Temporary Grade Crossing

If a temporary grade crossing is desired, submit a written request to the railroad representative named in A.3 at least 40 days prior to the time needed. Approval is subject to the discretion of the railroad. The department has made no arrangements for a temporary grade crossing.

stp-107-026 (20250108)

12. Hauling Restrictions.

Replace standard spec 107.2 with the following:

Present to the department, five business days before proposed hauling, a proposed haul route plan detailing additional haul routes if additional haul routes are needed that are not part of the state trunk highway system. Include the months, days of the week, time of day, number of trucks, types of trucks and maximum loads of trucks anticipated to accomplish the project work in the additional haul route submittal.

The department will review the submittal and either approve or provide a letter with comments and proposed revisions to the contractor within five business days of its receipt. If approved, the department will subsequently survey the existing condition of that haul route to establish a baseline for assessing damage that the contractor's hauling operations might cause.

At all times, conduct operations in a manner that will cause a minimum of disruption to traffic on existing roadways.

sef-107-015 (20170310)

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

The calculated land disturbance for the project site is 0.81 acres.

The expected land disturbance for the project site is less than one acre in size and does not require permit coverage. Therefore, the department has not requested or obtained coverage under the TCGP.

If additional land disturbance is necessitated for the project due to proposed contractor means and methods, including temporary support activity sites, and the additional land disturbance results in a total cumulative land disturbance for the project of one acre or greater, permit coverage will need to be obtained. The department will be responsible for obtaining permit coverage following department approval of the associated ECIP. Contractor necessitated changes resulting in the need for permit coverage will not be cause for schedule delays or other damages.

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 the following:

- Must meet the permit's applicability criteria.
- Must be for the exclusive use of a WisDOT project.
- Ground 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.

If permit coverage is deemed necessary and obtained for the project, conform to all permit requirements and post the "Certificate of Permit Coverage" in a conspicuous place at the construction site.

Permit coverage, if necessary, will be under the Wisconsin Pollutant Discharge Elimination System, Transportation Construction General Permit, (WPDES Permit No. WI-S066792-2). The permit can be found at:

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

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 the following to standard spec 107.20 as paragraphs nine through fifteen:

- (9) 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 each dewatering (mechanical pumping) operation in the ECIP submittal. The ECIP shall supplement information the plans show 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, and re-application of top soil to minimize the exposure to possible erosion.
- (10) 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 Ryan Pappas, (414) 750-7495, ryan.pappas@wisconsin.gov. Do not implement the ECIP until department approval, and perform all work conforming to the approved ECIP.
- (11) Maintain Erosion Control BMP's until permanent vegetation is established or until the engineer determines that the BMP is no longer required.
- (12) 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.
- (13) 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 mulch/erosion mat 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 14 days, seed those areas with temporary seed and mulch.

- (14) Do not allow 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.
- (15) Dewatering is incidental.
sef-107-010 (20180104)

15. Maintaining Drainage.

Use existing storm sewers, existing culvert pipes, existing drainage channels, temporary culvert pipes, or temporary drainage channels to maintain existing surface and pipe drainage. Pumps may be required to drain the surface, pipe, and structure discharges during construction. Costs for furnishing, operating, and maintaining the pumps is considered incidental to the project.

Dewatering (Mechanical Pumping) for Bypass Water (sediment-free) Operations

If dewatering bypass operations are required from one pipe structure to another downstream pipe structure or from the upstream to downstream end of a culvert and the bypass flow is not transporting sediments (sand, silt, and clay particles) from a tributary work site area, bypass pumping operations will be allowed provided that the department has been made aware of and approves operation. When pumping bypass flows, the discharge location will need to be stable and not produce erosion from the discharge velocity that would cause release of sediment downstream.

Dewatering (Mechanical Pumping) for treatment Water (sediment-laden) Operations

If dewatering operations require pumping of water containing sediments (sand, silt, and clay particles), the discharge will not be allowed to leave the work site or discharge to a storm water conveyance system without sediment removal treatment. Refer to Erosion Control Article in these special provisions for additional requirements.

sef-107-016 (20170310)

16. Archaeological Site – Austin’s Gravel Pit Burials.

47MI148 / BMI-0198 (Austin’s Gravel Pit Burials) site is bounded on the north end by an imaginary line running east west connecting the intersection of 6th and Oklahoma to the intersection of STH 38 and Oklahoma. The eastern boundary follows STH 38 down to E. Morgan Avenue. The southern boundary is an imaginary line running east west along the same alignment as E Morgan Avenue to 6th Street. The western boundary follows 6th Street back to Oklahoma. 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 will determine if 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.

Use of a hydrovac is not permitted within the boundaries of the human burial site.

stp-107-220 (20180628)

17. Notice to Contractor – Milwaukee County Parks Permit.

The department has coordinated a draft permit with Milwaukee County to occupy Milwaukee County Parks land outside of the existing roadway right of way for construction of the curb ramp at the southwest corner of S. 9th Street and W. Mineral Street. Prior to preparing bids, the contractor should contact the department to obtain a copy of the draft permit to obtain permit access locations, permit terms and

conditions, and fees associated with the permit. The contractor shall be responsible for executing the permit with Milwaukee County Parks by signing the permit and paying the permit fee as specified in the draft permit. Information on the permit can be obtained from the regional office by contacting James Schumacher at (262) 521-4428. The contractor shall be responsible for returning the signed permit and fee to Milwaukee County Parks. The cost of the permit fee is incidental to construction. The contractor must obtain this permit in order to perform construction operations for this project.

18. Notice to Contractor – Milwaukee County Transit System.

The Milwaukee County Transit System (MCTS) operates the following bus routes within the construction limits:

Route 19	Dr. M.L.K. Drive – S. 13th
Route 54	Mitchell – Burnham
Route 80	6 th Street – Green Bay Ave
Route 81	Amazon Oak Creek

Invite MCTS to all coordination meetings between the contractor, the department, local officials and business people to discuss the project schedule of operations including vehicular and pedestrian access during construction operations.

Notify MCTS at least ten (10) business days prior to beginning work. If necessary, MCTS will remove their existing bus stop signs and shelters before work begins and re-install or replace bus stop signs and shelters before new pavement opens to vehicular traffic.

The MCTS contacts are:

Melanie Flynn
Milwaukee County Transit System – Routes
1942 N. 17th St.
Milwaukee, WI 53205
Phone: (414) 343-1764
Mflynn@MCTS.org

Armond Sensabaugh
Milwaukee County Transit System – Bus Stops
1942 N. 17th St.
Milwaukee, WI 53205
Phone: (414) 343-1728
ASensabaugh@mcts.org

David Locher
Transportation Specialist
Phone: (414) 343-1727
Dlocher@MCTS.org

ser-107-004 (20180413)

19. Notice to Contractor – Saw Cut Slurry.

Saw cut slurry that may be generated as part of this contract shall be collected and actively managed. Take appropriate measures to prevent saw cut slurry from entering inlets, wetlands, waterways, and other natural areas.

20. Notice to Contractor, Notification of Demolition and/or Renovation No Asbestos Found.

John Roelke, License Number All-119523, inspected Structure B-40-0171 and B-40-0265 for asbestos on October 13, 2020 (B-40-0171) and October 14, 2020 (B-40-0265). No Regulated Asbestos Containing Material (RACM) was found on this structure. A copy of the inspection report is included with the bid package or available from Andrew Malsom, (262)548-6705, andrew.malsom@dot.wi.gov.

According to NR447 and DHS159, ensure that DNR or DHS receives a completed Notification of Demolition and/or Renovation (DNR Form 4500-113 (R 03/20), or subsequent revision) via U.S. mail, hand-delivery, or using the online notification system at least 10 working days before beginning any construction or demolition. Pay all associated fees. Provide a copy of the completed 4500-113 form to Andrew Malsom, (262)548-6705, andrew.malsom@dot.wi.gov and via e-mail to dothazmatunit@dot.wi.gov or via U.S. mail to DOT BTS-ESS attn: Hazardous Materials Specialist, 5 South S.513.12, PO Box 7965, Madison, WI 53707-7965. In addition, comply with all local or municipal asbestos requirements.

Use the following information to complete WisDNR form 4500-113:

B-40-0171

- Site Name: Structure B-40-0171, W Lapham Blvd over IH 43/94
- Site Address: 0.1M E JCT STH 38
- Ownership Information: WisDOT Transportation SE Region, 141 NW Barstow St, P.O. Box 798, Waukesha, WI, 53187
- Contact: Steven Kuhl
- Phone: (414) 531-6932
- Age: 56 years old. This structure was constructed in 1968
- Area: 18,371 SF of deck

B-40-0265

- Site Name: Structure B-40-0265, W Howard Ave over IH 43/94
- Site Address: 0.4M W JCT STH 38
- Ownership Information: WisDOT Transportation SE Region, 141 NW Barstow St, P.O. Box 798, Waukesha, WI, 53187
- Contact: Steven Kuhl
- Phone: (414) 531-6932
- Age: 61 years old. This structure was constructed in 1963
- Area: 20,227 SF of deck

Insert the following paragraph in Section 6.g.:

If asbestos not previously identified is found or previously non-friable asbestos becomes crumbled, pulverized, or reduced to a powder, stop work immediately, notify the engineer, and the engineer will notify the department's Bureau of Technical Services at (608) 266-1476 for an emergency response as specified in standard spec 107.24. Keep material wet until it is abated or until it is determined to be non-asbestos containing material.

stp-107-125 (20220628)

21. Material Stockpile and Equipment Storage.

Submit a map showing all proposed material stockpile and equipment storage locations to the engineer 14 calendar days before either the preconstruction conference or proposed use, whichever comes first. Identify the purpose; length, width & height; and duration of material stockpile or equipment storage at each location. Do not stockpile material or store equipment until the engineer approves.

ser-107-011 (20220412)

22. Available Documents.

The department will make its information available to bidding contractors. The list of documents that are available for contractors' information includes:

- Design Study Report
- Exceptions to Standards Report
- Interstate Access Justification Report
- Pavement Type Selection Report
- Environmental Document
- As-Built Drawings

- Preconstruction survey
- Traffic Management Plan

These documents are available from James Schumacher at 141 NW Barstow Street, Waukesha, WI 53187 (262) 521-4428.

Reproduction costs will be applied to all copies requested.

sef-102-005 (20170310)

23. Work Force Opportunities.

The Work Force Opportunities workshop will provide a venue for contractors to have meaningful dialogue with Transportation Alliance for New Solutions (TrANS) providers regarding the hiring of TrANS graduates. Reference ASP-1 for additional information regarding TrANS. The prime contractor and the four largest subcontractors according to let value of work shall provide staff with hiring authority to participate in a job-matching session during this workshop. Workshop participants will, at a minimum:

- Review contractor hiring processes for general labor positions.
- Listen to a presentation provided by TrANS providers regarding the TrANS training program, including details regarding how contractors can hire TrANS graduates.
- Review TrANS graduate availability for working on the project.
- Meet one-on-one for two minutes with each TrANS graduate in attendance at the meeting.

sef-108-036 (20180627)

24. Contractor Notification.

Replace standard spec 104.2.2.2(2) with the following:

- (2) If the contractor discovers the differing condition, provide a written notice, as specified in 104.3.3, of the specific differing condition before further disturbing the site and before further performing the affected work.

Replace standard specs 104.3.2 with the following:

104.3.2 Contractor Initial Written Notice

- (1) If required by 104.2, or if the contractor believes that the department's action, the department's lack of action, or some other situation results in or necessitates a contract revision, promptly provide a written notice to the engineer. At a minimum, provide the following:
1. A written description of the nature of the issue.
 2. The time and date of discovering the problem or issue.
 3. If appropriate, the location of the issue.
- (2) Provide the additional information specified in 104.3.3 as early as possible to assist the engineer in the timely resolution of an identified issue. The engineer will not require, in subsequent submissions, duplication of information already provided.

sef-104-005 (20230620)

25. Contractor Document Submittals.

This special provision describes minimum requirements for submitting project documents to the department. This special provision does not apply to shop drawing submittals.

Provide one electronic copy of all documents requiring department review, acceptance, or approval. Attach a completed engineer-provided transmittal sheet to each email submittal. The department will reject submittals with incomplete transmittal sheets and require re-submittal.

The department will return one reviewed, accepted, or approved original to the contractor. Additional return originals can be requested. Submit an additional original for each additional return original requested.

Submit electronic copies in PDF format via email to accounts the engineer determines. If possible, create PDFs from original documents in their native format (e.g. Word, Excel, AutoCAD, etc.). Scan other documents to PDF format with a minimum resolution of 600 dpi.

All costs for contractor document submittals are incidental to the contract.

sef-105-010 (20150619)

26. Intelligent Transportation Systems (ITS) – Control of Materials.

Standard spec 106.2 – Supply Source and Quality

Add the following to standard spec 106.2:

The department will furnish a portion of equipment to be installed by the contractor. This department-furnished equipment includes the following:

Department-Furnished Items
Wireless Traffic Sensors

Pick-up small department-furnished equipment, such as communications devices, cameras, and controllers, from the department's Statewide Traffic Management Center (TMC), 433 W. St. Paul Ave., Milwaukee, WI 53203 at a mutually agreed upon time during normal state office hours. Contact the department's TMC at (414) 227-2166 to coordinate pick-up of equipment.

Transportation of the equipment between the electric shop and the field or interim location(s) shall be the responsibility of the contractor.

Standard spec 106.3 – Approval of Materials

Add the following to standard spec 106.3:

Design/Shop Drawings

Prior to the purchase and/or fabrication of any of the components listed herein, and for any non-catalog item shown on the Material and Equipment List specified above, and no more than 30 days after notice to proceed, submit five copies of design drawings and shop drawings, as required, to the department for review. The items and the drawings that represent them shall meet the requirements of the standard specifications.

Design drawing submissions shall consist of signed and certified designs, design drawings, calculations, and material specifications for required items.

Shop drawings will be required for, but not limited to the following:

1. Mounting assemblies for the vehicle speed and classification sensors, including their attachment to the structure.
2. Mounting LED warning signs to the sign structure.
3. Mounting detail for dynamic message signs.
4. Any contractor-designed structure or foundation.

The department will complete its review of the material within 30 days from the date of receipt of the submission, unless otherwise specified. The department will advise the contractor, in writing, as to the acceptability of the material submitted. The department may determine that if no exceptions were taken for the item, it is approved, and no further action is required by the contractor; or the item may be partially or totally rejected, in which case modify and/or amend the submittal as required by the department and resubmit the item within 14 days. At this time, the review and approval cycle described above will begin again.

stp-670-005 (20230629)

27. Signs Type I and II.

Furnish and install mounting brackets per approved product list for type II signs on overhead sign supports incidental to sign. For type II signs on sign bridges use aluminum vertical support beams noted above incidental to sign.

Supplement standard spec 637.2.4 with the following:

Use stainless steel bolts, washers and nuts for type I and type II signs mounted on sign bridges or type I signs mounted on overhead sign supports. Use clips on every joint for Sign Plate A 4-6 when mounted on a sign bridge or overhead sign support. Inspect installation of clips and assure bolts and nuts are tightened to manufacturers recommended torque values.

Use aluminum vertical sign support beams that have a 5-inch wide flange and weigh 3.7 pounds per foot, if the L-brackets are 4 inches wide then use 4 inch wide flange beams weighing 3.06 pounds per foot. Contractor shall measure the width of the L-brackets on existing structures to determine the width needed for sign support beams.

Use beams a minimum of six feet in length or equal to the height of the sign to be supported, whichever is greater. Use U-bolts that are made of stainless steel, one-half inch diameter and of the proper size to fit the truss cords of each sign bridge. Install vertical sign support beams on each sign and use new U-bolts to attach each beam to the top and bottom cord of the sign bridge truss.

For type II signs on overhead sign supports follow the approved product list for mounting brackets.

Replace standard spec 637.3.3.2(2) with the following:

- (2) Install Type I Signs at the offset stated in the plan, which shall be the clear distance between the edge of mainline pavement right edgeline and the near edge of the sign.

Supplement standard spec 637.3.3.3(3) with the following:

Furnish and install new aluminum vertical sign support beams on each sign and new U-bolts to attach each beam to the top and bottom cord of the sign bridge truss for Type I or Type II Signs and Type I signs on overhead sign supports incidental to sign.

Add the following to standard spec 641.2:

Submit shop drawings for sign bridges and overhead sign supports to SE Region Traffic Operations Engineer, Tom Heydel and Bureau of Structures Design.

ser-637-001 (20170621)

28. Traffic Control.

Supplement standard spec 643.3.1 with the following:

Provide the Milwaukee County Sheriff's Department, the Wisconsin State Patrol, Milwaukee Police Department and the project engineer a current telephone number with which the contractor or his representative can be contacted during non-working hours in the event a safety hazard develops.

Do not park or store equipment, contractor's and personal vehicles or construction materials within the clear zone or on any roadway carrying traffic during working and non-working hours except at locations and periods of time approved by the engineer.

Do not permit construction or personnel equipment or vehicles to directly cross the live traffic lanes of IH 43. Yield to all through traffic at all locations. Equip all vehicles or equipment operating in the live traffic lanes with a hazard identification beam (flashing yellow signal light) that is visible from 360 degrees. Operate the flashing yellow beam only when merging or exiting live traffic lanes or when parked or operating on shoulders, except when parked behind barrier wall. Do not park personal vehicles within the access control limits of the freeway. Do not cross live traffic lanes of IH 43 with equipment or vehicles.

Obtain prior approval from the engineer for the locations of egress or ingress for construction vehicles to prosecute the work.

Do not disturb, remove or obliterate any traffic control signs, advisory signs, sand barrel array, shoulder delineators or beam guard in place along the traveled roadways without the approval of the engineer.

Ensure that Flagging operations conform to standard spec 104.6.1.(4) and chapter 6E of the WMUTCD.

Replace standard spec 643.3.1.(7) with the following:

Provide equipment, forces, and materials to promptly restore any traffic control devices or pavement markings damaged or disturbed within 2 hours of being contacted.

ser-643-001 (20170808)

29. Work Zone Ingress – Egress.

Any initial set-up and/or changes to the Work Zone Ingress – Egress construction detail in the plan or location(s) should be submitted a minimum of 10 working days before use and are subject to approval by the engineer and the Southeast Region Work Zone Engineer.

ser-643-005 (20180131)

30. Covering Signs.

Replace standard spec 643.2.3.3(2) with the following:

- (2) Ensure that covers are flat black, blank, and opaque.

Add the following to standard spec 643.3.4.1 as paragraph four:

- (4) If multiple messages on a single sign are required to be covered, minimize the number of holes created by covering the sign with a single rectangular shaped covering. Multiple coverings on a single sign is only permissible where necessary to avoid covering necessary content or as directed by the engineer. Submit sign covering plans to the engineer for single signs requiring multiple coverings 3 days before performing work. Obtain engineer approval before covering signs. Remove sign coverings before placing fixed messages signs unless otherwise directed by the engineer.

sef-643-005 (20180104)

31. Traffic Signals, General.

Note that the failure to comply with the state standards and specifications may result in the cost of corrections to be made at the Contractor's expense. Also, any additional disruption of State-owned facilities shall be repaired or relocated as needed at the Contractor's expense.

Notify the department's Electrical Field Unit at (414) 266-1170 at least three weeks prior to the beginning of the traffic signal work.

32. General Requirements for Electrical Work.

Replace 651.3.3(3) of the standard specifications with the following:

Request a signal inspection of the completed signal installation to the engineer at least five (5) working days prior to the time of the requested inspection. Notify the department's Electrical Field Unit at (414) 266-1170 to coordinate the inspection. The department's Region Electrical personnel will perform the inspection. In the event of deficiencies, request a re-inspection when the work is corrected. The engineer will not authorize turn-on until the contractor corrects all deficiencies.

33. Electrical Conduit.

Replace 652.5(2) of the standard specifications with the following:

(2) Payment for Conduit Rigid Metallic, Conduit Rigid Nonmetallic, Conduit Reinforced Thermosetting Resin, and Conduit Special bid items is full compensation for providing the conduit, conduit bodies, and fittings; for providing all conduit hangers, clips, attachments, and fittings used to support conduit on structures; for pull wires or ropes; for expansion fittings and caps; for making necessary connections into an existing pull box, manhole, junction box or communication vault; for excavating, bedding, and backfilling, including any sand, concrete, or other required materials; for disposing of surplus materials; and for making inspections.

34. Electrical Wiring.

Append section 655.5 of the standard specifications with the following:

(3) Payment for Traffic Signal EVP Detector Cable is full compensation for providing emergency vehicle preemption detector cable and for making all necessary connections.

35. Traffic Signal Faces.

Append 658.3 of the standard specifications with the following:

(5) Connect all ungrounded conductors with wire nuts in the appropriate sections of the signal heads, when directed by WisDOT personnel. Connect the neutral conductors to the terminal strip. Be certain to twist wires prior to installing the wire nuts. All wire nuts must be installed facing up to prevent the entrance of water.

36. Signal Mounting Hardware.

Add the following to 658.2(7) of the standard specifications:

Use an approved type of pole or standard vertical mounting brackets/clamps for signal faces from an approved manufacturer. Pedestrian traffic signal heads mounted in the median shall use federal yellow aluminum side of pole 2-way upper and lower arm assemblies providing 16 ½-inch center to center spacing.

**37. Removing Traffic Signals, Holt at 4th, Item 204.9060.S.01;
Removing Traffic Signals, 6th at Mineral, Item 204.9060.S.02.**

A Description

This special provision describes removing the existing traffic signals at the intersections of Holt at 4th and 6th at Mineral, conforming to standard spec 204 and as follows. Specific removal items are noted in the plans.

B (Vacant)

C Construction

Arrange for the de-energizing of the traffic signals with the local electrical utility after receiving approval from the engineer that the existing traffic signals can be removed.

Notify the department's Electrical Field Unit at (414) 266-1170 at least five (5) working days prior to the removal of the traffic signals. Complete the removal work as soon as possible following shut down of this equipment.

All existing equipment shall remain in operation until the temporary traffic signal is energized and fully operational. The existing signal equipment shall only be de-energized when the temporary equipment is energized and fully operational. The de-energizing and removal of the existing equipment may only take place after receiving the approval from the engineer. The existing equipment shall be removed the same day as to not obstruct the newly operating equipment. Any remaining existing signal heads shall be bagged while the temporary signal is in operation.

Remove all designated standards and poles per plan from their concrete footings and disassemble out of traffic. Remove the transformer or pedestal bases from each pole. Remove the signal heads, mast arms, luminaires, wiring/cabling, and traffic signal mounting devices from each signal standard, arm or pole. Ensure that all access hand hole doors and all associated hardware remain intact. Properly dispose of the underground signal cable, internal wires, and street lighting cable. Dispose of the remaining materials as directed by the engineer.

D Measurement

Removing Traffic Signals will be measured as a single unit of work for each intersection acceptably completed.

E Payment

Removing Traffic Signals will be paid for the measured quantity at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.01	Removing Traffic Signals, Holt at 4 th	EACH
204.9060.S.02	Removing Traffic Signals, 6 th at Mineral	EACH

Payment is full compensation for removing specified traffic signal components, disassembly, and disposal of parts as directed by the engineer.

38. Removing Loop Detector Wire and Lead-in Cable, Holt at 4th, Item 204.9060.S.03.

A Description

This special provision describes removing loop detector wire and lead-in cable at the intersections of Holt at 4th as the plans show, conforming to standard spec 204, and as follows.

B (Vacant)

C Construction

Remove and dispose of detector lead-in cable including loop wire for abandoned loops off the project site.

D Measurement

Removing Loop Detector Wire and Lead-in Cable will be measured as a single unit of work for each intersection acceptably completed.

E Payment

Removing Loop Detector Wire and Lead-in Cable will be paid for the measured quantity at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.03	Removing Loop Detector Wire and Lead-in Cable, Holt at 4 th	EACH

Payment is full compensation for removing and properly disposing of loop detector wire and lead-in cable.

39. Sawing Pavement Deck Preparation Areas, Item 509.0310.S.

A Description

This special provision describes sawing around deteriorated areas requiring deck repairs under the Preparation Decks bid items on decks receiving asphalt or polymer overlays and for deck repairs that will not receive an overlay.

B (Vacant)

C Construction

The department will sound and mark areas of deteriorated concrete that require deck preparation. The engineer may identify and mark additional areas as the work is being performed.

Wet cut a minimum of 1 inch deep and at least 2 inches outside of the marked areas. Bound each marked area by providing cuts aligned parallel and perpendicular to the deck centerline.

Remove sawing sludge after completing each area. Do not allow sludge or resulting residue to enter a live lane of traffic, storm sewer, stream, lake, reservoir, marsh, or wetland. Dispose of sludge at an acceptable material disposal site located off the project limits or, if the engineer allows, within the project limits.

D Measurement

The department will measure Sawing Pavement Deck Preparation Areas by the linear foot, acceptably completed, measured as the total linear feet of bounding cuts.

The department will not measure for payment over-cuts or cuts made beyond what is required to bound engineer-marked deterioration limits.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
509.0310.S	Sawing Pavement Deck Preparation Areas	LF

Payment is full compensation for making all saw cuts; and for debris disposal.

stp-509-070 (20180628)

40. Concrete Masonry Deck Repair, Item 509.2100.S.

A Description

This special provision describes providing concrete masonry on the sawed deck preparation areas of the concrete bridge deck and in full depth deck, curb, and joint repair areas. Conform to standard spec 502 and standard spec 509.

B Materials

B.1 Neat Cement

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.

B.2 Concrete

Furnish grade C or E concrete conforming to standard spec 501 for deck preparation, full-depth deck repair, curb repair and joint repair areas except as follows:

1. The contractor may increase slump of grade E concrete to 3 inches.
2. The contractor may use ready-mixed concrete.

Provide QMP for class II ancillary concrete as specified in standard spec 716.

C Construction

C.1 Neat Cement

Immediately before placing the concrete deck patching, coat the prepared surfaces with a neat cement mixture. Ensure the prepared concrete surfaces are moist without any standing water before coating with the neat cement mixture. Brush the neat cement mixture over the prepared concrete surfaces to ensure that all parts receive an even coating, and do not allow excess neat cement to collect in pockets. Apply the neat cement at a rate that ensures the cement does not dry out before being covered with the new concrete.

C.2 Placing Concrete

Place concrete conforming to standard spec 509. As determined by the engineer, consolidate smaller areas by internal vibration, strike them off, and finish the areas with hand floats to produce plane surfaces that conform to the grade and elevation of the adjoining surfaces. Give all deck patching areas a final hand float finish.

C.3 Curing Concrete

Cure the concrete masonry deck patching conforming to standard spec 502.2.6(1).

D Measurement

The department will measure Concrete Masonry Deck Repair by the cubic yard, acceptably completed.

The department will measure concrete used in deck preparation areas and in full depth deck, curb, and joint repair as part of the Concrete Masonry Deck Repair bid item.

The department will not measure wasted concrete.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
509.2100.S	Concrete Masonry Deck Repair	CY

Payment is full compensation for furnishing, hauling, preparing, placing, finishing, curing, and protecting all materials.

stp-509-060 (20210708)

41. Polymer Overlay, Item 509.5100.S.

A Description

This special provision describes providing two layers of a two-component polymer overlay system to the bridge decks the plans show.

B Materials

B.1 General

Furnish materials specifically designed for use over concrete bridge decks. Furnish polymer liquid binders from the department's approved product list.

B.2 Polymer Resin

Furnish a polymer resin base and hardener composed of two-component, 100 percent solids, 100 percent reactive, thermosetting compound with the following properties:

Property	Requirements	Test Method
Gel Time ^[1]	15 - 45 minutes @ 73° to 75° F	ASTM C881
Viscosity ^[1]	7 - 70 poises	ASTM D2393, Brookfield RVT, Spindle No. 3, 20 rpm
Shore D Hardness ^[2]	60-75	ASTM D2240
Absorption ^[2]	1% maximum at 24 hr	ASTM D570
Tensile Elongation ^[2]	30% - 70% @ 7 days	ASTM D638
Tensile Strength ^[2]	2000 to 5000 psi @ 7 days	ASTM D638
Chloride Permeability ^[2]	<100 coulombs @ 28 days	AASHTO T277

^[1] Uncured, mixed polymer binder

^[2] Cured, mixed polymer binder

Ensure that the polymer resin when mixed with aggregate has the following properties:

Property	Requirement ^[1]	Test Method
Minimum Compressive Strength	1,000 psi @ 8 hrs 5,000 psi @ 24 hrs	ASTM C579 Method B, Modified ^[2]
Thermal Compatibility	No Delaminations	ASTM C884
Minimum Pull-off Strength	250 psi @ 24 hrs	ASTM C1583

^[1] Based on samples cured or aged and tested at 75°F

^[2] Plastic inserts that will provide 2-inch by 2-inch cubes shall be placed in the oversized brass molds.

B.3 Aggregates

Furnish natural or synthetic aggregate that is non-polishing; clean; free of surface moisture; fractured or angular in shape; free from silt, clay, asphalt, or other organic materials; and conform to the following:

Aggregate Properties

Property	Requirement	Test Method
Moisture Content ^[1]	1/2 of the measured aggregate absorption, %	ASTM C566
Hardness	≥6.5	Mohs Scale
Fractured Faces	100% with at least 1 fractured face & 80% with at least 2 fractured faces of material retained on No.16	ASTM D5821
Absorption	≤1%	ASTM C128

^[1] Sampled and tested by the department before placement.

Gradation

Sieve Size	% Passing by Weight
No. 4	100
No. 8	30 – 75
No. 16	0 – 5
No. 30	0 – 1

B.4 Approval of Bridge Deck Polymer Overlay System

A minimum of 20 working days before application, submit product data sheets and specifications from the manufacturer, and a certified report of test or analysis from an independent laboratory to the engineer for approval. The department will sample and test the aggregates for gradation and moisture content before placement. If requested, supply the department with samples of the polymer for the purpose of acceptance testing.

B.4.1 Product Data Sheets and Specifications

Product data sheets and specifications from the manufacturer consists of literature from the manufacturer showing general instructions, application recommendations/methods, product properties, general instructions, or any other applicable information.

B.4.2 Certified Report of Test or Analysis

Conform to the following:

Polymer Binder: Submit a certified report of test or analysis from an independent laboratory dated less than 3 years before the date of the project letting showing the polymer binder meets the requirements of section B.2.

Aggregates: Submit a certified report of test or analysis from an independent laboratory dated less than 6 months before the date of the project letting showing the aggregates meet the requirements of section B.3.

C Construction

C.1 General

Ensure that the overlay system is 1/4 inch thick or thicker.

Conform to the following:

Field Review: Conduct a field review of the existing deck to identify any possible surface preparation and material compatibility issues.

Pre-Installation Meeting: Conduct a pre-installation meeting with the manufacturer's representative and the engineer before construction. Discuss the field review findings, verification testing of the surface preparation and establish procedures for maintaining optimum working conditions and coordination of work. Furnish the engineer a copy of the recommended procedures and apply the overlay system according to the manufacturer's instructions. Supply for the engineer's use for the duration of the project, a Concrete Surface Profile (CSP) chip set of 10 from the International Concrete Repair Institute (ICRI).

Manufacturer's Representative: An experienced manufacturer's representative familiar with the overlay system installation procedures shall be present at all times during surface preparation and overlay placement to provide quality assurance that the work is being performed properly. This requirement may be reduced at the engineer's discretion.

Material Storage: Store and handle materials according to the manufacturer's recommendations. Store resin materials in their original containers in a dry area. Store all aggregates in a dry environment and protect aggregates from contaminants on the job site.

C.2 Deck Preparation

C.2.1 Deck Repair

Remove all asphaltic patches and unsound or disintegrated areas of the concrete decks as the plans show, or as the engineer directs. Work performed to remove and repair the concrete deck will be paid for under other items.

Use deck patching products that are compatible with the overlay system. Patching materials with magnesium phosphate shall not be used. Place patches after surface is prepared via shot blasting and cleaning as described in Section C.2.2 of this specification. Portland cement concrete patches shall be used for joint repairs and full depth deck repairs with a plan area larger than 4 sf, unless approved otherwise by the Structures Design Section. If rapid-set concrete is used, place patches per the manufacturer's recommendation. If Portland cement concrete is used, place patches per standard spec 509.3.9.1.

Deck patching shall be filled and properly finished prior to overlay placement. Do not place overlay less than 1 hour, or per the manufacturer's recommendation, after placing rapid-set concrete patches in the repair areas. Do not place overlay less than 28 days after placing Portland cement concrete patches in the repair areas.

C.2.2 Surface Preparation

Determine an acceptable shotblasting machine operation (size of shot, flow of shot, forward speed, and/or number of passes) that provides a surface profile meeting CSP 5 (medium-heavy shotblast) according to the ICRI Technical Guideline No. 310.2. If the engineer requires additional verification of the surface preparation, test the tensile bond strength according to ASTM C1593. The surface preparation will be considered acceptable if the tensile bond strength is greater than or equal to 250 psi or the failure area at a depth of 1/4 inches or more is greater than 50 percent of the test area. Continue adjustment of the shotblasting machine and necessary testing until the surface is acceptable to the engineer or a passing test result is obtained.

Prepare the entire deck using the final accepted adjustments to the shotblasting machine as determined above. Thoroughly blast clean with hand-held equipment any areas inaccessible by the shotblasting equipment. Do not perform surface preparation more than 24 hours before the application of the overlay system.

Protect drains, expansion joints, access hatches, or other appurtenances on the deck from damage by the shot and sand blasting operations and from materials adhering and entering. Tape or form all construction joints to provide a clean straight edge.

Before shot blasting, remove pavement markings within the treatment area using an approved mechanical or blasting method.

Prepare the vertical concrete surfaces adjacent to the deck a minimum of 2" above the overlay according to SSPC-SP 13 (free of contaminants, dust, and loose concrete) by sand blasting, using wire wheels, or other approved method.

Just before overlay placement, clean all dust, debris, and concrete fines from the prepared surfaces including the vertical surfaces with compressed air. When using compressed air, the air stream must be free of oil. Any grease, oil, or other foreign matter that rests on or has absorbed into the concrete shall be removed completely. If prepared surfaces (including the first layer of the polymer overlay) are exposed to rain or dew, lightly sandblast (brush/breeze blast) the exposed surfaces.

The engineer may consider alternate surface preparation methods per the overlay system manufacturer's recommendations. The engineer will approve the final surface profile and deck cleanliness before the contractor placing the polymer overlay.

C.2.3 Transitional Area

If the plans show, create a transitional area approaching transverse expansion joints and ends of the deck using an approved mechanical or blasting method. Remove 1/4 inch to 5/16 inch of concrete adjacent to the joint or end of deck and taper a distance of 3 feet.

If the plans show, create a transitional area on the approach pavement. Prep and place the first lift 3 feet beyond the end of the deck the same width as the deck. Prep and place the second lift 6 feet beyond the end of the deck the same width as the deck.

C.3 Overlay Application

Perform the handling and mixing of the polymer resin and hardening agent in a safe manner to achieve the desired results according to the manufacturer's instructions. Do not apply the overlay system if any of the following exists:

1. Ambient air temperature is below 50 F or above 100 F.
2. Deck temperature is below 50 F.
3. Moisture content in the deck exceeds 4.5 percent when measured by an electronic moisture meter or shows visible moisture after 2 hours when measured in accordance with ASTM D4263.
4. Rain is forecasted during the minimum curing periods listed under C.5.
5. Materials component temperatures below 65 F or above 99 F.
6. Concrete deck age is less than 28 days.
7. The deck temperature exceeds 100 F.
8. If the gel time is 10 minutes or less at the predicted high air temperature for the day.

After the deck has been shotblasted or during the overlay curing period, only necessary surface preparation and overlay application equipment will be allowed on the deck. Provide appropriate protective measures to prevent contamination from equipment allowed on the deck during preparation and application operations. Begin overlay placement as soon as possible after surface preparation operations.

The polymer overlay shall consist of a two-course application of polymer and aggregate. Each of the two courses shall consist of a layer of polymer covered with a layer of aggregate in sufficient quantity to completely cover the polymer. Apply the polymer and aggregate according to the manufacturer's requirements. Apply the overlay using equipment designed for this purpose. The application machine shall feature positive displacement volumetric metering and be capable of storing and mixing the polymer resins at the proper mix ratio. Disperse the aggregate using a method that provides a uniform, consistent coverage of aggregate and minimizes aggregate rolling or bouncing into final position. First course applications that do not receive enough aggregate before the polymer gels shall be removed and replaced. A second course applied with insufficient aggregate may be left in place, but will require additional applications before opening to traffic.

After completion of each course, cure the overlay according to the manufacturer's instructions. Follow the minimum cure times listed under C.5 or as prescribed by the manufacturer. Remove the excess aggregate from the surface treatment by sweeping, blowing, or vacuuming without tearing or damaging the surface; the material may be re-used if approved by the engineer and manufacturer. Apply all courses of the overlay system before opening the area to traffic. Do not allow equipment or traffic on the treated area until directed by the engineer.

After the first layer of coating has cured to the point where the aggregate cannot be pulled out, apply the second layer. Before applying the second layer, broom and blow off the first layer with compressed air to remove all loose excess aggregate.

Before opening to traffic, clean expansion joints and joint seals of all debris and polymer. A minimum of 3 days following opening to traffic, remove loosened aggregates from the deck, expansion joints, and approach pavement.

C.4 Application Rates

Apply the polymer overlay in two separate courses in accordance with the manufacturer's instructions, but not less than the following rate of application.

Course	Minimum Polymer Rate ^[1] (GAL/100 SF)	Aggregate ^[2] (LBS/SY)
1	2.5	10+
2	5.0	14+

^[1] The minimum total applications rate is 7.5 GAL/100 SF.

^[2] Application of aggregate shall be of sufficient quantity to completely cover the polymer.

C.5 Minimum Curing Periods

As a minimum, cure the coating as follows:

Course	Average temperature of deck, polymer and aggregate components in degrees F							
	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99
1	6 hrs.	5 hrs.	4 hrs.	3 hrs.	2.5 hrs	2 hrs	1.5 hrs.	1 hr.
2	8 hrs.	6.5 hrs.	6.5 hrs.	5 hrs.	4 hrs.	3 hrs.	3 hrs.	3 hrs.

If faster cure times are desired and achievable, submit to the engineer a certified test report from an independent laboratory showing the material is able to reach a compressive strength of 1000 psi as tested per ASTM C 579 Method B within the temperature ranges and cure times for which the product is proposed to be placed. Establish ambient air, material, and substrate temperatures from the manufacturer for field applications. Field applications will not be allowed below the documented temperatures.

C.6 Repair of Polymer Overlay

Repair all areas of unbonded, uncured, or damaged polymer overlay for no additional compensation. Submit repair procedures from the manufacturer to the engineer for approval. Absent a manufacturer's repair procedures and with the approval of the engineer, complete repairs according to the following: Saw cut the limits of the area to the top of the concrete; remove the overlay by scarifying, grinding, or other approved methods; shot blast or sand blast and air blast the concrete before placement of polymer overlay; and place the polymer overlay according to section C.3.

D Measurement

The department will measure Polymer Overlay by the square 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
509.5100.S	Polymer Overlay	SY

Payment is full compensation for preparing the surface; for tensile bond testing; for creating the transitional area; for providing the overlay; for cleanup; and for sweeping/vacuuming and disposing of excess materials.

The department will pay separately for deck repairs.

stp-509-030 (20200629)

42. Epoxy Injection Crack Repair, Item 509.9025.S; Cored Holes 2-Inch Diameter, Item 509.9026.S.

A Description

This special provision describes repairing structural cracks in concrete structures using the epoxy injection method, and coring 2 inch diameter core samples in substructures only for the repaired cracks.

Conform to standard spec 509 as modified in this special provision.

B Materials

Furnish epoxy injection material and surface seal material specifically designed for concrete crack injection.

Furnish epoxy injection material that is insensitive to the presence of water and is composed of a two-component epoxy resin designed specifically for structurally re-bonding cracks in Portland cement concrete. The epoxy injection material shall conform to the following physical properties at 77 degrees F:

	Unmixed		Mixed
	Component A (Resin)	Component B (Catalyst)	
Weight per gallon, lbs	9.15 ±0.1	8.2 ±0.1	9.15 ±0.1
Viscosity, cps	500-700	120-160	275-350
Specific Gravity, g/cc	1.128 ±0.012	0.984 ±0.012	1.099 ±0.012
Color Straw	Straw	Straw	Straw
Shelf Life (closed containers)	2 years	2 years	---
Solids by Weight	---	---	100%
Pot Life (200 gram mass)	---	---	12-15 mins.
Mixing Ratio (by weight)	80%	20%	---
Mixing Ratio (by volume)	78%	22%	---
Bond Strength	---	---	2000 psi min
Shrinkage Resistance	---	---	ASTM C883
Thermal Compatibility	---	---	ASTM C884

Furnish surface seal material for confining the injected epoxy resin in the cracks that meets the following requirements:

1. Adequate strength to hold the injection fittings firmly in place to resist injection pressures and prevent leakage during injection.
2. Non-sag consistency.
3. Insensitive to the presence of water.
4. Controlled cure time.
5. Two-component epoxy resin.
6. 100% solids by weight.
7. Applicable to wet surfaces.
8. Viscosity should be paste.

C Construction

C.1 Injection Equipment

Use equipment to meter and mix the two-epoxy resin components and to inject the mixture into the cracks. The equipment shall be portable and have positive displacement type pumps equipped with an interlock to provide positive ration control of exact proportions of the two components at the nozzle. Use electric or air powered pumps that provide in-line metering and mixing.

Use injection equipment that has automatic pressure control capable of discharging the mixture at any present pressure up to 160 psi (±5 psi) and is equipped with a manual pressure control override.

The equipment shall have the capability of maintaining the volume ratio for the mixture prescribed by the manufacturer of the epoxy resin material within a tolerance of ±5% by volume at any discharge pressure up to 160 psi.

The injection equipment shall be equipped with sensors on both the Component A and B reservoirs that will automatically stop the machine when only one component is being pumped to the mixing head.

C.2 Surface Area Preparation

Clean the surface areas adjacent to cracks of all dirt, dust, grease, oil, efflorescence, or other foreign matter, which may be detrimental to adhesion of the surface seal material. Acids and corrosives will not be permitted for cleaning.

Install injection ports along the crack at intervals of 4 to 10 inches, or as appropriate to accomplish full penetration of the injection resin. Center the injection ports over the cracks and secure in place using surface seal material. Where possible, install the injection ports over the widest areas of the cracks.

Apply the surface seal material to the face of the crack between the entry ports. For known through cracks, apply the surface seal material to both faces of the member. Before proceeding with the injection operation, allow sufficient time to elapse for the surface seal material to gain adequate strength.

C.3 Epoxy Injection

Install the epoxy injection resin according to the manufacturer's instructions.

During installation, in general, limit pressures to 35 psi at the point of entry into the crack.

On vertical cracks, start the injection at the lowest point and continue upward along the crack. While injecting, resin should flow to and out of the next higher port. When this flow is established, cap the lower port, and continue the injection until all ports have been injected and flow has been established between them.

On horizontal cracks, follow the same procedures used for vertical cracks; start the injection at one end and continue the injection in succession along the crack until all ports have been injected and flow has been established between them.

C.4 Finishing and Clean-Up

When cracks are completely filled, cure the epoxy resin for a sufficient length of time so that when the surface seal is removed, there is no draining or runback of the epoxy material from the cracks. Grind, or use other appropriate method, to remove surface seal material, excess epoxy material, and injection ports. No epoxy material shall extend beyond the plane of the surfaces of the in-situ concrete.

C.5 Core Sampling

To determine if the crack injection is complete, obtain two 2 inch diameter core samples from the repaired pier. Take the cores to the depth of the element or at least 12 inches. Take the cores at locations selected by the engineer. The engineer will have the option of increasing or decreasing the number of cores taken.

The injection shall be considered complete if more than 90% of the crack void, to 12 inches deep, is filled with the epoxy resin in each of the samples taken. If the injection is incomplete, re-injection and additional cores may be required.

Repair the core holes left in the member using one of the two following methods:

1. Fill core holes with an epoxy mortar consisting of one part epoxy injection resin to four parts clean, dry, bagged fine aggregate mixed by volume. Match the finish repair to the surrounding surface.
2. Fill core holes with an epoxy mortar consisting of one part epoxy gel to one part clean, dry, bagged fine aggregate mixed by volume. Match the finish repair to the surrounding surface.

D Measurement

The department will measure Epoxy Injection Crack Repair in length by the linear foot crack, acceptably repaired.

The department will measure Cored Holes 2-Inch Diameter as each individual cored hole, as approved by the engineer and acceptably completed. Additional cores taken as required by the engineer after re-injection (due to incomplete injection) will not be measured for payment. Additional cores taken by the contractor that are not ordered by the engineer will not be measured for payment.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
509.9025.S	Epoxy Injection Crack Repair	LF
509.9026.S	Cored Holes 2-Inch Diameter	EACH

Payment is full compensation for furnishing and placing the epoxy sealant, including any cleaning before and after injection; coring samples of the work; inspecting the core samples; and for repairing the core holes left in the member.

stp-509-025 (20240703)

43. 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)

44. Electrical Service Meter Breaker Pedestal, Holt at 4th, Item 656.0201.01; Electrical Service Meter Breaker Pedestal, 6th at Mineral, Item 656.0201.02.

Append 656.2.3 of the standard specifications with the following:

(2) The department will be responsible for the electrical service installation or relocation request for any department-maintained facility. Notify the maintaining authority if the signal is not state maintained that it is their responsibility to arrange for the electrical service installation.

(3) Electrical utility company service installation and energy cost will be billed to and paid for by the department.

(4) Install the cabinet base and meter breaker pedestal first, so the electrical utility company can install the service lateral. Install a 3" conduit from the point of service from the utility to the meter breaker pedestal. Finish grade the service trench, replace topsoil that is lost or contaminated with other materials, fertilize, seed, and mulch all areas that are disturbed by the electrical utility company.

Append 656.5 of the standard specifications with the following:

(8) Payment is full compensation for grading the service trench; replacing topsoil; and for fertilizing, seeding, and mulching to restore the disturbed area of the service trench.

45. Temporary Traffic Signals for Intersections, Holt Ave at 4th St, Item 661.0201.01, 6th St at Mineral St, Item 661.0201.02

Modify section 661 of the standard specifications with the following:

661.2.1 General

The City of Milwaukee will furnish control cabinet, signal controller, NEMA monitor and incidentals to control cabinet.

The City of Milwaukee will provide the temporary electrical service for temporary traffic signals up to disconnect point.

46. Cleaning and Sealing Concrete Girder Ends, Item SPV.0060.01.

A Description

This special provision describes the removing of any loose, delaminated, or deteriorated concrete from end 5 feet of concrete girders, cleaning any exposed bar steel reinforcement or steel prestressing strand, applying an organic zinc rich primer and top coat to areas of cleaned exposed steel, and applying a non-pigmented epoxy- where shown in the plans, and as directed by the engineer.

B Materials

B.1 Non-Pigmented Epoxy

Furnish a non-pigmented epoxy conforming to AASHTO M-235 Type III, Grade 2, Class B or C.

B.2 Coating System

Furnish primary organic zinc rich layer and intermediate layer paint from the department's approved product list for structure overcoating cleaning and priming.

C Construction

C.1 Surface Preparation

Use construction methods according to standard spec 203 and 517, and as hereinafter provided:

1. Take necessary precautions while removing deteriorated concrete to preclude damage to the remaining sound concrete and preserve all existing reinforcing steel and prestressing strands. Clean, realign and retie existing reinforcing steel, as the engineer considers necessary.
2. Clean all exposed bar steel reinforcement and steel prestressing strands to remove all rust and corrosion prior to painting. Provide Near-White Blast Cleaning (SSPC-SP10 or SSPC-SP11) level of cleanliness to the engineer's satisfaction.

C.2 Coating Application

Apply organic zinc rich primer and intermediate paint coat in a neat, workmanlike manner, and according to the Manufacturer's instruction and recommendations at locations shown on the plans and as directed by the engineer. Paint application shall be by brush. The color of the primer shall be such that a definite contrast between it and the color of the blasted steel is readily apparent. The color of the paint's top coat shall be concrete gray.

C.3 Epoxy Application

Coat exposed strand ends, girder ends, and all non-bonding surfaces within the surface preparation and coating application extents shown on the plans and as directed by the engineer with a non-pigmented epoxy. The epoxy shall be applied after zinc rich primer and intermediate paint coat are fully dry.

D Measurement

The department will measure Cleaning Concrete Girder Ends per concrete girder, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.01	Cleaning and Sealing Concrete Girder Ends	EACH

Payment is full compensation for removing loose, delaminated, or deteriorated concrete; preparing and cleaning exposed steel; furnishing and applying paint to exposed steel surfaces; furnishing and applying epoxy, cleaning up; and containing, collecting, and disposal of all waste material.

47. Embedded Galvanic Anodes, Item SPV.0060.02.

A Description

This special provision describes furnishing and installing embedded galvanic anodes in concrete.

B Materials

Furnish pre-manufactured galvanic anodes designed for cathodic protection when embedded in concrete and tied to steel reinforcing. The core of the anode shall consist of a minimum of 1.3 ounces of electrolytic zinc in compliance with ASTM B418 Type II, cast around a pair of steel tie wires and encased in a cementitious shell with a minimum pH of 14. The anodes shall have one side that is less than 1-1/2 inches in height.

Submit the product information to the engineer for approval. Supply a certification of compliance to the engineer a minimum of two weeks before starting work. Deliver, store, and handle all materials according to the manufacturer's instructions.

C Construction

C.1 Concrete Repair

Repair the concrete and prepare the exposed reinforcing steel conforming to standard spec 509.

C.2 Galvanic Anode Installation

C.2.1 Install embedded galvanic anodes conforming to the manufacturer's recommendations.

C.2.2 Attach galvanic anodes to existing reinforcement along the perimeter of the repair at spacing as specified on the plans. Space anodes no further than 24 inches apart.

C.2.3 Provide 3/4-inch clearance between anodes and substrate.

C.2.4 Secure the galvanic anodes as close as possible to the patch edge using the anode tie wires. Tighten the tie wires to allow no free movement.

If the anode is to be tied onto a single bar, or if less than 1-1/2 inch of concrete cover is expected, place anode beneath the uncoated bar and secure to reinforcing steel.

If 1-1/2 inch concrete cover will exist over the anode, the anode may be placed at the intersection between two bars and secured to each bar.

C.3 Electrical Continuity

Confirm electrical connection between anode tie wire and uncoated reinforcing steel with a multi-meter. The maximum DC resistance shall be 1 Ohm. Confirm electrical continuity of the exposed uncoated reinforcing steel within the repair area. Steel reinforcement shall be considered continuous when the DC resistance is 1 Ohm or less. If necessary, establish the electrical continuity with uncoated steel tie wire.

C.4 Inspection

Obtain engineer's verification of proper installation of the galvanic anodes prior to placement of the concrete.

D Measurement

The department will measure Embedded Galvanic Anodes as 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.0060.02	Embedded Galvanic Anodes	EACH

Payment is full compensation for furnishing and for properly installing anodes.

Concrete repair work, and concrete for that work, will be paid for separately.

48. Adjusting Water Valve Boxes, Item SPV.0060.03.

A Description

This special provision describes adjusting, protecting, and maintaining accessibility, for the duration of the paving project, to all City of Milwaukee water service boxes and water valve boxes located within the project limits.

B Materials

All material for the adjustment of these facilities shall meet City of Milwaukee specifications and will be provided by the City of Milwaukee by contacting Syreeta Woodley, Milwaukee Water Works, at (414)708-2753 (or Andray DeCordova, Milwaukee Water Works at (414)286-6302).

If there is contractor damage, the materials must still be provided by the City of Milwaukee, however, in this case, the Contractor will be charged for all materials. Materials furnished by the City of Milwaukee and not used on the project shall be delivered back to DPW Field Headquarters – Infrastructure, Operations, Water Works at 3850 N. 35th St.

C Construction

The Contractor, or authorized project representative, shall contact Milwaukee Water Works prior to the start of construction. The City will locate, mark, inspect and repair all water service boxes and water valve boxes within the limits of the project prior to commencement of work on the project. All water service boxes and water valve boxes within the project limits shall be adjusted to proposed elevations by the Contractor using materials meeting city specifications.

Throughout the duration of the project, the Contractor must ensure that all water service boxes and water valve boxes are adequately located and identified by blue paint, and that at all times, all water appurtenances remain accessible for operation by city forces. Exercise caution working adjacent to water facilities to avoid damage and ensure accessibility.

Upon completion of the contract, the City will inspect all water facilities to ensure the water boxes are clean, properly aligned, and accessible. The Contractor shall be responsible to make identified repairs and adjustments, and if any repairs or adjustments are made by the City, the cost will be charged to the Contractor.

D Measurement

The department will measure Adjusting Water Valve Boxes as 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.0060.03	Adjusting Water Valve Boxes	EACH

Payment is full compensation for all excavation, backfilling, disposal of surplus materials, water box adjustments, water box clean-out, and restoration of the work site.

49. Blinders for Type II Signs, Item SPV.0060.05.

A Description

This special provision describes providing and installing blinders for type II signs.

B Materials

Blinders shall shield signs from being visible to traffic on adjacent roadways to which they do not apply. Blinders shall consist of vertical louvers and shall be black. Submit product data to the engineer for approval prior to ordering and installing blinders.

C Construction

Mount blinders to signs in accordance with the manufacturer's instructions. Signs shall be angled toward the direction of traffic to which they apply.

D Measurement

The department will measure Blinders for Type II Signs as 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.0060.05	Blinders for Type II Signs	EACH

Payment is full compensation for furnishing and installing blinders.

50. Install Wireless Traffic Sensor, Item SPV.0060.06.

A Description

This special provision describes installing department furnished in-pavement flush-mount wireless sensors to detect and count vehicles using the respective road or ramp.

B Materials

The department will furnish the wireless traffic sensor and the epoxy to be used in filling the pavement core.

C Construction

Install wireless traffic sensors at locations as shown on the plans.

Core or drill hole in pavement at least 4" (10 cm) in diameter and 2 ¼" (5.7 cm) deep using a hammer or core drill and vacuum or brush the hole clear of dust and debris.

Use a vacuum to clean dust and debris from the cored hole.

Use a heat gun to ensure the hole is free from moisture.

Use a 2:1 dual cartridge epoxy applicator tool to apply epoxy.

Apply epoxy to the bottom of the hole to a depth of half of the height of the sensor.

Install sensor in hole ½-inch below the road surface making certain the arrow on the sensor label points the direction of traffic flow.

Take every precaution to ensure that the sensor node is not damaged during storage or installation.

The contractor or field system integrator shall furnish all equipment, appliances, and labor necessary to test the installed sensor node.

Make all communications connections between the wireless sensor, access point and repeater, as required to provide a fully operational detection system.

After the wireless sensor node has been installed, and all other sensor equipment has been installed, perform a field test at the sensor location to verify the sensor is detecting vehicles and accurately relaying the information to the access point.

Furnish all test equipment.

D Measurement

The department will measure Install Wireless Traffic Sensor as 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.0060.06	Install Wireless Traffic Sensor	EACH

Payment for Wireless Traffic Sensor is full compensation for installing all materials, necessary to completely install the sensor node; for connecting all the equipment; for configuring the system; and for testing the wireless communications signal strength; and for verifying proper operation.

51. Remove Pole and Wire, Item SPV.0060.07.

A Description

Remove pole and fill hole. Remove all traffic signal wires from cabinet to pole.

B Materials

Furnish sufficient soil to fill the hole left by pole

C Construction

Remove pole and fill hole to match surroundings. Properly dispose of removed wire.

D Measurement

The Department will measure this item by the each (EACH) unit of measure.

E Basis of Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.07	Remove Pole	EACH

Payment is full compensation for removing and disposing of pole, filling hole with soil, and restoration.

52. Remove Traffic Signal Face, Item SPV.0060.08.

A Description

Remove traffic signal face.

B Materials

Vacant.

C Construction

Remove signal faces.

D Measurement

The Department will measure this item by the each (EACH) unit of measure.

E Basis of Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.08	Remove Traffic Signal Face	EACH

Payment is for full compensation for removing traffic signal face and disposal as directed by the engineer.

53. Voice Instruction Audible Pushbutton, Item SPV.0060.09.

A Description

Furnish and install a Voice Instruction Audible Pushbutton.

B Materials

The Voice Instruction Audible Pushbutton shall be a 2-wire pushbutton that meets ADA requirements. The pushbutton shall be capable of providing audio cues with sound emanating from both the front and back of the unit. Sound shall be synchronized between units and automatically adjust to ambient sound levels. Changing settings and firmware updates shall be done wirelessly over Bluetooth. The switch operating life shall be greater than 20 million operations. The pushbutton station shall have an MUTCD compliant sign on its faceplate.

C Construction

Install a Voice Instruction Audible Pushbutton as shown on plans. Follow requirements outlined in MUTCD Section 4E.9 through 4E.12. Pushbutton plates and related signage should provide the direction of travel with a single or double arrow as required and shall be properly focused upon installation.

D Measurement

The Department will measure both items by the each (EACH) unit of measure.

E Basis of Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.09	Voice Instruction Audible Pushbutton	EACH

Payment is full compensation for furnishing and installing voice instruction audible pushbutton and focusing arrows.

54. Temporary Infrared EVP System, Holt at 4th, Item SPV.0060.10; Temporary Infrared EVP System, 6th at Mineral, Item SPV.0060.11.

A Description

This special provision describes furnishing, installing, maintaining and placing into operation temporary infrared EVP systems at the temporary signalized intersections as shown in the plans.

B Materials

Furnish an infrared emergency vehicle preemption system compatible with the temporary traffic signal controller.

C Construction

The temporary infrared EVP system, as shown in the temporary traffic signal plans or as directed by the engineer, shall be complete in place, tested, and in full operation during each stage of construction.

Install the temporary infrared EVP system as shown in the plans and according to the manufacturer's recommendations. Detectors may be mounted on the temporary traffic signal span wire or wood poles. It shall be the contractor's responsibility to relocate the temporary infrared EVP detectors to a suitable location if there is impedance on the sensor operation. Arrange for testing of equipment prior to acceptance of the installation for each construction stage.

All cables associated with the temporary infrared EVP system shall be routed to the cabinet. Each lead shall be appropriately marked as to which EVP channel it is associated.

Periodic adjustment and/or moving of the temporary infrared EVP detectors may be required due to changes in traffic control, staging, or other construction operations.

Ensure that the temporary infrared EVP system stays in clean working order. Periodic cleaning of the equipment may be required due to dirt and dust build-up.

D Measurement

Temporary Infrared EVP System will be measured as a single unit of work for each intersection acceptably completed.

E Payment

Temporary Infrared EVP System will be paid for the measured quantity at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.10	Temporary Infrared EVP System, 6 th at Mineral	EACH
SPV.0060.11	Temporary Infrared EVP System, Holt at 4 th	EACH

Payment is full compensation for furnishing and installing all required equipment, materials, and supplies; for maintaining and changing the EVP detectors to match the plans, traffic control, and construction staging; for relocating the temporary EVP detectors due to construction activities, if required; for testing

the EVP system for each stage and sub-stage of construction; for periodically cleaning all temporary EVP detectors; and for removing the equipment at the completion of the project.

- 55. Install Type 9 Pole, Item SPV.0060.12;
Install Type 10 Pole, Item SPV.0060.13;
Install Type 9 Special Pole, Item SPV. 0060.14;
Install Type 10 Special Pole, Item SPV.0060.15;
Install Monotube Arms 30-FT, Item SPV.0060.16;
Install Monotube Arms 40-FT Special, Item SPV.0060.17;
Install Monotube Arms 45-FT Special, Item SPV.0060.18;
Install Luminaire Arms Steel 15-FT, Item SPV.0060.19.**

A Description

This special provision describes installing department furnished monotube poles, monotube arms, and luminaire arms as shown on the plans and as directed by the Engineer.

B Materials

Conform to the pertinent requirements of section 657.2 of the standard specifications and as shown on the plans.

C Construction

Conform to the pertinent requirements of section 657.3 of standard specifications and as shown on the plans.

D Measurement

Installing department furnished monotube poles, monotube arms, and luminaire arms shall be measured as each individual pole or arm installed and acceptably completed.

E Payment

Installing department furnished monotube poles, monotube arms, and luminaire arms shall be paid for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.12	Install Type 9 Pole	EACH
SPV.0060.13	Install Type 10 Pole	EACH
SPV.0060.14	Install Type 9 Special Pole	EACH
SPV.0060.15	Install Type 10 Special Pole	EACH
SPV.0060.16	Install Monotube Arms 30-FT	EACH
SPV.0060.17	Install Monotube Arms 40-FT Special	EACH
SPV.0060.18	Install Monotube Arms 45-FT Special	EACH
SPV.0060.19	Install Luminaire Arms Steel 15-FT	EACH

Payment is full compensation for installing all materials, including all associated hardware, fittings, mounting devices, and attachments necessary to completely install the pole and arms.

- 56. Traffic Control Close-Open Freeway Entrance Ramp, Item SPV.0060.20.**

A Description

This special provision describes closing and re-opening a freeway entrance ramp and associated auxiliary lane.

B (Vacant)

C Construction

Install or reposition traffic control devices required for closing a freeway entrance ramp and adjacent auxiliary lanes. Remove or return traffic control devices to their previous configuration when the closure is no longer required.

D Measurement

The department will measure Traffic Control Close-Open Freeway Entrance Ramp by each individual ramp closure, 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.0060.20	Traffic Control Close-Open Freeway Entrance Ramp	EACH

Payment is full compensation for daily surveillance; preparing and submitting the daily surveillance report with hourly metered tickets; mobilization; sweeping; and disposing of materials. Traffic Control devices will be paid separately.

sef-643-001 (20180627)

57. Traffic Control Full Freeway Closure, Item SPV.0060.21.

A Description

This special provision describes closing and re-opening a freeway or expressway.

B (Vacant)

C Construction

Install or reposition traffic control devices required for a full freeway closure. Remove or return traffic control devices to their previous configuration when the full closure is no longer required.

D Measurement

The department will measure Traffic Control Full Freeway Closure by each individual freeway closure that is set up and later removed in each traffic direction, 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.0060.21	Traffic Control Full Freeway Closure	EACH

Payment is full compensation for closing, and re-opening the freeway. Traffic Control devices will be paid separately.

sef-643-003 (20180627)

58. Traffic Control Local Road Lane Closures, Item SPV.0060.22.

A Description

This special provision describes closing and reopening a local road lane or lanes, including full closure conforming to standard spec 643, the plans, and as directed by the engineer.

B (Vacant)

C Construction

Install or reposition traffic control devices required for closing a local road or lanes of a local road. Remove or return traffic control devices to their previous configuration when the closure is no longer required.

D Measurement

The department will measure Traffic Control Local Road Lane Closures by each individual closure, acceptably completed. The department will not measure the closure of a local road not deemed necessary 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.0060.22	Traffic Control Local Road Lane Closures	EACH

Payment is full compensation for closing and re-opening a local road lane or lanes.

sef-643-035 (20171004)

59. Field Facilities Office Space, Item SPV.0060.23.

A Description

This special provision describes furnishing, equipping, and maintaining a field office as required in the contract at engineer-approved locations conforming to standard spec 642 and as follows.

B Materials

Provide Field Facilities Office Space conforming to standard spec 642.2.1 except delete paragraphs (1), (8), and (10).

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, and stock with sanitary supplies for the duration of the contract. Furnish office space in an existing office building or existing building converted to office space with a minimum of 1200 square feet. The facility shall have no fee parking with a minimum parking for 15 cars. The space shall include a meeting room with a minimum of 350 square feet. The exterior door(s) shall have locks in good working order and keys provided for all field staff. The office space shall be located within 2 miles of the construction project.

Equip the office as specified in standard spec 642.2.2.1 except delete paragraph (1) and (5) and add the following:

1. 5 suitable office desks with drawers and locks.
2. 5 ergonomically correct office chairs in working condition with at a minimum: 5-legged base with casters, seat adjustable from 15 to 22 inches from the floor with a seamless waterfall, rounded, front edge, and high backrest with no arms or adjustable arms.
3. 4 six foot folding tables.
4. 1 ten foot folding table.
5. 5 two-drawer file cabinets.
6. 3 four-shelf bookcases.
7. 20 folding chairs.

Provide for the professional cleaning of the field office during regular business hours twice monthly. Provide clearly marked recycling and waste receptacles within the field office, and separate recycling and waste dumpsters near the field office. Cover outdoor containers to keep out rain, snow, and wind-driven debris. Provide regularly scheduled recycling and waste pick-up.

C Construction

Conform to standard spec 642.3 except delete paragraph (2).

D Measurement

The department will measure the Field Facilities Office Space as each office 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.0060.23	Field Facilities Office Space	EACH

Payment is full compensation for providing, equipping, securing, and maintaining the facility; for parking, for telecommunications equipment, installation, and service fees; and for providing bottled water, utilities, fuel, ventilation, and toilet facilities as required, either independently or jointly with the field laboratory, for the time specified in 642.3.

The department will pay for the cost of telecommunications usage fees incurred by department staff.

SER-642-002 (20240112)

- 60. Traffic Flashing Beacon System, Solar, IH 43 exit ramp at Mineral St (right side ahead movement), Item SPV.0060.24;**
Traffic Flashing Beacon System, Solar, IH 43 exit ramp at Mineral St (right turn bypass) Item SPV.0060.25;
Traffic Flashing Beacon System, Solar, IH 43 exit ramp at Mineral St (median), Item SPV.0060.26;
Traffic Flashing Beacon System, Solar, IH 43 exit ramp at Walker St (right side ahead movement), Item SPV.0060.27;
Traffic Flashing Beacon System, Solar, IH 43 exit ramp at Walker St (right turn bypass), Item SPV.0060.28;
Traffic Flashing Beacon System, Solar, IH 43 exit ramp at Walker St (median), Item SPV.0060.29.

A Description

This special provision describes the moving a Traffic Flashing Beacon System, Solar from the existing wood posts to a type I pole herein described.

B Materials

Use existing TAPCO beacons. Ensure that materials are compatible with supplied equipment.

Furnish the following components of the system and are incidental to this pay item:

- Pedestal Shaft, Base, concrete base and anchor bolts as herein described.

Provide all other needed materials in conformance with subsections 651.2, 652.2, 655.2, and 658.2 of the standard specifications.

Signing: Move the existing STOP signs (R1-1, 36 x 36) from the existing wood posts to the new type I pole pedestal assembly to allow for installation of the beacon above the stop sign. Move the All Way (R1-4) plaques from the existing wood posts to the assembly. Remove the existing wood posts. The existing wood posts that are being replaced with type I pole assembly shall be removed. Move the existing DO NOT ENTER signs on back of existing STOP signs to the new assembly.

Pedestal Shaft:

1. Shall meet the requirements as set forth in section 657 of the standard specifications for highway and structure construction.
2. Shall be a standard 4.5" OD aluminum pedestal pole. Supplied with one end threaded for easy installation into a pedestal base.
 - a. Shall be a 13' Schedule 80 pipe raw aluminum.
 - b. Shall be per SDD 09E07-06.
 - c. Incidental to this item.
3. See Flashing Beacons plan for locations

Pedestal Base:

1. Shall meet the requirements as set forth in section 657.2.5 of the standard specifications for highway and structure construction.
2. The pedestal base shall be a cast aluminum pedestals mount on a concrete base attached by four internal anchor bolts imbedded in the base.
3. The Base shall have a large 8.5" square hand hole cover allowing access to the interior of the base.
4. Shall be per SDD 9C3-4.
5. Incidental to this item.

Concrete Base:

1. Shall meet the requirements as set forth in section 654.2 of the standard specifications for highway and structure construction, as applicable.
2. The concrete base shall be a Type 1 base per SDD 09C02-09 type 1 base
3. Drilling of shaft is incidental to base.
4. Incidental to item.

Anchor Bolts:

1. The anchor bolts shall be galvanized steel 1" x 42".
2. Set of 4 includes lock washer and nut.
3. Incidental to this item.

C Construction

Perform work in accordance with sections 651.3, 652.3, 655.3, and 658.3 of the standard specifications.

The solar panel shall face south. The complete type I post assembly shall be furnished and installed by the contractor as part of this item.

The Contractor is responsible to contact Diggers Hotline prior to installation and to request a signal inspection of the completed signal beacon installation to the project engineer at least five working days prior to the time of the requested inspection. The departments' Region Electrical personnel and Traffic Operations signing unit will perform the inspection. The system shall have a minimum of a one year warranty, full parts and labor.

Coordinate installation with the signing contractor of the stop sign as shown on the signing plans

Cabinet shall be mounted behind the sign to meet breakaway standards and not below the sign.

D Measurement

The department will measure Solar Beacon as an Each unit of work in place and accepted.

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.0060.24	Traffic Flashing Beacon System, Solar, IH 43 Exit ramp at Mineral St	EACH
SPV.0060.25	Traffic Flashing Beacon System, Solar, IH 43 Exit ramp at Mineral St, right turn bypass	EACH
SPV.0060.26	Traffic Flashing Beacon System, Solar, IH 43 Exit ramp to Mineral St, median	EACH
SPV.0060.27	Traffic Flashing Beacon System, Solar, IH 43 Exit ramp at Walker St	EACH
SPV.0060.28	Traffic Flashing Beacon System, Solar, IH 43 Exit ramp at Walker St, right turn bypass	EACH
SPV.0060.29	Traffic Flashing Beacon System, Solar, IH 43 Exit ramp at Walker St, median	EACH

Payment is full compensation for moving and installing the Solar Beacon; for furnishing and installing all other items necessary (such as, wire nuts, splice kits and/or connectors, tape, insulating varnish, ground lug fasteners, etc.) to make the proposed system complete and for clean-up and waste disposal. Includes removal of wood posts and restoring area.

61. Adjusting Sanitary Manhole, Item SPV.0060.30.

A Description

This work includes adjusting sanitary manholes to an elevation as determined by the engineer as well as installing frame and cover, internal frame/chimney seal, in accordance to the Standard Specifications for Sewer and Water Construction in Wisconsin, latest edition and amendments (SSSW).

Add or remove masonry adjusting rings as needed. This item applies to structures to be lowered less than 6 inches or raised less than 12 inches.

B Materials

B.1 Adjusting Rings

Adjustment rings shall be concrete with steel reinforcement in conformance with ASTM C-478. Precast concrete rings shall have an inside diameter to match the manhole opening, be not less than 2 inches nor more than 6 inches high, and have a wall thickness of 6 inches unless otherwise specified. The rings shall contain a minimum of one No. 2 reinforcing rod centered within the ring. Do not use any cracked or broken rings. The top of precast manhole cones shall be set a maximum of 18 inches lower than established grade in unimproved areas, with the top of the manhole cover being ringed up flush with the existing ground. The minimum number of adjusting rings shall be one 2-inch ring. The maximum height of adjusting rings shall be 8 inches in paved areas. All joints between the adjusting rings shall be filled with grout or mortar, including between the cone and the adjusting ring and the adjusting ring and the frame. Rings shall be grooved to receive a step.

B.2 Manhole Seal

Furnish new Cretex, NPC Flexrib, or approved equal internal frame/chimney Seal, as shown in the plans. The seal shall meet the material requirements of section 8.42.3 and the performance requirements of section 8.42.4 of the SSSW.

C Construction

C.1 General

The location of existing sanitary manholes to be adjusted is indicated on the plans. Adjust these items as shown in the plans. Reconstruct manholes as necessary so that the frames and cover when placed will be at the established required grade; remove the existing frame and cover. Any temporary adjustment (wood) shims shall be removed and backfilled with grout or mortar prior to installing the seal. Install seals in accordance to the manufacturer's recommended installation procedures. Furnish and use Backfill Slurry in the manhole excavation area to existing surface or to appropriate depth for pavement restoration. Salvage the existing frame and cover.

C.2 Surface Preparation

Remove manhole cover and power wire brush the lower 3 inches of the manhole frame to remove any loose rust or scale and repair any imperfections by either grinding smooth or filling with mortar. A smooth, clean sealing surface is required. Realign the casting if it is offset more than approximately 2 inches from the chimney. Remove all loose and protruding mortar and brick from the upper 7-Inch chimney and clean surface by power wire brushing. Provide a 4-Inch wide sealing surface starting 2 inches down from the bottom of the frame.

All sealing surfaces must be circular, reasonably smooth, clean and free of any loose material or excessive voids. If such a surface does not exist for the bottom of the sleeve to seal against, use one-component, quick-set, high strength, non-shrink, polymer modified patching mortar which has been formulated for vertical or overhead use. If the bottom of the sleeve is to seal against the top of an eccentric (straight side) cone and an inadequately high vertical surface does not exist, contact the manufacturer to obtain details to build the required vertical surface.

Use caulk to fill minor irregularities in the bottom sealing surface. The caulk shall be a butyl rubber caulk conforming to AASHTO M-198, Type B. Apply a single bead of the caulk to the center portion of the lower sealing surface of the sleeve.

Any flaws in the manhole frame, such as minor cracks, pits or protrusions, shall be repaired by either filling with mortar or grinding smooth.

D Measurement

The department will measure Adjusting Sanitary Manhole as a unit per each adjustment, 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.0060.30	Adjusting Sanitary Manhole	EACH

Payment is full compensation for furnishing and installing all materials including adjusting rings, masonry, and internal frame/chimney seals; for salvaging, storing, and reinstalling the existing frame and cover; for excavating, backfilling, and compacting; for disposing of surplus materials; and for cleaning out and restoring the structure.

62. Temporary Marking Removable Mask Out Tape, Words and Arrows, Item SPV.0060.31.

A Description

This special provision describes providing temporary marking removable mask out tape for words and arrows, as shown on the plans.

B Materials

Furnish pavement marking materials conforming to standard spec 646.2.

C Construction

Construct temporary marking removable mask out tape according to standard spec 643.3.7.

D Measurement

The department will measure Temporary Marking Removable Mask Out Tape, Words and Arrows by each location, 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.0060.31	Temporary Marking Removable Mask Out Tape, Words and Arrows	EACH

Payment is full compensation for providing, installing, maintaining, and removing the marking as shown on the plans and as directed by the engineer.

63. Transport and Install State Furnished EVP Detector Heads, Holt at 4th, Item SPV.0060.32; Transport and Install State Furnished EVP Detector Heads, 6th at Mineral, Item SPV.0060.33.

A Description

This special provision describes transporting and installing department furnished Emergency Vehicle Preemption (EVP) Detector Heads, confirmation lights, and mounting brackets as the plans show and as follows.

B Materials

Pick up the department furnished materials at the department's Electrical Shop located at 935 South 60th Street, West Allis. Notify the department's Electrical Field Unit at (414) 266-1170 and make arrangements for picking up the department furnished materials five working days prior to picking the materials up.

C Construction

Install the EVP detector heads as shown on the plans. The department will determine the exact location to ensure that the installation does not create a sight obstruction. Mount the EVP detector heads and wire them per manufacturer instructions. For a cabinet that is not operating the signal, the contractor will terminate the ends and install the discriminators and card rack in the cabinet. If the cabinet is operating the signal, the cabinet wiring will be done by the department.

Notify the department's Electrical shop at (414) 266-1170 upon completion of the installation of the Emergency Vehicle Preemption (EVP) Detector Heads with Confirmation Beacons.

D Measurement

Transporting and Installing State Furnished EVP Detector Heads and Confirmation Lights [Location] will be measured as each unit acceptably completed.

E Payment

Transporting and Installing State Furnished EVP Detector Heads [Location] will be paid for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.32	Transport and Install State Furnished EVP Detector Heads, Holt at 4 th	EACH
SPV.0060.33	Transport and Install State Furnished EVP Detector Heads 6 th at Mineral	EACH

Payment is full compensation for transporting and installing department furnished Emergency Vehicle Preemption (EVP) Detector Heads and mounting brackets.

64. Transport and Install State Furnished Traffic Signal Cabinet, Holt at 4th, Item SPV.0060.34; Transport and Install State Furnished Traffic Signal Cabinet, 6th at Mineral, Item SPV.0060.35.

A Description

This special provision describes the transporting and installing the state furnished traffic signal cabinet, signal controller, and other cabinet equipment for traffic signals, and for making the cabinet fully operational as shown in the plans.

B Materials

Use materials furnished by the department including: the traffic signal controller and the traffic signal cabinet.

Pick up the state furnished materials at the department's Electrical Shop located at 935 South 60th Street, West Allis. Notify the department's Electrical Field Unit at (414) 266-1170 and make arrangements for picking up the state furnished materials five (5) working days prior to picking up the materials.

Provide all other needed materials in conformance with sections 651.2, 652.2, 653.2, 654.2, 655.2, 656.2, 657.2, 658.2 and 659.2 of the standard specifications.

C Construction

Perform work in accordance with sections 651.3, 652.3, 653.3, 654.3, 655.3, 656.3, 657.3, 658.3 and 659.3 of the standard specifications except as specified below.

Install the state furnished traffic signal cabinet on the concrete control cabinet base the same day it is delivered to the site location.

Request a signal inspection of the completed signal installation to the project engineer at least five (5) working days prior to the time of the requested inspection. The department's Region Electrical personnel will perform the inspection.

D Measurement

Transporting and Installing State Furnished Traffic Signal Cabinet will be measured as a single unit of work, acceptably completed.

E Payment

Transporting and Installing State Furnished Traffic Signal Cabinet will be paid for the measured quantity at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.34	Transport and Install State Furnished Traffic Signal Cabinet, Holt at 4 th	EACH
SPV.0060.35	Transport and Install State Furnished Traffic Signal Cabinet 6 th at Mineral	EACH

Payment is full compensation for installing and testing the Traffic Signal Cabinet and cabinet equipment; for furnishing and installing all other items necessary (such as, wire nuts, splice kits and/or connectors, tape, insulating varnish, ground lug fasteners, etc.) to make the proposed system complete from the source of supply to the most remote unit; and for clean-up and waste disposal.

65. Transport and Install State Furnished Radar Detection System, 6th at Mineral, Item SPV.0060.36.

A Description

This special provision describes the transporting and installing of department furnished Radar Detection System for installation on monotube poles or arms.

B Materials

Pick up the department furnished Radar System at the department's electrical shop located at 935 South 60th Street, West Allis. Notify the department's electrical field unit (EFU) at (414) 266-1170 to make

arrangements for picking up the department furnished materials at least five (5) working days prior to material pick-up.

C Construction

Contact the EFU at (414) 266-1170 to coordinate the locations of the radar units at least five (5) working days prior to installation. Install the department furnished pole/arm mounting brackets, extension arms (if required), and radar units per manufacturer recommendations. Install the power and communication cables to run continuously (without splices) from the traffic signal cabinet to the radar units plus an additional 16-feet in each pull box and an extra 10-feet in the monotube pole handhole. Terminate the ends of the cables, if required, and make all connections to the radar units. The EFU will install all required cabinet equipment in the traffic signal control cabinet. Make all final cable connections in the traffic signal cabinet.

Mark each end of the lead in the traffic signal cabinet and each cable in the monotube handhole to indicate the equipment label (i.e. RA1, RA2, etc.). For a cabinet that is not operating the signal, the contractor will terminate the ends.

Notify department's Electrical Shop at (414) 266-1170 upon completion of the installation.

The department will provide notification of the radar detection system vendor and provide the vendor's contact information. Coordinate directly with the department's radar detection system vendor to arrange for the vendor to program the radar detection system on-site. Notify the department and vendor at least five (5) working days prior to the date of programming. Assist the department and vendor with adjusting the radar units during the radar system programming.

D Measurement

Transporting and Installing State Furnished Radar Detection System will be measured as a single unit of work for each intersection acceptably completed.

E Payment

Transporting and Installing State Furnished Radar Detection System will be paid for the measured quantity at the contract unit price under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.36	Transport and Install State Furnished Radar Detection System, 6 th at Mineral	EACH

Payment is full compensation for transporting and installing the radar detection system, cable, mounting hardware, and radar units; assisting the department during the radar system programming; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the contract work.

66. Transport Traffic Signal and Intersection Lighting Materials, Holt at 4th, Item SPV.0060.37; Transport Traffic Signal and Intersection Lighting Materials, 6th at Mineral, Item SPV.0060.38.

A Description

This special provision describes the transporting of department furnished materials for traffic signals and intersection lighting.

B Materials

Transport materials furnished by the department including: Monotube arms/poles and luminaire arms (to be installed on monotube assemblies).

Pick up the department furnished materials at the department's Electrical Shop located at 935 South 60th Street, West Allis. Notify the department's Electrical Field Unit at (414) 266-1170 and make arrangements for picking up the department furnished materials five (5) working days prior to picking the materials up.

Provide all other needed materials in conformance with sections 651.2, 652.2, 653.2, 654.2, 655.2, 656.2, 657.2, 658.2 and 659.2 of the standard specifications.

C Construction

Perform work in accordance with sections 651.3, 652.3, 653.3, 654.3, 655.3, 656.3, 657.3, 658.3 and 659.3 of the standard specifications except as specified below.

D Measurement

Transporting Traffic Signal and Intersection Lighting Materials [Location] will be measured as each unit acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.37	Transport Traffic Signal and Intersection Lighting Materials, Holt at 4th	EACH
SPV.0060.38	Transport Traffic Signal and Intersection Lighting Materials, 6th at Mineral	EACH

Payment is full compensation for transporting the monotube poles/arms and luminaire arms (to be installed on monotubes). Installation of these materials is included under a separate pay item.

67. Transport and Install State Furnished APS Buttons, Holt at 4th, Item SPV.0060.39; Transport and Install State Furnished APS Buttons, 6th at Mineral, Item SPV. 0060.40.

A Description

This special provision describes the transporting and installing of department furnished audible pedestrian signal equipment on traffic signal poles.

B Materials

Pick up the department furnished audible pedestrian signal equipment at the department's Electrical Shop located at 935 South 60th Street, West Allis. Notify the department's Electrical field unit (EFU) at (414) 266-1170 to make arrangements for picking up the department furnished materials at least five working days prior to material pick-up.

C Construction

Install the department furnished audible pedestrian signal equipment per manufacturer recommendations in the locations determined by the department.

Mark each end of the lead in the traffic signal cabinet and each cable in the pole handhole to indicate the equipment label (i.e., SB1, SB2, etc.) on the plans. For a cabinet that is not operating the signal, the contractor will terminate the ends. If the cabinet is operating the signal, the cabinet wiring will be done by the department.

The department will provide the vendor's contact information. Coordinate directly with the department's audible pedestrian signal equipment vendor to arrange for the vendor to program the system on site. Notify the department and vendor at least five working days prior to the date of programming. Assist the department and vendor with equipment adjustments and setup during the system programming, if necessary.

D Measurement

The department will measure Transport & Install State Furnished APS Buttons as 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.0060.39	Transport and Install State Furnished APS Buttons, Holt at 4th	EACH
SPV.0060.40	Transport and Install State Furnished APS Buttons, 6th at Mineral	EACH

Payment is full compensation for transporting and installing the audible pedestrian signal equipment and mounting hardware, assisting the department and vendor during the system setup and programming.

Pedestrian signal cable will be paid for as a separate bid item.

68. Survey Project 1228-09-76, Item SPV.0060.41.

A Description

This special provision describes modifying standard specs 105.6 and 650 to define the requirements for construction staking for this contract. Conform to sections 105.6 and 650 and as follows.

The department will not perform any construction staking for this contract. Obtain engineer's approval before performing all survey required to lay out and construct the work under this contract.

Replace standard spec 650.1 with the following:

This section describes the contractor-performed construction staking required under individual contract bid items to establish the horizontal and vertical position for all aspects of construction including:

- storm sewer
- subgrade
- base
- curb
- curb and gutter
- curb ramps
- drainage structures
- bridges
- pavement
- pavement markings (temporary and permanent)
- barriers (temporary and permanent)
- electrical installations
- supplemental control
- slope stakes
- traffic signals
- ITS
- FTMS
- utilities
- conduit
- water main
- sanitary sewer
- traffic control items

B (Vacant)

C Construction

Add the following to standard spec 650.3.1 (5):

Confirm with engineer before using global positioning methods to establish the following:

1. Structure layout horizontal or vertical locations.
2. Concrete pavement vertical locations.
3. Curb, gutter, and curb & gutter vertical locations.
4. Concrete barrier vertical locations.
5. Storm Sewer layout horizontal or vertical locations, including structure centers, offsets, access openings, rim and invert elevations.
6. Sanitary sewer construction or other gravity-based drainage system, including structure centers, offsets, access openings, rim and invert elevations.

Replace standard spec 650.3.1.1(2) with the following:

- (6) Maintain neat, orderly, and complete survey notes, drawings, and computations used in establishing the lines and grades. This includes:

- Raw data files
- Digital stakeout reports
- Control check reports
- Supplemental control files (along with method used to establish coordinates and elevation)

- Calibration report

Make the survey notes and computations available to the engineer within 24 hours as the work progresses unless a longer period is approved by the engineer.

Replace standard spec 650.3.3.1 with the following:

Under the Survey Project bid item, global positioning system (GPS) machine guidance for conventional subgrade staking on all or part of the work may be substituted. The engineer may require reverting to conventional subgrade staking methods for all or part of the work at any point during construction if the GPS machine guidance is producing unacceptable results.

Replace standard spec 650.3.3.4.1 with the following:

The department will provide the contractor staking packet as described in the Construction and Materials Manual (CMM) 7.10. At any time after the contract is awarded, the available survey and design information may be requested. The department will provide that information within 5 business days of receiving the contractor's request. The department incurs no additional liability beyond that specified in standard spec 105.6 or standard spec 650 by having provided this additional information.

Add the following to standard spec 650.3.3.6.2 as paragraph four:

Record all subgrade elevation checks and submit a hard copy to the engineer within 24 hours or as requested by the engineer.

Add the following to standard spec 650.3 as subsections 650.3.15 and 650.3.16:

650.3.15 Water Main

Record all elevation data for the casing, grade breaks, water main pipe, bends, fittings, and all information necessary to accurately record the construction document. Submit a hard copy to the engineer within 24 hours or as requested by the engineer.

Set and maintain construction stakes or marks as necessary to achieve the required accuracy and to support the method of operations. Locate all pipe, valves and bends to within 0.10 feet horizontal and establish the elevations to within 0.10 feet vertical.

Set construction stakes at all water main valves, fittings and bends and at maximum interval of 50 feet for water main piping.

Provide the as-built xyz coordinates and elevations, in the project horizontal and vertical datum, of all bends, fittings, valves and tie in locations for the as-built plan. Also provide the locations of the casing ends, the elevation of the top of casing.

650.3.16 Sanitary Sewer

Record all elevation data for pipe inverts, outside drops, bends, fittings, casings and other information necessary to accurately record the construction document. Submit a hard copy to the engineer within 24 hours or as requested by the engineer.

Set and maintain construction stakes or marks as necessary to achieve the required accuracy and to support the method of operations. Locate all pipe inverts, drops to within 0.02 feet horizontally and to within 0.01 feet vertically. Set and maintain construction stakes or marks as necessary to achieve the required accuracy and to support the method of operations. Locate all pipe inverts, drops to within 0.02 feet horizontally and to within 0.01 feet vertically.

Provide the as-built xyz coordinates and elevations, in the project horizontal and vertical datum, of all tie in locations for the as-built plan. Also provide the locations of the casing ends, the elevation of the top of casing and the size and material of all pipes

D Measurement

Replace standard spec 650.4 with the following:

- (1) The department will measure Survey Project 1228-09-76 as each individual project acceptably completed.

E Payment

Replace standard spec 650.5 with the following:

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.41	Survey Project 1228-09-76	EACH

Payment is full compensation for performing all survey work required to lay out and construct all work under this contract and for adjusting stakes to ensure compatibility with existing field conditions. The department will not make final payment for this item until the contractor submits all survey notes and computations used to establish the required lines and grades to the engineer within 24 hours of completing this work. Re-staking due to construction disturbance and knock-outs will be performed at no additional cost to the department.

sef-650-005 (20181219)

69. Pavement Cleanup Project 1228-09-76, Item SPV.0075.01.

A Description

This special provision describes cleanup of dust and debris from pavements within and adjacent to the job site. Pavement Cleanup includes surveillance and reporting of all active haul routes.

B Materials

B.1 Pavement Cleanup

Furnish a vacuum-type street sweeper equipped with a power broom, water spray system, and a vacuum collection system.

Use vacuum equipment with a self-contained particulate collector capable of preventing discharge from the collection bin into the atmosphere.

Use a vacuum-type sweeper as the primary sweeper, except as specified in this special provision or approved by the engineer.

C Construction

C.1 Surveillance

Provide daily surveillance of active haul routes to identify if material is being tracked from the jobsite. Document the condition of the roads and all sweeping recommendations in a daily report. Submit reports to the engineer daily, including hourly metered tickets for that day's sweeping activities.

C.2 Pavement Cleanup

Keep all pavements, sidewalks, driveways, curb lanes and gutters within the project boundaries, free of dust and debris generated from all activity under the contract. Keep all pavements, sidewalks, driveways, curb lanes, and gutters adjacent to the project free of dust and debris that are caused by land disturbing, dust generating activities, as defined in the contractor's Dust Control Implementation Plan (DCIP).

Provide routine sweeping of all pavements, sidewalks, driveways, curb lanes and gutters on local-street active haul routes as defined in the DCIP or as directed by the engineer. Include the following roadways for routine sweeping:

- Holt Ave
- And all other roadways approved by the department

In addition to routine sweeping, conduct sweepings as the engineer directs or approves, to eliminate dust problems that might arise during off-work hours or emergencies. Provide the engineer with a contact person available at all times to respond to requests for emergency sweeping. Coordinate with engineer to determine deadlines for responding to emergency sweeping requests and cleaning up spillage and material tracked to/from the project.

Skid steers with mechanical power brooms may only be used on sidewalks and driveways whose pavements will not support the weight of a street sweeper, unless otherwise approved by the engineer. Do not dry sweep. Ensure all broomed equipment used for sweeping has a functioning water bar.

D Measurement

The department will measure Pavement Cleanup (Project 1228-09-76) by the hour acceptably completed.

Tickets shall include:

- Date
- Company
- Operator name
- Equipment make/model
- Routes swept
- Total hours.

Total hours shall be to the nearest 0.25 hour that work under this item was performed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV. 0075.01	Pavement Cleanup Project 1228-09-76	HR

Payment is full compensation for daily surveillance; preparing and submitting the daily surveillance report with hourly metered tickets; mobilization; sweeping; and disposing of materials.

sef-104-006 (20170323)

70. Marking Crosswalk Epoxy 12-Inch, Item SPV.0090.01.

A Description

This special provision describes furnishing and installing 12-inch wide epoxy pavement marking for crosswalks.

B Materials

Furnish epoxy pavement marking materials conforming to standard spec 646.2.

C Construction

Install marking lines according to standard spec 646.3.

D Measurement

The department will measure Marking Crosswalk Epoxy 12-Inch by the linear foot of each line acceptably completed. For block style crosswalks, the linear foot of each line placed will be measured for payment.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.01	Marking Crosswalk Epoxy 12-Inch	LF

Payment is full compensation for cleaning and preparing the pavement surface, furnishing and installing the material; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

71. Temporary Fence Chain Link 6-FT, Item SPV.0090.02.

A Description

This special provision describes furnishing, erecting, and maintaining temporary chain link fence 6-foot including gates, as shown on the plans and as directed by the engineer, according to standard spec 616, and as hereinafter provided.

B Materials

Fencing parts furnished do not have to be new materials. Used, re-rolled and open seam materials will be permitted. Gates shall be a minimum of 12 feet wide.

C Construction

Fence posts may be driven into the ground or set in augured holes, backfilled and compacted. Minimum embedment shall be 4 feet. In paved areas, fence posts shall be fastened to either temporary concrete barrier or the pavement by methods ensuring a secure enclosure. Where fence is installed in areas that are not to be disturbed by subsequent construction activities, the disturbed areas shall be restored in kind at no additional cost to the department.

D Measurement

The department will measure Temporary Fence Chain Link 6-FT by the linear foot from end posts, center to center, along the ground line, acceptably completed. Temporary fence will be measured once for payment. Additional measurement for fence maintenance and removal will not be made.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.02	Temporary Fence Chain Link 6-FT	LF

Payment is full compensation for furnishing all materials; erecting posts, gates, and fence; maintain fencing; removing and disposing of fencing; and for restoring disturbed areas.

72. Concrete Barrier Temporary Precast Left In Place, Item SPV.0090.03.

A Description

This special provision describes furnishing, delivering, installing, anchoring, and leaving in place Concrete Barrier Precast Left in Place and thrie beam connection as shown on the plans and standard detail drawings, and in accordance to the pertinent provisions of standard spec 603 and standard spec 614, and as hereinafter provided.

B Materials

Provide Concrete Barrier Precast Left in Place that is according to the pertinent requirements of standard spec 603, SDD 14B07, SDD 14B08 and plans. Provide Concrete Barrier Precast Left in Place that has been manufactured no later than 6 months before installation. Ensure that Concrete Barrier Precast Left in Place has no markings other than what is indicated in standard detail drawing for concrete barrier temporary precast. Provide thrie beam connection that is according to the pertinent requirements of standard spec 614 and the standard detail drawing for concrete barrier temporary precast. Temporary barrier is to be in good condition when installed. Temporary Barrier is to be compliant with Buy American requirements.

C Construction

Install and deliver Concrete Barrier Precast Left in Place as indicated on the plan. Anchor barrier as shown on the plans.

D Measurement

The department will measure Concrete Barrier Precast Left in Place by the linear foot, acceptably completed, measured along the base of the barrier after final installation in its left in place location.

E Payment

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

ITEMNUMBER	DESCRIPTION	UNIT
SPV.0090.03	Concrete Barrier Precast Left in Place	LF

Payment is full compensation for manufacture, delivery, and installation including providing steel rail connections and steel cap rail for attachment to permanent barrier.

Concrete Barrier Precast Left in Place and Thrie Beam and steel rail connections become property of the department after final acceptance by the engineer.

73. Removing Loose Concrete, Item SPV.0165.01.

A Description

This special provision describes removing vertical, horizontal and overhead deteriorated concrete on structures as shown on the plans and applying a migrating corrosion inhibitor to areas of exposed steel reinforcing and concrete. This work shall be according to the pertinent parts of standard spec 517 and the details as shown in the plans.

B Materials

B.1 General

Furnish a migrating corrosion inhibitor for vertical, horizontal and overhead applications that is according to the pertinent requirements of standard spec 517, and with the following typical physical properties:

- Color appearance: clear yellow viscous liquid
- pH: 9.0 - 9.7 (neat)
- Density: 8.6 – 8.8 lb./gal. (1.03 – 1.05 kg/liter)
- Viscosity (or flow) similar to syrup and higher than water.
- Odor: slight ammonia smell
- Non-volatile content: 20 – 27%

Migrating corrosion inhibitor provided in this section shall conform to the requirements for each type and class of concrete required, with the following typical physical properties and requirements:

- Organic liquid
- Water-based
- Non-flammable
- Non-vapor barrier
- Non-toxic, oral LD 50 2000 g/kg maximum, or lower.
- Protects both anodic and cathodic areas.
- Does not contain calcium nitrate.
- Non-polluting after flushing or dilution.
- Non-harmful to plant life after flushing or dilution.
- Approved for potable water applications by NSF Standard 61.
- Certified for potable water applications by Underwriters laboratories.
- Not carcinogenic under occupational Safety and Health Agency, NTP, or IARC.
- Seven-year minimum usage experience as a migrating corrosion inhibitor.
- Confirmed effective by ASTM G – 109.
- Proven effective as reported by the Strategic Highway Research Program funded by the United States of America, Department of Transportation (DOT), federal government and state DOT's.

C Construction

C.1 Preparation

Remove all deteriorated concrete. Sawcutting of edges is not needed. Concrete and adjacent surfaces should be dry, clean, and free of all dirt, oil, grease, efflorescence, sealers, coatings, curing compounds, membranes, rubber tire marks, and asphalt. Clean surface by stream cleaning, water blasting, sandblasting, or shot blasting. Use an air compressor with water and oil trap to ensure the cleaning method does not apply materials intended for removal. Use brush, broom, sweeper, or air compressor on surfaces as final cleaning before application. Use brush, broom, sweeper, or air compressor to chase cracks as final cleaning before application. Do not apply if the ambient temperature near the applied concrete surface is expected to be below freezing water temperature within 12 hours of application.

C.2 Surface Application

Use the corrosion inhibitor for vertical, horizontal or overhead surface applications. Apply the solution by spray (conventional airless or hand pressure spray equipment), roller, squeegee, or paintbrush. Apply a rate of 150 square feet per gallon (3.7 square meters per liter). Minimal dry time is required and is usually minutes after treatment. Use of concrete substrate, such as for traffic, may resume when treatment is dry to touch.

D Measurement

The department will measure Removing Loose Concrete by the square 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.0165.01	Removing Loose Concrete	SF

Payment is full compensation for concrete removal and disposal, cleaning preparation, furnishing, for applying the product, and all incidentals necessary to complete the work.

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 6 HCST Graduate(s) be utilized for 4800 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 2 HCST Apprentice(s) be utilized for 1200 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

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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 County	1 Dane County	6 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

- 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.
- 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)**
- Plans and Specifications can be found: **WisDOT HCCI Website: List webpage where plans are located**
- 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.
- 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	<p>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.</p> <p><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></p>		
Selected Work Items Documentation	<p>All work items are broken out into economically feasible units to facilitate DBE participation.</p> <p><i>Such as: Selected work items are specific to each proposal and clearly identified in all solicitation(s)</i></p>		
Documentation of Project Information provided to Interested DBEs	<p>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.</p> <p><i>Such as: Project information is clearly identified in all solicitation(s)</i></p>		
Documentation of Negotiation with Interested DBEs	<p>Provide sufficient evidence demonstrating that good faith negotiations took place during the bid letting.</p> <p><i>Such as: Documented attempts with DBEs or on behalf of DBEs to increase DBE participation</i></p>		
Documentation of Sound Reason for Rejecting DBEs	<p>Provide sufficient evidence demonstrating that DBEs are rejected for sound reasons.</p> <p><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></p>		
Documentation of Assistance to Interested DBEs- bonding, credit, insurance, equipment, supplies/materials	<p>Documented assistance in both solicitation(s) and outreach to DBEs.</p>		
Documentation of Outreach to Minority, Women, and Community organizations and other DBE Business Development Support	<p>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.</p> <p><i>Such as: Variety of activities that translate into meaningful DBE participation</i></p>		
Documentation of other GFE activities	<p><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></p>		
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

Proposal #

County: _____

DBE Goal Achieved:	0.00 %
--------------------	--------

[illegible]

**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
DT1202.....3/2020

Project ID *****	Proposal No. *****	Letting *****
Prime Contractor *****	County *****	
Person Submitting Document *****	Telephone Number *****	
Address *****	Email Address *****	

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 Provision 6 (ASP-6)

Modifications to the standard specifications

Make the following revisions to the standard specifications.

107 Legal Relations and Responsibility to the Public

Add subsection 107.27 effective with the November 2024 letting.

107.27 Drones or Unmanned Aircraft Systems (UAS)

107.27.1 Licensing and Compliance

- (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.

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.

646 Pavement Markings

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.

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.

526.3.4 Construction, Backfilling, Inspection and Maintenance

Replace paragraph (3) to correct link from 203.3.4 to 203.3.5 effective with the November 2024 letting.

- (3) 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. Contractor-furnished materials remain the contractor's property upon removal.

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/WHDL/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 journeymen 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 journeymen 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.

BUY AMERICA PROVISION

Buy America (as documented in [88 FR 57750 \(2 CFR part 184 and 200\)](#) from the Office of Management and Budget: [Federal Register: Guidance for Grants and Agreements](#)) shall be domestic products and permanently incorporated in this project as classified in the following three categories, and as noted in the Construction and Materials Manual (CMM):

1. Iron and Steel

All iron and steel manufacturing and coating processes (from the initial melting stage through the application of coatings) must have occurred within the United States. Coating includes epoxy coating, galvanizing, painting and any other coating that protects or enhances the value of a material subject to the requirements of Buy America.

The exemption of the iron and steel manufacturing and coating processes Buy America requirement is the minimal use of foreign materials if the total cost of such material permanently incorporated in the product does not exceed one-tenth of one percent (1/10 of 1%) of the total contract cost or \$2,500.00, whichever is greater. For purposes of this paragraph, the cost is that shown to be the value of the subject products as they are delivered to the project.

2. Manufactured Product

All manufactured products (as defined in CMM 228.5) are covered under a previous waiver from 1983 and are currently exempt from Buy America.

3. Construction Material

All construction materials (as defined in [88 FR 57750 \(2 CFR part 184 and 200\)](#) and as referenced in CMM 228.5) must comply with Buy America. All manufacturing process of construction materials must occur in the United States.

[88 FR 55817 \(DOT-OST-2022-0124\)](#) allows a limited waiver of Buy America requirements for de minimis costs and small grants.

- The Total value of the non-compliant products is no more than the lesser of \$1,000,000 or 5% of total applicable costs for the project¹; or
- The total amount of Federal financial assistance applied to the project, through awards or subaward, is below \$500,000²

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

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

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

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

Attach a list of iron or steel and construction material exemptions and their associated costs to the certification form using the Buy America Exemption Tracking Tool, available at:

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

¹ The de minimis public interest waiver does not apply to iron and steel subject to the requirements of 23 U.S.C. 313 on financial assistant administered by FHWA. The de minimis threshold in 23 CFR 635.410(b)(4) continues to apply for iron and steel.

² The small grant portion of the waiver does not apply to iron, steel, and manufactured goods subject to the requirements of 49 U.S.C. 22905(a).

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

Superseded General Decision Number: WI20240010

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)

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	<ul style="list-style-type: none">. Executive Order 14026 generally applies to the contract.. The contractor must pay all covered workers at least \$17.75 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.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	<ul style="list-style-type: none">. Executive Order 13658 generally applies to the contract.. 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 that contract in 2025.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

1 02/07/2025
2 02/21/2025

BRWI0001-002 06/03/2024

CRAWFORD, JACKSON, JUNEAU, LA CROSSE, MONROE, TREMPLEAU, AND
VERNON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.86	27.00

BRWI0002-002 06/01/2024

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 46.60	27.01

BRWI0002-005 06/01/2024

ADAMS, ASHLAND, BARRON, BROWN, BURNETT, CALUMET, CHIPPEWA,
CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE, FOND DU LAC,
FOREST, GREEN LAKE, IRON, JEFFERSON, KEWAUNEE, LANGLADE,
LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE,
OCONTO, ONEIDA, OUTAGAMIE, POLK, PORTAGE, RUSK, ST CROIX, SAUK,
SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WALWORTH, WAUPACA, WAUSHARA,
WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 41.62	27.03

BRWI0003-002 06/01/2024

BROWN, DOOR, FLORENCE, KEWAUNEE, MARINETTE, AND OCONTO COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.45	27.41

BRWI0004-002 06/01/2024

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 43.21	27.90

BRWI0006-002 06/01/2024

ADAMS, CLARK, FOREST, LANGLADE, LINCOLN, MARATHON, MENOMINEE,
ONEIDA, PORTAGE, PRICE, TAYLOR, VILAS AND WOOD COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.33	27.53

BRWI0007-002 06/01/2024

GREEN, LAFAYETTE, AND ROCK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 39.34	28.15

BRWI0008-002 06/01/2024		

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 46.16	27.33

BRWI0011-002 06/01/2024		

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.45	27.41

BRWI0019-002 06/01/2024		

BARRON, BUFFALO, BURNETT, CHIPPEWA, DUNN, EAU CLAIRE, PEPIN,
PIERCE, POLK, RUSK, ST. CROIX, SAWYER AND WASHBURN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.18	27.68

BRWI0034-002 06/01/2024		

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 40.17	27.32

CARP0068-011 05/02/2022		

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 & Piledrivermen.....	\$ 41.19	27.05

CARP0231-002 06/05/2023		

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WASHINGTON, AND WAUKESHA
COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 41.91	29.72

CARP0310-002 06/03/2024		

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.....	\$ 42.44	28.44
Piledriver.....	\$ 42.44	28.44

 CARP0314-001 06/05/2023

COLUMBIA, DANE, DODGE, GRANT, GREEN, IOWA, JEFFERSON,
 LAFAYETTE, RICHLAND, ROCK, SAUK, AND WALWORTH COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 38.86	27.06
Piledriver.....	\$ 39.43	27.02

 CARP0361-004 05/01/2018

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 36.15	20.43

 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 06/03/2024

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.....	\$ 42.44	28.44
PILEDRIIVER.....	\$ 42.44	28.44

 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
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CARP1074-002 06/03/2024

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.....	\$ 42.44	28.44
PILEDRIVER.....	\$ 42.44	28.44

CARP1143-002 06/03/2024

BUFFALO, CRAWFORD, JACKSON, LA CROSSE, MONROE, TREMPLEAU AND
VERNON COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 42.44	28.44
PILEDRIVER.....	\$ 42.44	28.44

CARP1146-002 06/03/2024

BROWN, DOOR, FLORENCE, KEWAUNEE, MARINETTE, MENOMINEE, OCONTO,
AND SHAWANO (Western Portion of the County) COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 42.44	28.44
PILEDRIVER.....	\$ 42.44	28.44

CARP2337-009 06/03/2024

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WASHINGTON, AND WAUKESHA

	Rates	Fringes
PILEDRIVERMAN.....	\$ 42.21	34.07

ELEC0014-002 05/26/2024

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:.....	\$ 42.73	23.99

ELEC0014-007 05/26/2024

REMAINING COUNTIES

	Rates	Fringes
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Teledata System Installer
Installer/Technician.....\$ 30.27 19.11

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 06/01/2023

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 46.05	30%+13.15

ELEC0158-002 06/01/2024

BROWN, DOOR, KEWAUNEE, MANITOWOC (except Schleswig), MARINETTE(Wausuakee 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.....	\$ 40.25	29.75%+11.17

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 06/02/2024

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 46.23	69.19%

* 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 05/26/2024

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 49.48	27.34

ELEC0494-006 05/26/2024

CALUMET (Township of New Holstein), DODGE (East of Hwy 26 including Chester Township), FOND DU LAC, MANITOWOC (Schleswig), and SHEBOYGAN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 42.77	24.66

ELEC0494-013 05/26/2024

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.....	\$ 36.03	18.87
Technician.....	\$ 36.03	18.87

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 05/26/2024

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:.....	\$ 40.00	22.69

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 06/01/2024

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 46.37	28.80
Group 2.....	\$ 45.87	28.80
Group 3.....	\$ 44.77	28.80
Group 4.....	\$ 44.51	28.80
Group 5.....	\$ 44.22	28.80
Group 6.....	\$ 38.32	28.80

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 06/02/2024

BROWN, CALUMET, DOOR, FOND DU LAC, KEWAUNEE, MANITOWOC,
MARINETTE, OCONTO, OUTAGAMI, SHAWANO, SHEBOYGAN, AND WINNEBAGO

COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 43.02	32.32

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.

IRON0008-003 06/02/2024

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WALWORTH (N.E. 2/3),
WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 44.79	32.32

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.

IRON0383-001 06/02/2024

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.....	\$ 42.00	31.93

IRON0498-005 06/01/2024

GREEN (S.E. 1/3), ROCK (South of Edgerton and Milton), and
WALWORTH (S.W. 1/3) COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 46.59	48.80

IRON0512-008 04/28/2024

BARRON, BUFFALO, CHIPPEWA, CLARK, DUNN, EAU CLAIRE, JACKSON,
PEPIN, PIERCE, POLK, RUSK, ST CROIX, TAYLOR, AND TREMPLEAU
COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 44.85	35.22

IRON0512-021 04/28/2024

ASHLAND, BAYFIELD, BURNETT, DOUGLAS, IRON, LINCOLN, ONEIDA,
PRICE, SAWYER, VILAS AND WASHBURN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 41.19	34.68

LAB00113-002 06/03/2024

MILWAUKEE AND WAUKESHA COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 35.61	25.01
Group 2.....	\$ 35.76	25.01
Group 3.....	\$ 35.96	25.01
Group 4.....	\$ 36.11	25.01
Group 5.....	\$ 36.26	25.01
Group 6.....	\$ 32.10	25.01

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 06/03/2024

OZAUKEE AND WASHINGTON COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 34.86	25.01
Group 2.....	\$ 34.96	25.01
Group 3.....	\$ 35.01	25.01
Group 4.....	\$ 35.21	25.01
Group 5.....	\$ 35.06	25.01
Group 6.....	\$ 31.95	25.01

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 06/03/2024

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 34.67	25.01
Group 2.....	\$ 34.82	25.01
Group 3.....	\$ 35.02	25.01
Group 4.....	\$ 34.99	25.01
Group 5.....	\$ 35.32	25.01
Group 6.....	\$ 31.81	25.01

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 06/03/2024

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.....	\$ 40.57	19.45
Group 2.....	\$ 40.67	19.45
Group 3.....	\$ 40.72	19.45
Group 4.....	\$ 40.92	19.45
Group 5.....	\$ 40.77	19.45
Group 6.....	\$ 37.20	19.45

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 06/03/2024

DANE COUNTY

	Rates	Fringes
LABORER		
Group 1.....	\$ 40.85	19.45
Group 2.....	\$ 40.95	19.45
Group 3.....	\$ 41.00	19.45
Group 4.....	\$ 41.20	19.45
Group 5.....	\$ 41.05	19.45
Group 6.....	\$ 37.20	19.45

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 05/06/2024

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

	Rates	Fringes
Painters:		
New:		
Brush, Roller.....	\$ 36.16	26.27
Spray, Sandblast, Steel....	\$ 36.76	26.27
Repaint:		
Brush, Roller.....	\$ 34.66	26.27
Spray, Sandblast, Steel....	\$ 35.26	26.27

PAIN0108-002 06/01/2024

RACINE COUNTY

	Rates	Fringes
Painters:		
Brush, Roller.....	\$ 42.04	22.95
Spray & Sandblast.....	\$ 43.04	22.95

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 06/01/2024

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Painters:		

Bridge.....	\$ 41.39	24.92
Brush.....	\$ 40.64	24.92
Spray & Sandblast.....	\$ 41.39	24.92

PAIN0802-002 06/01/2024

COLUMBIA, DANE, DODGE, GRANT, GREEN, IOWA, LAFAYETTE, RICHLAND,
ROCK, AND SAUK COUNTIES

	Rates	Fringes
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PAINTER

Brush.....	\$ 36.35	20.87
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PREMIUM PAY:

Structural Steel, Spray, Bridges = \$1.00 additional per
hour.

PAIN0802-003 06/01/2024

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
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PAINTER.....	\$ 36.35	20.87
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PAIN0934-001 06/01/2024

KENOSHA AND WALWORTH COUNTIES

	Rates	Fringes
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Painters:

Brush.....	\$ 38.67	26.32
Spray.....	\$ 39.67	26.32
Structural Steel.....	\$ 38.82	26.32

PAIN1011-002 06/02/2024

FLORENCE COUNTY

	Rates	Fringes
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Painters:.....	\$ 29.95	15.89
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PLAS0599-002 06/01/2024

	Rates	Fringes
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CEMENT MASON/CONCRETE FINISHER

Area A.....	\$ 47.17	30.35
Area B.....	\$ 41.62	26.34
Area C.....	\$ 42.74	25.91
Area D.....	\$ 43.16	25.49
Area E.....	\$ 42.25	26.39
Area F.....	\$ 38.98	29.67

AREA DESCRIPTIONS

AREA A: ASHLAND, BURNETT, BAYFIELD, DOUGLAS, IRON, PRICE, SAWYER, AND WASHBURN COUNTIES

AREA B: 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, ST. CROIX, SAUK, SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WALWORTH, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD 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 06/01/2024

	Rates	Fringes
TRUCK DRIVER		
1 & 2 Axles.....	\$ 37.57	27.41
3 or more Axles; Euclids, Dumpton & Articulated, Truck Mechanic.....	\$ 37.72	27.41

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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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>.

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.

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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 17

Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	203.0220 Removing Structure (structure) 01. B-40-265	1.000 EACH	_____.	_____.
0004	204.0100 Removing Concrete Pavement	2,947.000 SY	_____.	_____.
0006	204.0110 Removing Asphaltic Surface	24.000 SY	_____.	_____.
0008	204.0120 Removing Asphaltic Surface Milling	34,020.000 SY	_____.	_____.
0010	204.0150 Removing Curb & Gutter	235.000 LF	_____.	_____.
0012	204.0155 Removing Concrete Sidewalk	704.000 SY	_____.	_____.
0014	204.0165 Removing Guardrail	500.000 LF	_____.	_____.
0016	204.0195 Removing Concrete Bases	20.000 EACH	_____.	_____.
0018	204.9060.S Removing (item description) 01. Removing Traffic Signals Street Lighting, Holt at 4th	1.000 EACH	_____.	_____.
0020	204.9060.S Removing (item description) 02. Removing Traffic Signals Street Lighting, 6th at Mineral	1.000 EACH	_____.	_____.
0022	204.9060.S Removing (item description) 03. Removing Loop Detector Wire and Lead-In Cable	1.000 EACH	_____.	_____.
0024	205.0100 Excavation Common	1,476.000 CY	_____.	_____.
0026	213.0100 Finishing Roadway (project) 01. 1228-09-76	1.000 EACH	_____.	_____.
0028	305.0120 Base Aggregate Dense 1 1/4-Inch	2,185.000 TON	_____.	_____.



Proposal Schedule of Items

Page 2 of 17

Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0030	310.0110 Base Aggregate Open-Graded	12.000 TON	_____.	_____.
0032	312.0110 Select Crushed Material	943.000 TON	_____.	_____.
0034	320.0145 Concrete Base 8-Inch	220.000 SY	_____.	_____.
0036	390.0100 Removing Pavement for Base Patching	886.000 CY	_____.	_____.
0038	390.0405 Base Patching Concrete SHES	886.000 CY	_____.	_____.
0040	415.0090 Concrete Pavement 9-Inch	385.000 SY	_____.	_____.
0042	415.1410 Concrete Pavement Approach Slab HES	40.000 SY	_____.	_____.
0044	416.0610 Drilled Tie Bars	857.000 EACH	_____.	_____.
0046	416.0620 Drilled Dowel Bars	3,566.000 EACH	_____.	_____.
0048	416.1725 Concrete Pavement Replacement SHES	315.000 SY	_____.	_____.
0050	455.0605 Tack Coat	5,035.000 GAL	_____.	_____.
0052	460.2000 Incentive Density HMA Pavement	5,470.000 DOL	1.00000	5,470.00
0054	460.6623 HMA Pavement 3 MT 58-28 V	3,779.000 TON	_____.	_____.
0056	460.6624 HMA Pavement 4 MT 58-28 V	4,753.000 TON	_____.	_____.
0058	465.0120 Asphaltic Surface Driveways and Field Entrances	5.000 TON	_____.	_____.
0060	465.0125 Asphaltic Surface Temporary	44.000 TON	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	502.0100 Concrete Masonry Bridges	38.000 CY	_____.	_____.
0064	502.3200 Protective Surface Treatment	61.000 SY	_____.	_____.
0066	502.3205 Pigmented Surface Sealer Reseal	366.000 SY	_____.	_____.
0068	502.3210 Pigmented Surface Sealer	34.000 SY	_____.	_____.
0070	502.3215 Protective Surface Treatment Reseal	749.000 SY	_____.	_____.
0072	503.0136 Prestressed Girder Type I 36-Inch	69.000 LF	_____.	_____.
0074	505.0600 Bar Steel Reinforcement HS Coated Structures	7,407.000 LB	_____.	_____.
0076	505.0908 Bar Couplers No. 8	6.000 EACH	_____.	_____.
0078	506.2605 Bearing Pads Elastomeric Non-Laminated	2.000 EACH	_____.	_____.
0080	509.0301 Preparation Decks Type 1	1.000 SY	_____.	_____.
0082	509.0310.S Sawing Pavement Deck Preparation Areas	10.000 LF	_____.	_____.
0084	509.1200 Curb Repair	4.000 LF	_____.	_____.
0086	509.1500 Concrete Surface Repair	41.000 SF	_____.	_____.
0088	509.2100.S Concrete Masonry Deck Repair	1.000 CY	_____.	_____.
0090	509.5100.S Polymer Overlay	3,504.000 SY	_____.	_____.



Proposal Schedule of Items

Page 4 of 17

Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0092	509.9025.S Epoxy Injection Crack Repair	194.000 LF	_____.	_____.
0094	509.9026.S Cored Holes 2-Inch Diameter	1.000 EACH	_____.	_____.
0096	531.8990 Anchor Assemblies Poles on Structures	1.000 EACH	_____.	_____.
0098	601.0319 Concrete Curb & Gutter 19-Inch	15.000 LF	_____.	_____.
0100	601.0331 Concrete Curb & Gutter 31-Inch	1,269.000 LF	_____.	_____.
0102	601.0600 Concrete Curb Pedestrian	301.000 LF	_____.	_____.
0104	602.0410 Concrete Sidewalk 5-Inch	6,152.000 SF	_____.	_____.
0106	602.0505 Curb Ramp Detectable Warning Field Yellow	457.000 SF	_____.	_____.
0108	602.0605 Curb Ramp Detectable Warning Field Radial Yellow	147.000 SF	_____.	_____.
0110	602.0860 Concrete Driveway HES 6-Inch	29.000 SY	_____.	_____.
0112	603.8000 Concrete Barrier Temporary Precast Delivered	250.000 LF	_____.	_____.
0114	603.8125 Concrete Barrier Temporary Precast Installed	250.000 LF	_____.	_____.
0116	611.0410 Reconstructing Catch Basins	1.000 EACH	_____.	_____.
0118	611.0430 Reconstructing Inlets	2.000 EACH	_____.	_____.
0120	611.8110 Adjusting Manhole Covers	1.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0122	611.8115 Adjusting Inlet Covers	7.000 EACH	_____.	_____.
0124	612.0406 Pipe Underdrain Wrapped 6-Inch	100.000 LF	_____.	_____.
0126	614.0800 Crash Cushions Permanent	1.000 EACH	_____.	_____.
0128	614.2300 MGS Guardrail 3	450.000 LF	_____.	_____.
0130	614.2610 MGS Guardrail Terminal EAT	1.000 EACH	_____.	_____.
0132	614.2620 MGS Guardrail Terminal Type 2	1.000 EACH	_____.	_____.
0134	616.0206 Fence Chain Link 6-FT	1,100.000 LF	_____.	_____.
0136	616.0329 Gates Chain Link (width) 01. 22-FT	1.000 EACH	_____.	_____.
0138	616.0408 Fence Chain Link Salvaged 8-FT	88.000 LF	_____.	_____.
0140	618.0100 Maintenance and Repair of Haul Roads (project) 01. 1228-09-76	1.000 EACH	_____.	_____.
0142	619.1000 Mobilization	1.000 EACH	_____.	_____.
0144	620.0300 Concrete Median Sloped Nose	158.000 SF	_____.	_____.
0146	624.0100 Water	40.000 MGAL	_____.	_____.
0148	625.0100 Topsoil	570.000 SY	_____.	_____.
0150	627.0200 Mulching	150.000 SY	_____.	_____.
0152	628.1905 Mobilizations Erosion Control	4.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0154	628.1910 Mobilizations Emergency Erosion Control	2.000 EACH	_____.	_____.
0156	628.7020 Inlet Protection Type D	100.000 EACH	_____.	_____.
0158	628.7560 Tracking Pads	2.000 EACH	_____.	_____.
0160	629.0210 Fertilizer Type B	1.000 CWT	_____.	_____.
0162	630.0200 Seeding Temporary	4.000 LB	_____.	_____.
0164	631.0300 Sod Water	17.000 MGAL	_____.	_____.
0166	631.1000 Sod Lawn	570.000 SY	_____.	_____.
0168	634.0614 Posts Wood 4x6-Inch X 14-FT	14.000 EACH	_____.	_____.
0170	634.0616 Posts Wood 4x6-Inch X 16-FT	54.000 EACH	_____.	_____.
0172	634.0618 Posts Wood 4x6-Inch X 18-FT	21.000 EACH	_____.	_____.
0174	634.0620 Posts Wood 4x6-Inch X 20-FT	8.000 EACH	_____.	_____.
0176	637.2210 Signs Type II Reflective H	1,446.730 SF	_____.	_____.
0178	637.2215 Signs Type II Reflective H Folding	169.680 SF	_____.	_____.
0180	637.2230 Signs Type II Reflective F	409.500 SF	_____.	_____.
0182	638.2102 Moving Signs Type II	3.000 EACH	_____.	_____.
0184	638.2602 Removing Signs Type II	216.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0186	638.3000 Removing Small Sign Supports	107.000 EACH	_____.	_____.
0188	643.0300 Traffic Control Drums	31,273.000 DAY	_____.	_____.
0190	643.0420 Traffic Control Barricades Type III	2,642.000 DAY	_____.	_____.
0192	643.0705 Traffic Control Warning Lights Type A	5,284.000 DAY	_____.	_____.
0194	643.0715 Traffic Control Warning Lights Type C	5,335.000 DAY	_____.	_____.
0196	643.0800 Traffic Control Arrow Boards	453.000 DAY	_____.	_____.
0198	643.0900 Traffic Control Signs	18,708.000 DAY	_____.	_____.
0200	643.0910 Traffic Control Covering Signs Type I	5.000 EACH	_____.	_____.
0202	643.0920 Traffic Control Covering Signs Type II	10.000 EACH	_____.	_____.
0204	643.1000 Traffic Control Signs Fixed Message	343.000 SF	_____.	_____.
0206	643.1050 Traffic Control Signs PCMS	453.000 DAY	_____.	_____.
0208	643.1070 Traffic Control Cones 42-Inch	1,738.000 DAY	_____.	_____.
0210	643.3105 Temporary Marking Line Paint 4-Inch	1,942.000 LF	_____.	_____.
0212	643.3180 Temporary Marking Line Removable Tape 6-Inch	2,892.000 LF	_____.	_____.
0214	643.3205 Temporary Marking Line Paint 8-Inch	4,922.000 LF	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0216	643.3550 Temporary Marking Arrow Removable Tape	2.000 EACH	_____.	_____.
0218	643.3805 Temporary Marking Stop Line Paint 18-Inch	717.000 LF	_____.	_____.
0220	643.3960 Temporary Marking Removable Mask Out Tape 6-Inch	80.000 LF	_____.	_____.
0222	643.4100 Traffic Control Interim Lane Closure	8.000 EACH	_____.	_____.
0224	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0226	644.1601 Temporary Pedestrian Curb Ramp	88.000 DAY	_____.	_____.
0228	644.1605 Temporary Pedestrian Detectable Warning Field	70.000 SF	_____.	_____.
0230	644.1810 Temporary Pedestrian Barricade	1,573.000 LF	_____.	_____.
0232	644.1900.S Temporary Audible Message Devices	2,384.000 DAY	_____.	_____.
0234	645.0220 Geogrid Type SR	1,436.000 SY	_____.	_____.
0236	646.1020 Marking Line Epoxy 4-Inch	2,931.000 LF	_____.	_____.
0238	646.2025 Marking Line Grooved Black Epoxy 6-Inch	213.000 LF	_____.	_____.
0240	646.2040 Marking Line Grooved Wet Ref Epoxy 6-Inch	17,240.000 LF	_____.	_____.
0242	646.2050 Marking Line Grooved Permanent Tape 6-Inch	213.000 LF	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0244	646.3020 Marking Line Epoxy 8-Inch	1,356.000 LF	_____.	_____.
0246	646.4025 Marking Line Grooved Black Epoxy 10-Inch	172.000 LF	_____.	_____.
0248	646.4040 Marking Line Grooved Wet Ref Epoxy 10-Inch	6,290.000 LF	_____.	_____.
0250	646.4050 Marking Line Grooved Permanent Tape 10-Inch	126.000 LF	_____.	_____.
0252	646.5020 Marking Arrow Epoxy	38.000 EACH	_____.	_____.
0254	646.5120 Marking Word Epoxy	5.000 EACH	_____.	_____.
0256	646.5220 Marking Symbol Epoxy	4.000 EACH	_____.	_____.
0258	646.6120 Marking Stop Line Epoxy 18-Inch	656.000 LF	_____.	_____.
0260	646.7220 Marking Chevron Epoxy 24-Inch	642.000 LF	_____.	_____.
0262	646.8120 Marking Curb Epoxy	240.000 LF	_____.	_____.
0264	646.8220 Marking Island Nose Epoxy	5.000 EACH	_____.	_____.
0266	646.9200 Marking Removal Line Wide	1,552.000 LF	_____.	_____.
0268	652.0210 Conduit Rigid Nonmetallic Schedule 40 1-Inch	4.000 LF	_____.	_____.
0270	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	910.000 LF	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0272	652.0230 Conduit Rigid Nonmetallic Schedule 40 2 1/2-Inch	251.000 LF	_____.	_____.
0274	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	630.000 LF	_____.	_____.
0276	652.0605 Conduit Special 2-Inch	425.000 LF	_____.	_____.
0278	652.0615 Conduit Special 3-Inch	1,190.000 LF	_____.	_____.
0280	652.0800 Conduit Loop Detector	2,250.000 LF	_____.	_____.
0282	653.0135 Pull Boxes Steel 24x36-Inch	8.000 EACH	_____.	_____.
0284	653.0140 Pull Boxes Steel 24x42-Inch	23.000 EACH	_____.	_____.
0286	653.0222 Junction Boxes 18x12x6-Inch	1.000 EACH	_____.	_____.
0288	653.0905 Removing Pull Boxes	3.000 EACH	_____.	_____.
0290	654.0101 Concrete Bases Type 1	16.000 EACH	_____.	_____.
0292	654.0102 Concrete Bases Type 2	5.000 EACH	_____.	_____.
0294	654.0110 Concrete Bases Type 10	4.000 EACH	_____.	_____.
0296	654.0120 Concrete Bases Type 10-Special	3.000 EACH	_____.	_____.
0298	654.0217 Concrete Control Cabinet Bases Type 9 Special	2.000 EACH	_____.	_____.
0300	655.0210 Cable Traffic Signal 3-14 AWG	1,390.000 LF	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0302	655.0230 Cable Traffic Signal 5-14 AWG	1,100.000 LF	_____.	_____.
0304	655.0240 Cable Traffic Signal 7-14 AWG	2,425.000 LF	_____.	_____.
0306	655.0260 Cable Traffic Signal 12-14 AWG	2,405.000 LF	_____.	_____.
0308	655.0305 Cable Type UF 2-12 AWG Grounded	1,075.000 LF	_____.	_____.
0310	655.0515 Electrical Wire Traffic Signals 10 AWG	3,800.000 LF	_____.	_____.
0312	655.0610 Electrical Wire Lighting 12 AWG	1,450.000 LF	_____.	_____.
0314	655.0700 Loop Detector Lead In Cable	5,200.000 LF	_____.	_____.
0316	655.0800 Loop Detector Wire	7,667.000 LF	_____.	_____.
0318	655.0900 Traffic Signal EVP Detector Cable	1,390.000 LF	_____.	_____.
0320	656.0201 Electrical Service Meter Breaker Pedestal (location) 01. Electrical Service Meter Breaker Pedestal, Holt at 4th	1.000 EACH	_____.	_____.
0322	656.0201 Electrical Service Meter Breaker Pedestal (location) 02. Electrical Service Meter Breaker Pedestal, Mineral at 6th	1.000 EACH	_____.	_____.
0324	657.0100 Pedestal Bases	16.000 EACH	_____.	_____.
0326	657.0255 Transformer Bases Breakaway 11 1/2- Inch Bolt Circle	5.000 EACH	_____.	_____.
0328	657.0310 Poles Type 3	5.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0330	657.0405 Traffic Signal Standards Aluminum 3.5-FT	5.000 EACH	_____.	_____.
0332	657.0420 Traffic Signal Standards Aluminum 13-FT	7.000 EACH	_____.	_____.
0334	657.0425 Traffic Signal Standards Aluminum 15-FT	3.000 EACH	_____.	_____.
0336	657.0430 Traffic Signal Standards Aluminum 10-FT	2.000 EACH	_____.	_____.
0338	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	6.000 EACH	_____.	_____.
0340	658.0173 Traffic Signal Face 3S 12-Inch	25.000 EACH	_____.	_____.
0342	658.0174 Traffic Signal Face 4S 12-Inch	8.000 EACH	_____.	_____.
0344	658.0416 Pedestrian Signal Face 16-Inch	14.000 EACH	_____.	_____.
0346	658.5070 Signal Mounting Hardware (location) 01. Holt at 4th	1.000 EACH	_____.	_____.
0348	658.5070 Signal Mounting Hardware (location) 02. 6th at Mineral	1.000 EACH	_____.	_____.
0350	659.1125 Luminaires Utility LED C	10.000 EACH	_____.	_____.
0352	661.0201 Temporary Traffic Signals for Intersections (location) 01. Holt at 4th	1.000 EACH	_____.	_____.
0354	661.0201 Temporary Traffic Signals for Intersections (location) 02. 6th at Mineral	1.000 EACH	_____.	_____.
0356	670.0101 Field System Integrator	1.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0358	690.0150 Sawing Asphalt	1,875.000 LF	_____.	_____.
0360	690.0250 Sawing Concrete	10,509.000 LF	_____.	_____.
0362	715.0502 Incentive Strength Concrete Structures	500.000 DOL	1.00000	500.00
0364	715.0720 Incentive Compressive Strength Concrete Pavement	500.000 DOL	1.00000	500.00
0366	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	1,200.000 HRS	5.00000	6,000.00
0368	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	4,800.000 HRS	5.00000	24,000.00
0370	SPV.0060 Special 01. Cleaning and Sealing Concrete Girder Ends	11.000 EACH	_____.	_____.
0372	SPV.0060 Special 02. Embedded Galvanic Anodes	14.000 EACH	_____.	_____.
0374	SPV.0060 Special 03. Adjusting Water Boxes	13.000 EACH	_____.	_____.
0376	SPV.0060 Special 05. Blinders for Type II Signs	1.000 EACH	_____.	_____.
0378	SPV.0060 Special 06. Install Wireless Traffic Sensor	26.000 EACH	_____.	_____.
0380	SPV.0060 Special 07. Remove Pole and Wire	18.000 EACH	_____.	_____.
0382	SPV.0060 Special 08. Remove Traffic Signal Face	35.000 EACH	_____.	_____.
0384	SPV.0060 Special 09. Voice Instruction Audible Pushbutton	1.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0386	SPV.0060 Special 10. Temporary Infrared EVP System, Holt at 4th	1.000 EACH	_____.	_____.
0388	SPV.0060 Special 11. Temporary Infrared EVP System, 6th at Mineral	1.000 EACH	_____.	_____.
0390	SPV.0060 Special 12. Install Type 9 Pole	1.000 EACH	_____.	_____.
0392	SPV.0060 Special 13. Install Type 10 Pole	3.000 EACH	_____.	_____.
0394	SPV.0060 Special 14. Install Type 9 Special Pole	2.000 EACH	_____.	_____.
0396	SPV.0060 Special 15. Install Type 10 Special Pole	1.000 EACH	_____.	_____.
0398	SPV.0060 Special 16. Install Monotube Arms 30-FT	4.000 EACH	_____.	_____.
0400	SPV.0060 Special 17. Install Monotube Arms 40-FT Special	1.000 EACH	_____.	_____.
0402	SPV.0060 Special 18. Install Monotube Arms 45-FT Special	2.000 EACH	_____.	_____.
0404	SPV.0060 Special 19. Install Luminaire Arms Steel 15-FT	4.000 EACH	_____.	_____.
0406	SPV.0060 Special 20. Traffic Control Close-Open Freeway Entrance Ramp	47.000 EACH	_____.	_____.
0408	SPV.0060 Special 21. Traffic Control Full Freeway Closure	8.000 EACH	_____.	_____.
0410	SPV.0060 Special 22. Traffic Control Local Road Lane Closures	99.000 EACH	_____.	_____.
0412	SPV.0060 Special 23. Field Facilities Office Space	1.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0414	SPV.0060 Special 24. Traffic Flashing Beacon System, IH 43 exit ramp at Mineral St (rt side ahead)	1.000 EACH	_____.	_____.
0416	SPV.0060 Special 25. Traffic Flashing Beacon System, IH 43 exit ramp at Mineral St (rt turn bypass)	1.000 EACH	_____.	_____.
0418	SPV.0060 Special 26. Traffic Flashing Beacon System, IH 43 exit ramp at Mineral St (median)	1.000 EACH	_____.	_____.
0420	SPV.0060 Special 27. Traffic Flashing Beacon System, IH 43 exit ramp at Walker St (right side ahe	1.000 EACH	_____.	_____.
0422	SPV.0060 Special 28. Traffic Flashing Beacon System, IH 43 exit ramp at Walker St (rt turn bypass)	1.000 EACH	_____.	_____.
0424	SPV.0060 Special 29. Traffic Flashing Beacon System, IH 43 exit ramp at Walker St (median)	1.000 EACH	_____.	_____.
0426	SPV.0060 Special 30. Adjusting Sanitary Manhole	1.000 EACH	_____.	_____.
0428	SPV.0060 Special 31. Temporary Marking Removable Mask Out Tape, Words and Arrows	3.000 EACH	_____.	_____.
0430	SPV.0060 Special 32. Transport and Install State Furnished EVP Detector Heads, Holt at 4th	3.000 EACH	_____.	_____.
0432	SPV.0060 Special 33. Transport and Install State Furnished EVP Detector Heads, 6th at Mineral	4.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0434	SPV.0060 Special 34. Transport and Install State Furnished Traffic Signal Cabinet, Holt at 4th	1.000 EACH	_____.	_____.
0436	SPV.0060 Special 35. Transport and Install State Furnished Traffic Signal Cabinet, 6th at Mineral	1.000 EACH	_____.	_____.
0438	SPV.0060 Special 36. Transport and Install State Furnished Radar Detection System, 6th at Mineral	1.000 EACH	_____.	_____.
0440	SPV.0060 Special 37. Transport Traffic Signal and Intersection Lighting Materials, Holt at 4th	1.000 EACH	_____.	_____.
0442	SPV.0060 Special 38. Transport Traffic Signal and Intersection Lighting Materials, 6th at Mineral	1.000 EACH	_____.	_____.
0444	SPV.0060 Special 39. Transport and Install State Furnished APS Buttons, Holt at 4th	1.000 EACH	_____.	_____.
0446	SPV.0060 Special 40. Transport and Install State Furnished APS Buttons, 6th at Mineral	1.000 EACH	_____.	_____.
0448	SPV.0060 Special 41. Survey Project 1228-09-76	1.000 EACH	_____.	_____.
0450	SPV.0075 Special 01. Pavement Cleanup Project 1228-09-76	20.000 HRS	_____.	_____.
0452	SPV.0090 Special 01. Marking Crosswalk Epoxy 12-Inch	3,371.000 LF	_____.	_____.
0454	SPV.0090 Special 02. Temporary Fence Chain Link 6-FT	280.000 LF	_____.	_____.
0456	SPV.0090 Special 03. Concrete Barrier Temporary Precast Left In Place	112.500 LF	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0458	SPV.0165	73.000		
	Special 01. Removing Loose Concrete	SF	_____.	_____.
	Section: 0001		Total:	_____.
			Total Bid:	_____.

PLEASE ATTACH ADDENDA HERE



Wisconsin Department of Transportation

May 1, 2025

Division of Transportation Systems Development

Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #09: 1228-09-76 WISC 2025466
IH 43 North South Freeway
Mitchell I/C-Marquette I/C On/Off Rmp
IH 43
Milwaukee County

1228-09-78
IH 43 North South Freeway
Howard Ave Bridge B40-0265
Loc Str
Milwaukee County

Letting of May 13, 2025

This is Addendum No. 01, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
3.	Prosecution and Progress.

Added Special Provisions	
Article No.	Description
74.	Removing Concrete Surface Partial Depth, Item 204.0109.S.

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
616.0206	Fence Chain Link 6-FT	LF	1,100	-10	1,090
634.0614	Posts Wood 4" x 6" x 14'	EACH	14	2	16
634.0616	Posts Wood 4" x 6" x 16'	EACH	54	-5	49
637.2210	Signs Type II Reflective H	SF	1446.73	-28.93	1417.80
638.2102	Moving Signs Type II	EACH	3	4	7
638.2602	Removing Signs Type II	EACH	216	8	224
638.3000	Removing Small Sign Supports	EACH	107	9	116
643.0910	Traffic Control Covering Signs Type I	EACH	5	3	8
646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	17,240	3,282	20,522

646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	6,290	563	6,853
646.5020	Marking Arrow Epoxy	EACH	38	2	40
646.5120	Marking Word Epoxy	EACH	5	1	6
646.6120	Marking Stop Line Epoxy 18-Inch	LF	656	20	676
646.7220	Marking Chevron Epoxy 24-Inch	LF	642	89	731
SPV.0090.03	Concrete Barrier Temporary Precast Left in Place	LF	112.5	-12.5	100

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Quantity Added	Proposal Total After Addendum
204.0109.S	Removing Concrete Surface Partial Depth	SF	0	206,253	206,253
204.0170	Removing Fence	LF	0	300	300
638.4000	Moving Small Sign Supports	EACH	0	3	3
646.7120	Marking Diagonal Epoxy 12-Inch	LF	0	78	78
646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	0	48	48

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
42	Permanent Signing (Revised to remove Park & Ride and Crash Investigation Site signs)
43	Permanent Signing (Added, revised, and removed various signs for permanent closure of Park & Ride lot)
74	Pavement Marking (Revised legend)
77	Pavement Marking (Added pavement marking to the IH 43 SB Exit Ramp to Holt Ave)
149	Miscellaneous Quantities (Added removing concrete surface partial depth)
154	Miscellaneous Quantities (Revised Type I & II Permanent Signing table)
155	Miscellaneous Quantities (Revised Type I & II Permanent Signing table)
156	Miscellaneous Quantities (Revised Type I & II Permanent Signing table)
157	Miscellaneous Quantities (Revised Type I & II Permanent Signing table)
158	Miscellaneous Quantities (Revised Type I & II Permanent Signing table)
159	Miscellaneous Quantities (Revised Type I & II Permanent Signing table)
161	Miscellaneous Quantities (Revised Traffic Control Items table to note additional quantities shown elsewhere for Traffic Control Covering Signs Type I)
164	Miscellaneous Quantities (Revised Pavement Marking tables)
166	Miscellaneous Quantities (Revised Crash Cushion, Fencing, and Temporary Concrete Barrier tables)

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
16A	Construction Details (Permanent Crash Cushion & Temporary Precast Concrete Barrier Left in Place)
43A	Permanent Signing (Added, revised, and removed various signs for permanent closure of Park & Ride lot)
77A	Pavement Marking (Added Pavement Marking sheet for IH 43 SB Exit Ramp to Holt Ave)
139A	Fencing (Added Fencing sheet for the Holt Ave Park & Ride)
159A	Miscellaneous Quantities (Revised Type I & II Permanent Signing table)
244A	SDD Crash Cushion/Sand Barrel Array and Other Temporary Layout Details

244B	SDD Crash Cushion/Sand Barrel Array and Other Temporary Layout Details
258A	SDD Fence Chain Link
258B	SDD Fence Chain Link

Deleted Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
23	Park and Ride – Holt Avenue (Other sheets were added/revised to show this work in more detail)

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 01

1228-09-76/78

May 1, 2025

Special Provisions

3. Prosecution and Progress

*Replace paragraph two under section titled **State and Local Road Full Closure Exceptions** with the following:*

The full closure of Howard Ave for thin polymer overlay work shall occur during daytime off-peak hours. The contractor is allowed one full roadway closure for each direction of traffic for this work.

74. Removing Concrete Surface Partial Depth, Item 204.0109.S.

A Description

This special provision describes removing a portion of concrete surfaces as the plans show and conforming to standard spec 204.

B (Vacant)

C Construction

C.1 Equipment

Use a machine that provides a surface finish acceptable to the engineer. Shroud the machine to prevent discharge of any loosened material into adjacent work areas or live traffic lanes.

Use a machine that is equipped with electronic devices that provide accurate depth, grade and slope control, and acceptable dust control system.

C.2 Methods

Remove existing concrete to the depths as shown on the plan by grinding, planing, chipping, sawing, milling, or by using other methods approved by the engineer.

Perform the removal operation in such a manner as to preclude damage to the remaining pavement and results in a reasonable uniform plane surface free of excessive large scarification marks and having a uniform transverse slope.

The sequence of removal operations shall be such that no exposed longitudinal joints 2 inches or more in depth remain during non-working hours. Windrowing or storing of the removed material on the roadway will only be permitted in conjunction with a continuous removal and pick-up operation. During non-working hours, clear the roadway of all materials and equipment.

Removed pavement becomes the property of the contractor. Properly dispose of it as specified in standard spec 204.3.1.3.

D Measurement

The department will measure Removing Concrete Surface Partial Depth in area by the square foot of surface area removed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
204.0109.S	Removing Concrete Surface Partial Depth	SF

Payment is in full compensation for removing the concrete; and for disposing of materials.

stp-204-041 (20080902)

Schedule of Items

Attached, dated May 1, 2025, are the revised Schedule of Items Pages 1 – 17.

Plan Sheets

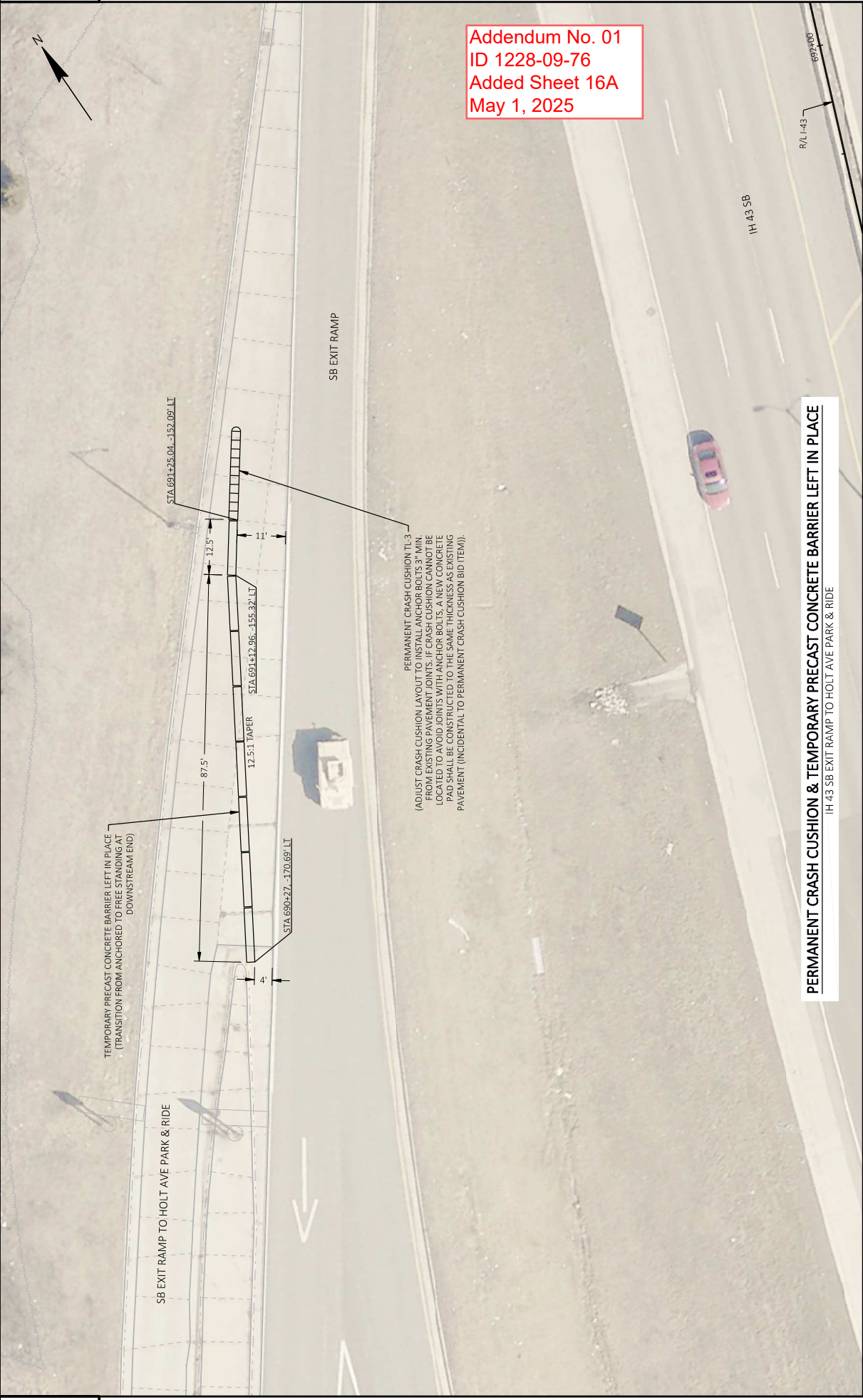
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 42, 43, 74, 77, 149, 154-159, 161, 164, and 166.

Added: 16A, 43A, 77A, 139A, 159A, 244A-B, and 258A-B.

Deleted: 23.

END OF ADDENDUM



Addendum No. 01
ID 1228-09-76
Added Sheet 16A
May 1, 2025

PERMANENT CRASH CUSHION & TEMPORARY PRECAST CONCRETE BARRIER LEFT IN PLACE
IH 43 SB EXIT RAMP TO HOLT AVE PARK & RIDE

PROJECT NO: 1228-09-76	HWY: IH 43	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET 16A	E
FILE NAME: P:\60-WI\1338-WISDOT-IH 43 RAMP\WORK\CAD\12280906-SHEETS\02\001-CD PARK AND RIDE.DWG	LAYOUT NAME: 021007A	PLOT DATE: 4/28/2025 5:47 PM	PLOT BY: CHASE ZASTROW	PLOT NAME: 1 IN 20 FT	WISDOT/CAD/SHEET 62

2

6TH STREET

N

CONNECT TO EXISTING FENCE -

-GATE CHAIN LINK 22-FT

HOLT AVENUE

—EXISTING ROW

—EXISTING FENCE

-112.5' TEMPORARY PRECAST
CONCRETE BARRIER

—PERMANENT CRASH
CUSHION TL-3

8.

CONNECT TO EXISTING FENCE.

IH 43 SB

IH 43 NR

~~PROJECT NO: 1228-09-76~~

HWY: IH 43

COUNTY: MILWAUKEE

PARK AND RIDE - HOLT AVENUE

18 JANUARY 2005

SHEET 23

3

FILE NAME : N:\POS\C3D\12280906\SHEETS\PLAN\HOLT PARK AND RIDGE\CONCEPTUAL DRAWING_PLAN DETAIL.DWG
LAYOUT NAME - Plan 1 IN 100 FT

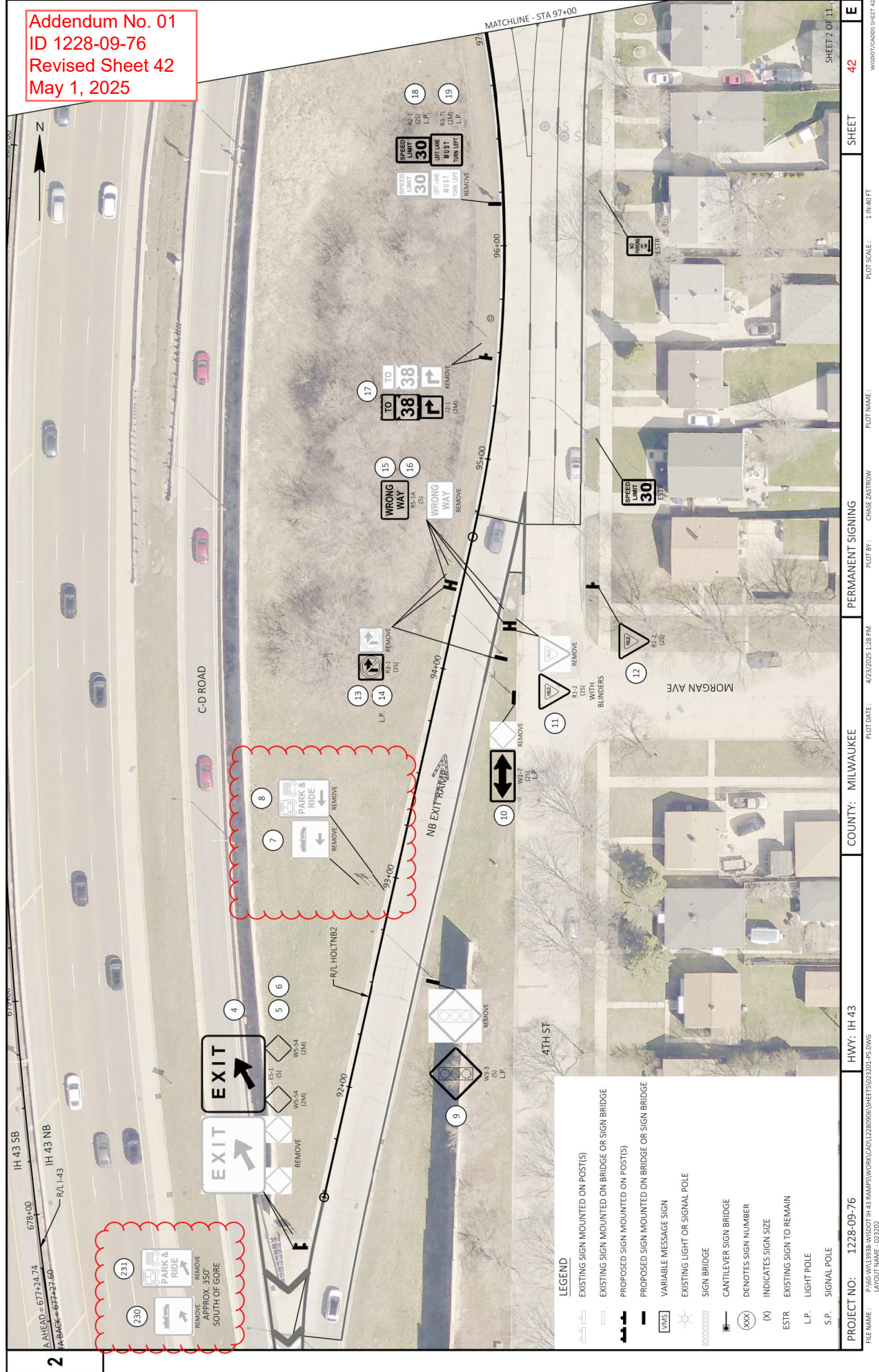
PLOT DATE: 4/1/2025 4:54 PM

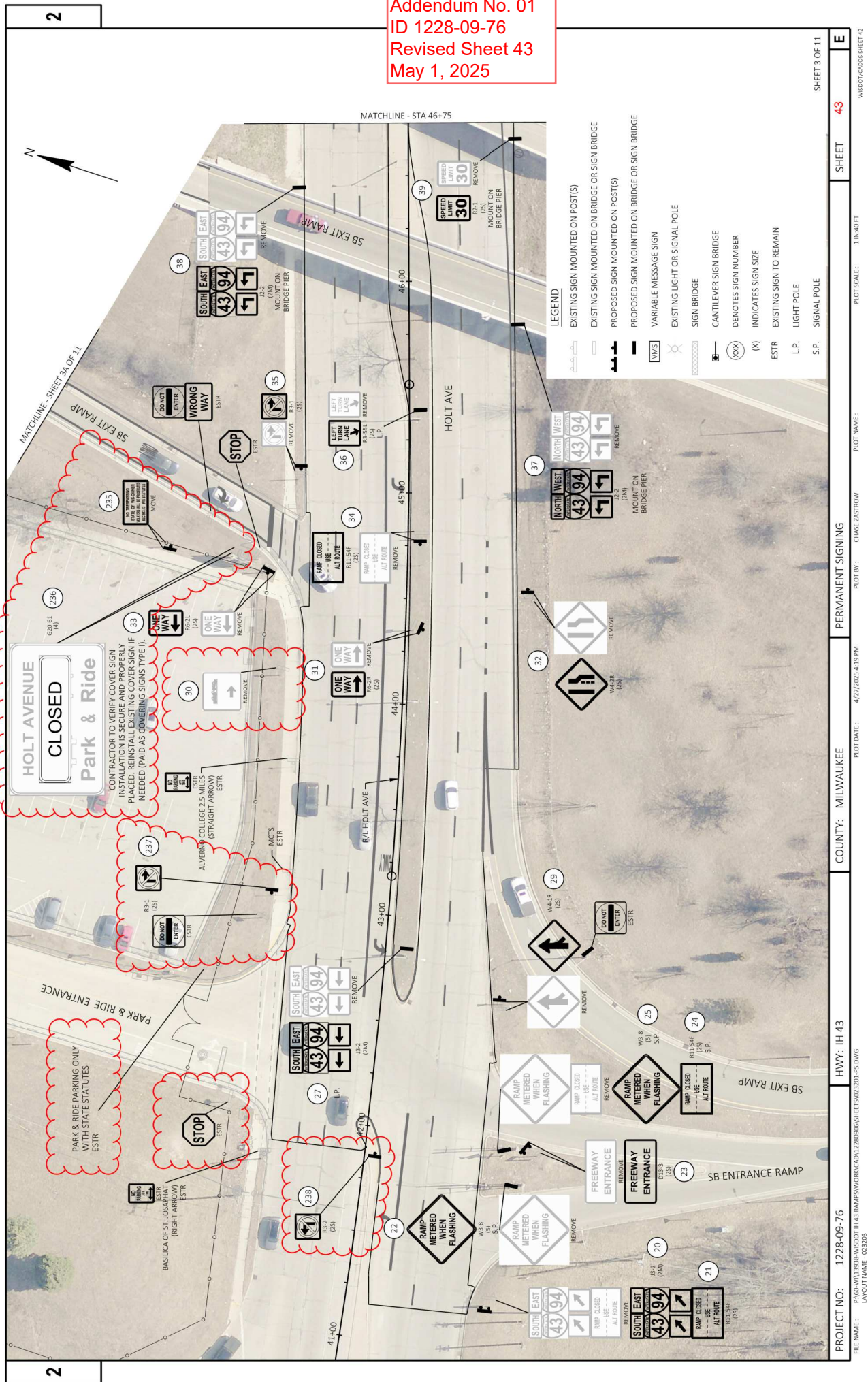
PLOT BY : SCHUMACHER, JAMES D PLOT NAME :

PLOT SCALE : 1 IN:100 FT

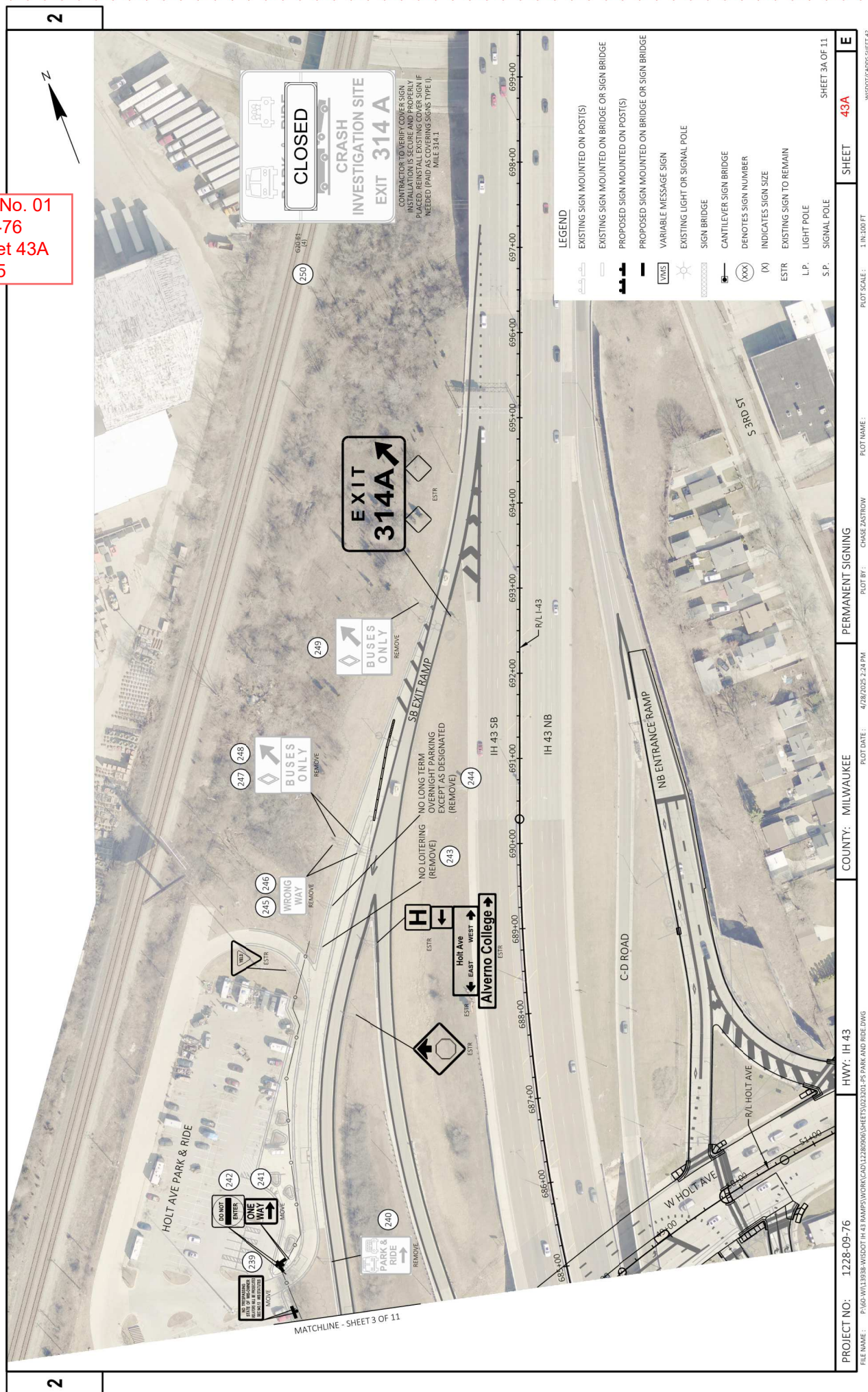
WISDOT/CADD SHEET 42












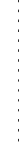














Addendum No. 01
ID 1228-09-76
Revised Sheet 42
May 1, 2025





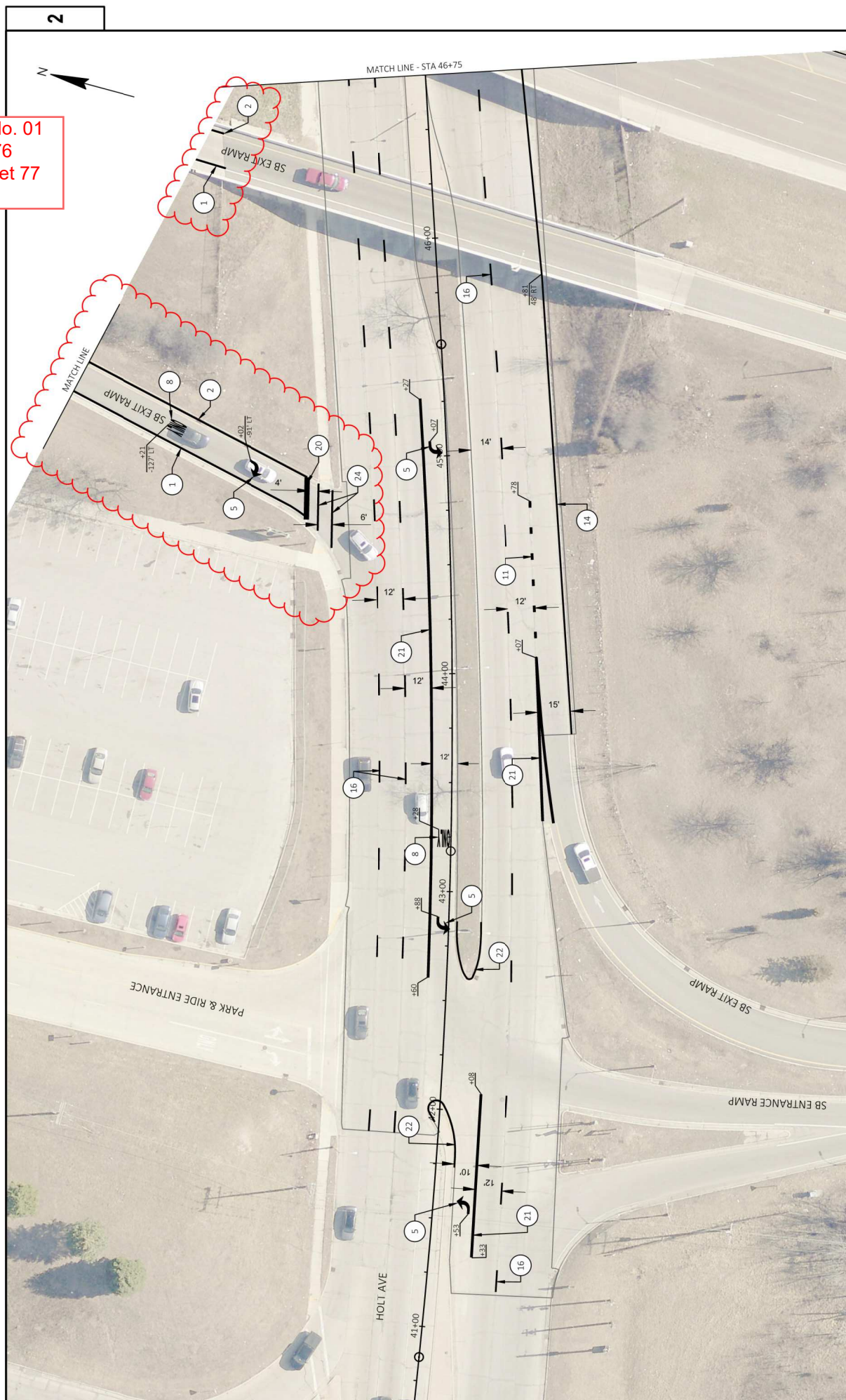
Addendum No. 01
ID 1228-09-76
Added Sheet 43A
May 1, 2025



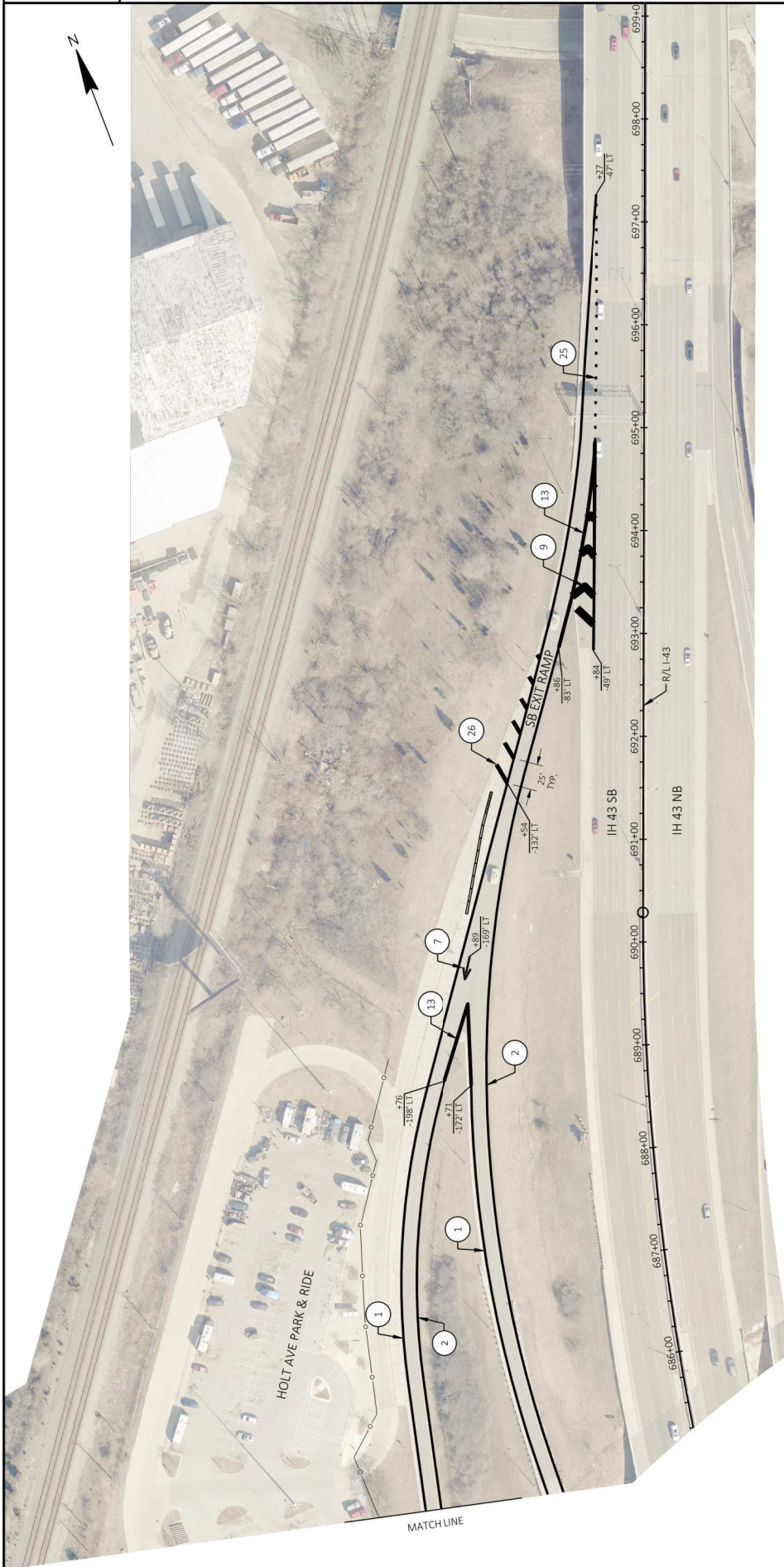
2	<div> <p>LEGEND</p> </div> <div> <div> <div>1</div>  <div>MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)</div> </div> <div> <div>2</div>  <div>MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)</div> </div> <div> <div>3</div>  <div>MARKING LINE GROOVED PERMANENT TAPE 6-INCH (WHITE) (12.5 FT LINE 37.5 FT SKIP) & MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5 FT LINE 37.5 FT SKIP)</div> </div> <div> <div>4</div>  <div>MARKING ARROW EPOXY (TYPE 1)</div> </div> <div> <div>5</div>  <div>MARKING ARROW EPOXY (TYPE 2)</div> </div> <div> <div>6</div>  <div>MARKING ARROW EPOXY (TYPE 3)</div> </div> <div> <div>7</div>  <div>MARKING ARROW EPOXY (TYPE 4)</div> </div> <div> <div>8</div>  <div>MARKING WORD EPOXY</div> </div> <div> <div>9</div>  <div>MARKING CHEVRON EPOXY 24-INCH</div> </div> <div> <div>10</div>  <div>MARKING LINE GROOVED PERMANENT TAPE 10-INCH (WHITE) (3 FT LINE 9 FT SKIP) & MARKING LINE GROOVED BLACK EPOXY 10-INCH (3 FT LINE 9 FT SKIP)</div> </div> <div> <div>11</div>  <div>MARKING LINE EPOXY 8-INCH (WHITE) (3 FT LINE 9 FT SKIP)</div> </div> <div> <div>12</div>  <div>MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE) (2 FT LINE 6 FT SKIP) & MARKING LINE GROOVED BLACK EPOXY 10-INCH (2 FT LINE 6 FT SKIP)</div> </div> <div> <div>13</div>  <div>MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)</div> </div> </div> <div> <div> <div>14</div>  <div>MARKING LINE EPOXY 4-INCH (WHITE)</div> </div> <div> <div>15</div>  <div>MARKING LINE EPOXY 4-INCH (YELLOW)</div> </div> <div> <div>16</div>  <div>MARKING LINE EPOXY 4-INCH (WHITE) (10 FT LINE 30 FT SKIP)</div> </div> <div> <div>17</div>  <div>MARKING SYMBOL EPOXY</div> </div> <div> <div>18</div>  <div>MARKING CROSSWALK EPOXY 12-INCH (WHITE) (TRANSVERSE LINE)</div> </div> <div> <div>19</div>  <div>MARKING CROSSWALK EPOXY 12-INCH (WHITE) (BLOCK STYLE)</div> </div> <div> <div>20</div>  <div>MARKING STOP LINE EPOXY 18-INCH (WHITE)</div> </div> <div> <div>21</div>  <div>MARKING LINE EPOXY 8-INCH (WHITE)</div> </div> <div> <div>22</div>  <div>MARKING CURB EPOXY</div> </div> <div> <div>23</div>  <div>MARKING ISLAND NOSE EPOXY</div> </div> <div> <div>24</div>  <div>MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)</div> </div> <div> <div>25</div>  <div>MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) (3 FT LINE 9 FT SKIP)</div> </div> <div> <div>26</div>  <div>MARKING DIAGONAL EPOXY 12-INCH (WHITE)</div> </div> </div>	<div> <div>PROJECT NO: 1228-09-76</div> <div>HWY: IH 43</div> <div>FILE NAME: P:\60-W\13358-WISDOT IH 43 RAMPS\WORK\CAD\12280906-SHEETS\02-503-PM.DWG</div> <div>LAYOUT NAME: 024503</div> </div> <div> <div>COUNTY: MILWAUKEE</div> <div>PAVEMENT MARKING</div> <div>PLOT BY: CHASE ZASTROW</div> <div>PLOT DATE: 4/22/2025 9:20 AM</div> </div> <div> <div>SHEET 74</div> <div>E</div> <div>PLOT NAME: #####</div> <div>PLOT SCALE: WISDOT/CAD05 SHEET 42</div> </div>
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Addendum No. 01
ID 1228-09-76
Revised Sheet 74
May 1, 2025

Addendum No. 01
ID 1228-09-76
Revised Sheet 77
May 1, 2025



PROJECT NO: 1228-09-76		COUNTY: MILWAUKEE		PAVEMENT MARKING		SHEET 77		E	
PLOT NAME: P160-W11328-W05007 IH 43 RAMPS/WORK/CAID12280906/US024503-PMD/DWG		PLOT DATE: 4/27/2025 4:39 PM		PLOT BY: CHASE ZAISTROW		PLOT SCALE: 1"=40.0 FT		WISDOT/CADD/SHEET 42	



Addendum No. 01
ID 1228-09-76
Added Sheet 77A
May 1, 2025

PROJECT NO: 1228-09-76		COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET 77A	E
FILE NAME: P:\GWD\13358-WISDOT IH 43 RAMP\WORK\CAD\12280906\12280906-PM PARK AND RIDE.DWG		PLOT DATE: 4/27/2025 5:05 PM		PLOT NAME: CHASE ZASTROW	
LAYOUT NAME: 00-0006		PLOT SCALE: 1 IN=100 FT		WISDOT/CADD SHEET 42	

2

Addendum No. 01
ID 1228-09-76
Added Sheet 139A
May 1, 2025

HOLT AVE PARK & RIDE

PROPOSED FENCE

REMOVING FENCE

EXISTING FENCE

APPROX. EX. R/W

SB EXIT RAMP

SB ENTRANCE RAMP

W HOLT AVE

R/L HOLT AVE

C-D ROAD

IH 43 SB

IH 43 NB

S 6TH ST

STATIONING: 39+00, 40+00, 41+00, 42+00, 43+00, 44+00, 45+00, 46+00, 47+00, 48+00, 49+00, 680+00, 681+00, 682+00, 683+00, 684+00, 685+00, 686+00, 687+00, 688+00, 689+00, 690+00

STATIONING POINTS: STA 40+78.191.0' LT, STA 40+64.112.8' LT, STA 40+97.64.8' LT, STA 41+99.66.0' LT, STA 42+03.90.3' LT, STA 43+31.66.6' LT, STA 44+60.66.3' LT, STA 685+57.329.7' LT, STA 685+50.300.5' LT, STA 686+73.298.0' LT, STA 687+54.291.5' LT, STA 688+10.269.9' LT, STA 688+28.276.3' LT, STA 688+98.251.6' LT

OTHER FEATURES: GATE CHAIN LINK 22 FT, APPROX. EX. R/W

PROJECT NO:	1228-09-76	HWY:	IH 43	COUNTY:	MILWAUKEE	FENCING	PLOT NAME:	CHASE ZASTROW	PLOT BY:	4/28/2022 2:36 PM	PLOT DATE:	4/28/2022 2:36 PM	PLOT SCALE:	1 IN=100 FT	SHEET	139A	W850724095 SHEET 42
FILE NAME: P:\60-WIL13938-WISDOT IH 43 RAMPS\WORK\CAD\122809\76\SHEETS\027 ILL-FINDWG																	
LAYOUT NAME: -027101																	

REMOVING GUARDRAIL				204.0165	
LOCATION		FROM	TO	SIDE	REMOVING GUARDRAIL
NATIONAL AVE NB EXIT RAMP		7+92	18+41	RT	500
TOTAL					500

PAVEMENT REMOVAL ITEMS											
204.0100			204.0109.S			204.0110			204.0155		
REMOVING CONCRETE PAVEMENT			REMOVING CONCRETE SURFACE PARTIAL DEPTH			REMOVING ASPHALTIC SURFACE			REMOVING CONCRETE SIDEWALK		
SY			SF			SY			SY		
LOCATION			LOCATION			LOCATION			LOCATION		
HOWARD AVE NB ENTRANCE RAMP			HOWARD AVE NB ENTRANCE RAMP			HOWARD AVE NB ENTRANCE RAMP			HOWARD AVE NB ENTRANCE RAMP		
1,650			11,853			1,317			166		
HOLT AVE NB EXIT RAMP			HOLT AVE NB EXIT RAMP			HOLT AVE NB EXIT RAMP			HOLT AVE NB EXIT RAMP		
8,001			8,001			889			42		
HOLT AVE NB ENTRANCE RAMP			HOLT AVE NB ENTRANCE RAMP			2,976			58		
65			26,784			1,681			149		
LAPHAM BLVD NB EXIT RAMP			LAPHAM BLVD NB EXIT RAMP			15,129			29		
-			-			13,374			-		
LAPHAM BLVD NB ENTRANCE RAMP			LAPHAM BLVD NB ENTRANCE RAMP			1,486			-		
-			-			15,714			-		
NATIONAL AVE NB EXIT RAMP			NATIONAL AVE NB EXIT RAMP			1,746			-		
8			8			1,910			-		
6TH ST NB ENTRANCE RAMP			6TH ST NB ENTRANCE RAMP			17,586			-		
-			-			1,954			-		
NATIONAL AVE NB ENTRANCE RAMP			NATIONAL AVE NB ENTRANCE RAMP			10,899			-		
-			-			34,677			-		
LAPHAM BLVD SB ENTRANCE RAMP			LAPHAM BLVD SB ENTRANCE RAMP			3,853			-		
-			-			1,373			-		
LAPHAM BLVD SB EXIT RAMP			LAPHAM BLVD SB EXIT RAMP			2,521			-		
-			-			9			-		
NATIONAL AVE SB EXIT RAMP			NATIONAL AVE SB EXIT RAMP			20			-		
9			9			9,559			35		
6TH ST SB EXIT RAMP			6TH ST SB EXIT RAMP			790			79		
20			HOLT AVE			754			115		
115			LAPHAM BLVD & 5TH ST			-			130		
LAPHAM BLVD & 5TH ST			LAPHAM BLVD & 4TH ST			-			132		
175			MINERAL ST & 6TH ST			-			113		
264			MINERAL ST & 9TH ST			24			704		
269			WALKER ST & 9TH ST			206,253			886		
273			TOTAL			24			34,020		
2,947			TOTAL			235			704		

Addendum No. 01
ID 1228-09-76
Revised Sheet 149
May 1, 2025

EARTHWORK SUMMARY

DIVISION	FROM/TO STATION	LOCATION	205.0100 COMMON EXCAVATION		SALVAGED/UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL		MASS ORDINATE +/- (7)	WASTE (8)	COMMENT
			CUT (2)	EB5 EXCAVATION (3)				(6) FACTOR 1.20				
DIVISION 1 HOLT AVE OFF RAMP	94+73.72/98+01.00		1,416	0	400	1,016	0	0	0	1,016	1,016	
			1,416	0	400	1,016	0	0	0	1,016	1,016	
DIVISION 1 SUBTOTAL												
GRAND TOTAL			1,416	0	400	1,016	0	0	0	1,016	1,016	
				60								
TOTAL COMMON EXC			1,476									

- NOTES:
- (1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100
 - (2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
 - (3) EBS EXCAVATION TO BE BACKFILLED WITH BREAKER RUN.
 - (4) SALVAGED/UNUSABLE PAVEMENT MATERIAL
 - (5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL
 - (6) EXPANDED FILL FACTOR = 1.20
 - (7) THE MASS ORDINATE +/- OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS QUANTITY INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.
 - (8) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

NOTE: ALL ITEMS ARE CATEGORY 1000 UNLESS NOTED OTHERWISE.

Addendum No. 01
ID 1228-09-76
Revised Sheet 154
May 1, 2025

TYPE I & II PERMANENT SIGNING																												
SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H (IN.)	SIGN TYPE II REFLECTIVE H	637.2210	SIGN TYPE II REFLECTIVE H FOLDING	637.2215	SIGN TYPE II REFLECTIVE F	637.2230	MOVING SIGN TYPE II	638.2102	REM SIGN TYPE II	638.2602	638.3000	(MOVING) SMALL SIGN SUP	634.0614	POSTS WOOD 4" x 6" x 16"	634.0616	POSTS WOOD 4" x 6" x 18"	634.0618	POSTS WOOD 4" x 6" x 20"	634.0620	TRAFFIC CONTROL COVERING SIGN TYPE II	643.0910	BLINDERS FOR TYPE II SIGN	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION	
1	R5-57(5)	--	36 X 36	9.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
2	W4-3R(5)	--	48 X 48	--	--	--	--	16.00	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
3	J2-1(2M)	--	24 X 57	9.50	--	--	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
4	M3-4(2M)	--	24 X 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
5	M1-1(2M)	IH 94	24 X 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
6	W4-20L(2M)	USE LEFT LANE	72 X 60	30.00	--	--	--	--	--	--	--	1	2	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
7	W5-54(2M)	--	18 X 18	--	--	--	--	2.25	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	LIGHT POLE	
8	D4-55L	--	48 X 48	--	--	--	--	2.25	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	4	LIGHT POLE	
9	W3-3(6)	--	48 X 24	--	--	--	--	16.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
10	W1-7(2S)	--	48 X 24	--	--	--	--	8.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	LIGHT POLE	
11	R1-2(2S)	--	36 X 31	3.88	--	--	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
12	R1-2(2S)	--	36 X 31	3.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
13	R3-1(2S)	--	24 X 24	4.00	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
14	R3-1(2S)	--	24 X 24	4.00	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
15	R5-1A(5)	--	42 X 30	8.75	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	13	LIGHT POLE
16	R5-1A(5)	--	42 X 30	8.75	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11	LIGHT POLE
17	J2-1(2M)	--	24 X 57	9.50	--	--	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
18	M4-5(2M)	STH 38	24 X 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
19	M1-6(2M)	--	24 X 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
20	M5-1R(2M)	SPEED LIMIT 30	21 X 21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
21	R2-1(2S)	--	24 X 30	5.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
22	R3-7L(2M)	--	30 X 30	6.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
23	J3-2(2M)	--	48 X 57	19.00	--	--	--	--	--	--	1	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
24	M3-3(2M)	--	24 X 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
25	M1-1(2M)	IH 94	24 X 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	20	SIGNAL POLE	
26	M6-2(2M)	--	21 X 21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SIGNAL POLE	
27	D13-3(2S)	--	60 X 30	12.50	--	--	--	16.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
28	R11-54F(2S)	--	48 X 48	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SIGNAL POLE	
29	W3-8(6)	--	48 X 57	19.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
30	M1-1(2M)	IH 43	24 X 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
31	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
32	M3-2(2M)	--	24 X 12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
33	M1-1(2M)	IH 94	24 X 24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
34	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
35	R3-1(2S)	--	24 X 30	5.00	--	--	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
36	R3-55L(2S)	--	24 X 30	5.00	--	--	--	--	--	--	1	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
37	J2-2(2M)	--	48 X 57	19.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIGHT POLE	
* = ADDITIONAL QUANTITIES SHOWN ELSEWHERE																												

No. 01
76
Sheet 154
5

PROJECT NO: 1228-09-76
PROJECT NAME: F:\E-W\1338-W\DOT\14-3 RAMPS\WORK\CAD\1228-09-76 SHEET 002\14-3 RAMPS.DWG
E:\E-W\1338-W\DOT\14-3 RAMPS\WORK\CAD\1228-09-76 SHEET 002\14-3 RAMPS.DWG
DRAWN BY: P. W

3

3

WISDOT/CADDs SHEET 42

3

WISDOT/CADD SHEET 42

Addendum No. 01
ID 1228-09-76
Revised Sheet 157
May 1, 2025

TYPE I & II PERMANENT SIGNING												
1228-09-76 IH 43												
SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H (IN.)	SIGN REFLECTIVE H (SF)	SIGN TYPE II REFLECTIVE H FOLDING (SF)	SIGN TYPE II REFLECTIVE F (SF)	MOVING SIGNS TYPE II	REM SIGNS TYPE II	638.2102	638.2602	638.3000	638.4000
110	R6-2(2S)	--	24 X 24	4.00	--	--	--	--	--	--	--	--
111	R6-1R(2S)	--	36 X 12	3.00	--	--	--	--	--	--	--	--
112	R5-1(2S)	--	30 X 30	6.25	--	--	--	--	--	--	--	--
113	R9-3A(2S)	--	24 X 24	4.00	--	--	--	--	--	--	--	--
114	J5-2(2M)	--	48 X 57	19.00	--	--	--	--	--	--	--	--
	M3-3(2M)	--	24 X 12	--	--	--	--	--	--	--	--	--
	M1-1(2M)	IH 43	24 X 24	--	--	--	--	--	--	--	--	--
	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	--	--
	M3-2(2M)	--	24 X 12	--	--	--	--	--	--	--	--	--
	M1-1(2M)	IH 94	24 X 24	--	--	--	--	--	--	--	--	--
115	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	--	--
116	J2-2(2M)	--	48 X 30	--	10.00	--	--	2	--	--	--	--
	M3-3(2M)	--	48 X 57	19.00	--	--	--	--	--	--	--	--
	M1-1(2M)	IH 43	24 X 12	--	--	--	--	--	--	--	--	--
	M5-1L(2M)	--	21 X 21	--	--	--	--	--	--	--	--	--
	M1-1(2M)	IH 94	24 X 24	--	--	--	--	--	--	--	--	--
117	J3-2(2M)	--	48 X 57	19.00	--	--	--	--	--	--	--	--
	M3-1(2M)	--	24 X 12	--	--	--	--	--	--	--	--	--
	M1-1(2M)	IH 43	24 X 24	--	--	--	--	--	--	--	--	--
	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	--	--
	M3-4(2M)	--	24 X 12	--	--	--	--	--	--	--	--	--
	M1-1(2M)	IH 94	24 X 24	--	--	--	--	--	--	--	--	--
118	R9-3A(2S)	--	21 X 21	--	--	--	--	--	--	--	--	--
119	R5-1(2S)	--	24 X 24	4.00	--	--	--	--	--	--	--	--
120	R5-1A(5)	--	30 X 30	6.25	--	--	--	1	--	--	--	--
121	R6-2R(2S)	--	42 X 30	8.75	--	--	--	--	--	--	--	--
122	R6-2R(2S)	--	24 X 30	5.00	--	--	--	--	--	--	--	--
123	R4-7(2S)	--	24 X 30	5.00	--	--	--	--	--	--	--	--
124	R10-50L	--	48 X 30	--	--	--	--	2	--	--	--	--
125	R11-54F(2S)	--	48 X 30	--	10.00	--	--	--	--	--	--	--
126	R1-1(3)	--	36 X 36	7.46	--	--	--	1	--	--	--	--
127	R6-2L(2S)	--	24 X 30	5.00	--	--	--	--	--	--	--	--
128	R6-2R(2S)	--	24 X 30	5.00	--	--	--	--	--	--	--	--
129	W12-1D(2S)	--	24 X 24	--	--	4.00	--	1	--	--	--	--
130	R3-2(2S)	--	24 X 24	4.00	--	--	--	--	--	--	--	--
131	R6-2L(2S)	--	24 X 30	5.00	--	--	--	--	--	--	--	--
132	R5-57(5)	--	36 X 36	9.00	--	--	--	1	--	--	--	--
133	W12-1D(2S)	--	24 X 24	--	--	4.00	--	1	--	--	--	--
134	R5-1A(5)	--	42 X 30	8.75	--	--	--	--	--	--	--	--
134A	R5-1A(5)	--	42 X 30	8.75	--	--	--	--	--	--	--	--
135	D1-60A(MOD)	--	78 X 36	19.50	--	--	--	2	--	--	--	--
136	W3-8(6)	--	48 X 48	--	--	16.00	--	--	--	--	--	--
137	J3-2(2M)	--	48 X 57	19.00	--	--	--	2	--	--	--	--
	M3-1(2M)	IH 43	24 X 12	--	--	--	--	--	--	--	--	--
	M1-1(2M)	--	24 X 24	--	--	--	--	--	--	--	--	--
	M6-2(2M)	--	21 X 21	--	--	--	--	--	--	--	--	--
	M3-4(2M)	--	24 X 12	--	--	--	--	--	--	--	--	--
	M1-1(2M)	IH 94	24 X 24	--	--	--	--	--	--	--	--	--
138	M6-2(2M)	--	21 X 21	--	--	--	--	--	--	--	--	--
139	W4-1R(5)	--	96 X 15	10.00	--	--	--	1	--	--	--	--
139	W4-1R(5)	--	48 X 48	--	--	16.00	--	1	--	--	--	--
= ADDITIONAL QUANTITIES SHOWN ELSEWHERE												
NOTE: ALL ITEMS ARE CATEGORY 1000.												
SHEET 157												
SHEET 4 OF 7												

WISDOT/CAD05 SHEET 42

1"=1'

PLOT NAME:

CHASE EASTROW

PLOT BY:

4/28/2025 5:56 PM

PLOT DATE:

MILWAUKEE

COUNTY:

HWY: IH 43

PROJECT NO:

1228-09-76

FILE NAME: P:\G0-W\13358-WISDOT IH 43 RAMP\WORK\CAD\12280906-SHEETS\030211-MG-PS.DWG

LAYOUT NAME: -030214

3

3

Addendum No. 01
ID 1228-09-76
Revised Sheet 158
May 1, 2025

TYPE I & II PERMANENT SIGNING										1228-09-76 IH 43																				
SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H (IN.)	SIGN REFLECTIVE TYPE II H (SF)	637.2210	SIGN TYPE II REFLECTIVE H FOLDING (SF)	637.2215	SIGN TYPE II REFLECTIVE F (SF)	637.2230	MOVING SIGN TYPE II (EA)	638.2102	REM SIGN TYPE II (EA)	638.2602	REM SIGN TYPE II (EA)	638.3000	MOVING SIGN SUP (EA)	638.4000	POSTS WOOD 4" x 6" x 14" (EA)	634.0614	POSTS WOOD 4" x 6" x 16" (EA)	634.0616	POSTS WOOD 4" x 6" x 18" (EA)	634.0618	POSTS WOOD 4" x 6" x 20" (EA)	634.0620	TRAFFIC CONTROL COVERING SIGN TYPE I (EA)	643.0910	BLINDERS FOR TYPE II SIGN (EA)	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
140	R10-6(2M)	--	24 X 36	6.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SIGNAL POLE
141	R10-6(2M)	--	24 X 36	6.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SIGNAL POLE
142	W3-3(5)	--	48 X 48	--	--	--	--	16.00	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	143
143	E5-1B(5)	--	114 X 60	47.50	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	143
144	W5-54(2M)	--	18 X 18	--	--	--	--	2.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
145	W5-54(2M)	--	18 X 18	--	--	--	--	2.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	143
146	W1-6(2M)	--	48 X 24	--	--	--	--	8.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	143
147	S1-1(2M)	--	36 X 36	--	--	--	--	6.75	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
148	S16-9P(2M)	--	30 X 18	--	--	--	--	3.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
149	S1-1(2M)	--	36 X 36	--	--	--	--	6.75	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
150	S16-9P(2M)	--	30 X 18	--	--	--	--	3.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
151	W1-6(2M)	--	48 X 24	--	--	--	--	8.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
152	W1-6(2M)	--	48 X 24	--	--	--	--	8.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
153	W1-6(2M)	--	48 X 24	--	--	--	--	8.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
154	W3-1(5)	--	48 X 48	--	--	--	--	16.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
155	W3-1(6)	--	48 X 48	--	--	--	--	16.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
156	W3-8(6)	--	48 X 48	--	--	--	--	16.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
157	W3-2(2M)	--	36 X 36	--	--	--	--	9.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
158	R1-2(2M)	--	48 X 42	7.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
159	R10-6(2M)	--	24 X 36	6.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
160	W4-2L(5)	--	48 X 48	--	--	--	--	16.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
161	W1-6(2M)	--	48 X 24	--	--	--	--	8.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
162	R10-6(2M)	--	24 X 36	6.00	--	--	--	16.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
163	W4-1R(5)	--	48 X 48	--	--	--	--	16.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
164	R10-65L(2M)	--	24 X 30	5.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
165	R10-6(2M)	--	24 X 36	6.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
166	R10-65R(2M)	--	24 X 30	5.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
167	R10-6(2M)	--	24 X 36	6.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
168	D1-60A(MOD)	--	72 X 30	15.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
169	R5-1A(5)	--	42 X 30	8.75	--	--	--	--	--	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
170	W3-8(6)	--	48 X 48	--	--	--	--	16.00	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	147
171	D13-3(2S)	--	60 X 30	12.50	--	--	--	--	--	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	171
172	R11-54F(2S)	--	48 X 30	--	--	10.00	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	171
173	J3-2(2M)	--	48 X 57	19.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	171
174	M1-1(2M)	--	24 X 12	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	171
175	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	171
176	M3-4(2M)	--	24 X 12	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	171
177	M1-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	171
178	R1-1F(3)	--	36 X 36	--	--	7.46	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
179	R1-1F(3)	--	36 X 36	--	--	7.46	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
180	M3-2(2M)	--	48 X 57	19.00	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
181	M1-1(2M)	--	24 X 12	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
182	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
183	M3-4(2M)	--	24 X 12	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
184	M1-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
185	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
186	M3-4(2M)	--	24 X 12	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
187	M1-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
188	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
189	M3-4(2M)	--	24 X 12	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
190	M1-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
191	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
192	M3-4(2M)	--	24 X 12	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
193	M1-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
194	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
195	M3-4(2M)	--	24 X 12	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
196	M1-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
197	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
198	M3-4(2M)	--	24 X 12	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
199	M1-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
200	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
201	M3-4(2M)	--	24 X 12	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
202	M1-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
203	M6-1(2M)	--	21 X 21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	176
204	M3-4(2M)	--	24 X 12	--	--	--	--	--																						

Addendum No. 01
ID 1228-09-76
Revised Sheet 159
May 1, 2025

TYPE I & II PERMANENT SIGNING										1228-09-76 IH 43									
SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	SIGN TYPE II REFLECTIVE H	SIGN TYPE II REFLECTIVE H FOLDING [SF]	SIGN TYPE II REFLECTIVE F	MOVING SIGNS TYPE II [EA]	REM SIGNS TYPE II [EA]	REM SIGNS TYPE II [EA]	MOVING SIGNS SUP [EA]	SMALL SIGNS SUP [EA]	POSTS WOOD 4" x 6" x 14' [EA]	POSTS WOOD 4" x 6" x 16' [EA]	POSTS WOOD 4" x 6" x 18' [EA]	POSTS WOOD 4" x 6" x 20' [EA]	TRAFFIC CONTROL SIGNS TYPE II [EA]	BLINDERS FOR TYPE II SIGN [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
182A	M1-94S(MOD)	-	72 X 30	15.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ON MAST ARM
183	M1-94H(MOD)	-	48 X 18	6.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ON MAST ARM
183A	M1-94H(MOD)	-	48 X 18	6.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ON MAST ARM
184	R6-1L(2S)	-	36 X 12	3.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
185	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
186	R1-3P(3)	-	24 X 9	1.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
187	R6-1R(2S)	-	36 X 12	3.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
188	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
189	R5-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
190	D1-60A(MOD)	-	96 X 36	24.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	IN THE SHAPE OF AN R1-1(3)
191	J22-1(2M)	-	24 X 57	9.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MOUNT ON EXISTING POSTS
	M4-5(2M)	-	24 X 12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	MOUNT ON EXISTING POST
	M1-6(2M)	STH 59	24 X 24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	M6-2(2M)	-	21 X 21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
192	D4-2R(2M)	-	30 X 36	7.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
193	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FLASHING BEACON ASSEMBLY POLE
194	R1-3P(3)	-	24 X 9	1.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
195	R4-7(2S)	-	24 X 30	5.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FLASHING BEACON ASSEMBLY POLE
196	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
197	R1-3P(3)	-	24 X 9	1.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
198	R5-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	IN THE SHAPE OF AN R1-1(3)
199	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FLASHING BEACON ASSEMBLY POLE
200	R6-2R(2S)	-	24 X 30	5.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FLASHING BEACON ASSEMBLY POLE
201	R6-2L(2S)	-	24 X 30	5.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
202	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
203	R5-1A(2S)	-	36 X 24	6.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
204	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
205	R1-3P(3)	-	24 X 9	1.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
206	R6-1L(2S)	-	36 X 12	3.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
207	R6-1R(2S)	-	36 X 12	3.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
208	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FLASHING BEACON ASSEMBLY POLE
209	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
210	R1-3P(3)	-	24 X 9	1.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
211	R4-7(2S)	-	24 X 30	5.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
212	W5-52L(2S)	-	12 X 36	-	-	3.00	-	-	-	-	-	-	-	-	-	-	-	-	FLASHING BEACON ASSEMBLY POLE
213	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
214	R1-3P(3)	-	24 X 9	1.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
215	R6-2L(2S)	-	24 X 30	5.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2' MOUNTING HEIGHT
216	R5-1A(5)	-	42 X 30	8.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
217	D1-60A(MOD)	-	84 X 36	21.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FLASHING BEACON ASSEMBLY POLE
218	R5-1(3)	-	36 X 36	9.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
219	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FLASHING BEACON ASSEMBLY POLE
220	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
221	R1-3P(3)	-	24 X 9	1.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	IN THE SHAPE OF AN R1-1(3)
222	R5-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LIGHT POLE
223	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LIGHT POLE
224	R1-3P(3)	-	24 X 9	1.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LIGHT POLE
225	R3-2(2S)	-	24 X 24	4.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LIGHT POLE IN THE SHAPE OF AN R1-1(3)
226	R5-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
227	R1-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LIGHT POLE
228	R1-3P(3)	-	24 X 9	1.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LIGHT POLE IN THE SHAPE OF AN R1-1(3)
229	R5-1(3)	-	36 X 36	7.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	LIGHT POLE IN THE SHAPE OF AN R1-1(3)
230	D4-55R	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SHEET 2 OF 11
231	D4-2R	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SHEET 2 OF 11
232	NOT USED	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NOTE: ALL ITEMS ARE CATEGORY 1000.
= ADDITIONAL QUANTITIES SHOWN ELSEWHERE										SHEET 6 OF 7									
PROJECT NO. 1228-09-76		COUNTY: MILWAUKEE		PLOT DATE: 4/27/2025 7:12 PM		PLOT BY: CHASE ZASTROW		PLOT NAME:		PLOT SCALE: 1"=1'		SHEET 159		SHEET 159		SHEET 159		SHEET 159	
FILE NAME: P:\G0-M\13358-WISDOT IH 43 RAMPS\WORK\CA0112280906-SHEETS\030211-MG-PS.DWG		LAYOUT NAME: -030216		WISDOT\CA005 SHEET 42															

TYPE I & II PERMANENT SIGNING		1228-09-76 IH 43																													
SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	SIGN TYPE II REFLECTIVE H [SF]	637.2210	SIGN TYPE II REFLECTIVE H FOLDING [SF]	637.2215	SIGN TYPE II REFLECTIVE F [SF]	637.2230	MOVING SIGNS TYPE II [EA]	638.2102	REM SIGNS TYPE II [EA]	638.3000	MOVING SIGNS SUP [EA]	638.4000	634.0614	634.0616	634.0618	634.0620	643.0910	TRAFFIC CONTROL SIGNS TYPE I [EA]	SPV.0060.05	BLINDERS FOR TYPE II SIGN [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION						
233	NOT USED	--	X	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SHEET 3 OF 11						
234	NOT USED	--	X	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SHEET 3 OF 11						
235	R5-98	--	X	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	--	--	--	--	SHEET 3 OF 11						
236	G20-61(4)	--	120 X 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SHEET 3 OF 11						
237	R3-1(2S)	--	24 X 24	4.00	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	SHEET 3 OF 11						
238	R3-2(2S)	--	24 X 24	4.00	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	SHEET 3 OF 11						
239	R5-98	--	X	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	SHEET 3A OF 11						
240	D4-2R	--	X	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	SHEET 3A OF 11						
241	R6-1R	--	X	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	SHEET 3A OF 11						
242	R5-1	--	X	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	241	SHEET 3A OF 11						
243	NO LOITERING NO LONG TERM OVERNIGHT PARKING EXCEPT AS DESIGNATED	--	X	--	--	--	--	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--	SHEET 3A OF 11						
244		--	X	--	--	--	--	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--	SHEET 3A OF 11						
245		R5-1A	--	X	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	SHEET 3A OF 11						
246		R5-1A	--	X	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	SHEET 3A OF 11						
247		R3-11D	--	X	--	--	--	--	--	--	--	1	2	--	--	--	--	--	--	--	--	--	--	--	--	SHEET 3A OF 11					
248	R3-11D	--	X	--	--	--	--	--	--	--	--	1	2	--	--	--	--	--	--	--	--	--	--	--	SHEET 3A OF 11						
249	R3-11D	--	X	--	--	--	--	--	--	--	--	1	2	--	--	--	--	--	--	--	--	--	--	--	SHEET 3A OF 11						
250	G20-61(4)	--	120 X 30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	SHEET 3A OF 11						
UNDISTRIBUTED				1417.80														169.68	409.50	7	224	116	3	16	49	21	8	3	1	--	--

Addendum No. 01
ID 1228-09-76
Added Sheet 159A
May 1, 2025

NOTE: ALL ITEMS ARE CATEGORY 1000 UNLESS NOTED OTHERWISE.

* = ADDITIONAL QUANTITIES SHOWN ELSEWHERE

LANE

PLOT NAME :

PLOT SCALE: 1" = 1'

WISDOT/CADDs SHEET 42

3

WISDOT/CADDs SHEET 42

CRASH CUSHION

614.0800 CRASH CUSHIONS PERMANENT EACH	BACK WIDTH FT	OBJECT MARKING PATTERN	CRASH TEST LEVEL	TRAFFIC DIRECTION	TRAFFIC LOCATION	CRASH CUSHION SHIELDS
1	2	OM-3R	TL-3	UNIDIRECTIONAL	R	TEMPORARY PRECAST CONCRETE BARRIER LEFT IN PLACE ON SHOULDER
TOTAL						1

Addendum No. 01
ID 1228-09-76
Revised Sheet 166
May 1, 2025

LOCATION	204.0170	616.0206	616.0329.01
	FENCE	FENCE	GATES CHAIN
	REMOVING	CHAIN LINK	LINK (WIDTH)
	6-FT	22-FT	
LF	300	1,090	1
	300	1,090	1
TOTAL			

TEMPORARY CONCRETE BARRIER	SPV.0090.03
CONCRETE BARRIER	
TEMPORARY PRECAST	
LEFT IN PLACE	
LF	100
	100
TOTAL	

NOTE: ALL ITEMS ARE CATEGORY 1010 UNLESS NOTED OTHERWISE.

PROJECT NO: 1228-09-76	HWY: IH 43	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET 166	E
FILE NAME: P:\60-W\13358-WISDOT IH 43 RAMP\WORK\CAD\12280906-SHEETS\03201-MQ.DWG	PLANT NAME: 030231	PLANT DATE: 4/27/2025 6:02 PM	PLANT BY: CHASE ZASTROW	PLANT SCALE: 1"=1'	WISDOT/CAD05 SHEET 42



②

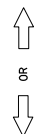
FACILITY	POSTED SPEED MPH	DIMENSION A		
		MIN. FT	MAX. FT	
FREEMAY/EXPRESSWAY	ALL	15	20	
NON-FREEMAY/EXPRESSWAY	GREATER THAN OR EQUAL TO 45	10	15	
NON-FREEMAY/EXPRESSWAY	LESS THAN 45	8	10	
ADMT LESS THAN 1500	ALL	8	10	

②

POSTED SPEEDS MPH	DIMENSION B FT
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645

Addendum No. 01
ID 1228-09-76
Added Sheet 244A
May 1, 2025

CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON ONE SIDE OF BARRIER



CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON BOTH SIDES OF BARRIER

GENERAL NOTES

SEE STANDARD DETAIL DRAWING 14B7 FOR MORE INFORMATION.

DETAILS PROVIDE A GENERAL LAYOUT OF TEMPORARY CONCRETE BARRIER, CRASH CUSHIONS, SAND BARREL ARRAYS AND TIE DOWN TRANSITIONS. DETAILS PROVIDED MAY NOT FIT ALL POSSIBLE SITUATIONS OR SITE CONDITIONS. SEE OTHER SECTIONS OF THE CONTRACT OR PROJECT ENGINEER FOR MORE DETAILS.

ADDITIONAL TEMPORARY BARRIER MAY BE REQUIRED TO PROTECT TRAVELING PUBLIC FROM HAZARDS, CONTRACTOR'S OPERATIONS OR TO CONTROL TRAFFIC.

TEMPORARY BARRIER MAY BE REQUIRED TO BE ANCHORED TO PAVEMENT OR BRIDGE DECK.

FOR DETAILS ON CRASH CUSHION OR SAND BARREL ARRAYS SEE OTHER SECTIONS OF THE PLAN AND MANUFACTURE'S DETAILS.

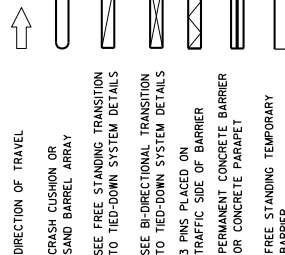
ARE 10:1 OR LESS.

1) FOR DEFLECTION INFORMATION SEE STANDARD DETAIL DRAWING 14B7.

2 VALUES PROVIDED MAY NOT FIT ALL POSSIBLE SITUATIONS OR SITE CONDITIONS. SEE OTHER SECTIONS OF THE CONTRACT OR PROJECT ENGINEER FOR MORE DETAILS.

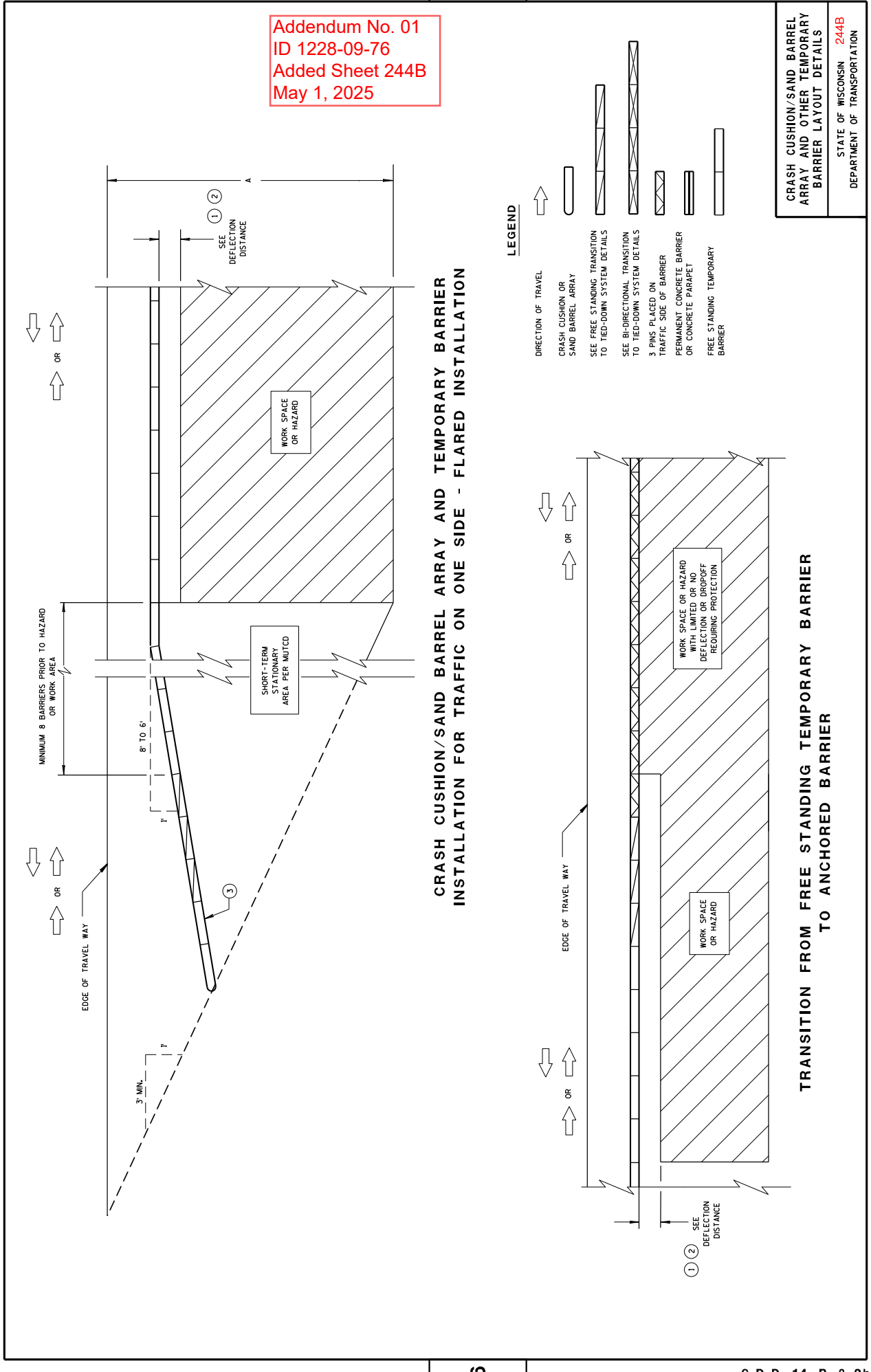
3 ANCHOR TEMPORARY BARRIER ACCORDING TO CRASH CUSHION OR SAND BARREL MANUFACTURER'S RECOMMENDATIONS. IF MANUFACTURER'S RECOMMENDATIONS ARE NOT PROVIDED, ANCHOR 3 PINS ON TRAFFIC SIDE.

LEGEND

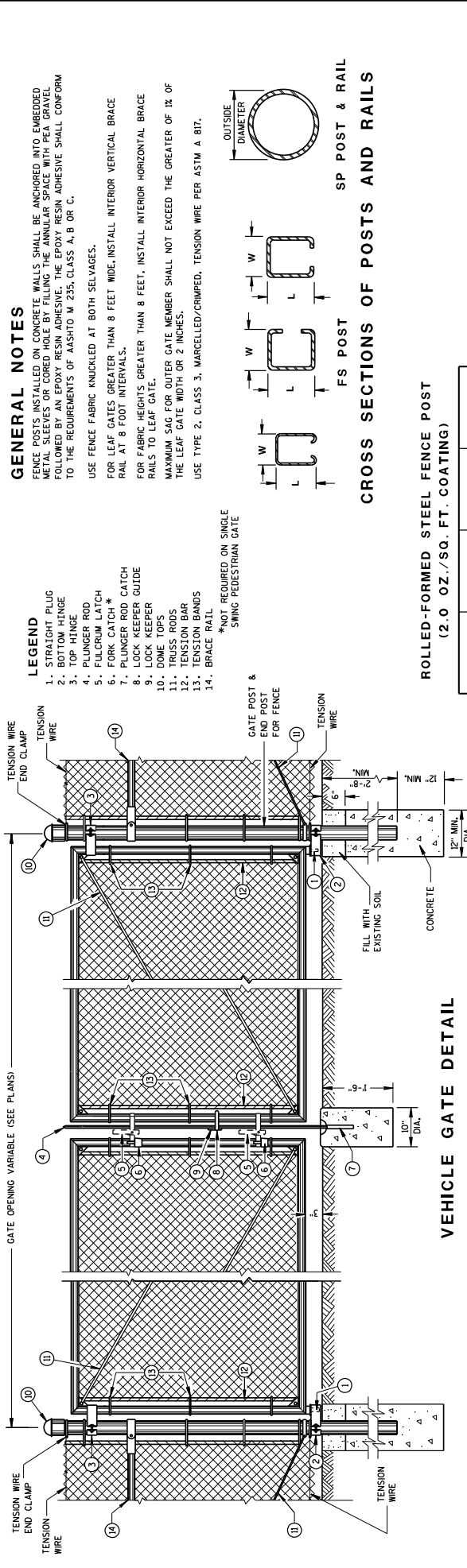


**CRASH CUSHION/SAND BARREL
ARRAY AND OTHER TEMPORARY
BARRIER LAYOUT DETAILS**

STATE OF WISCONSIN 244A
DEPARTMENT OF TRANSPORTATION



Addendum No. 01
ID 1228-09-76
Added Sheet 244B
May 1, 2025



GENERAL NOTES

FENCE POSTS INSTALLED ON CONCRETE WALLS SHALL BE ANCHORED INTO EMBEDDED METAL SLEEVES OR CORED HOLE BY FILLING THE ANNULAR SPACE WITH PEA GRAVEL FOLLOWED BY AN EPOXY RESIN ADHESIVE. THE EPOXY RESIN ADHESIVE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 235, CLASS A, B OR C.

USE FENCE FABRIC KNUCKLED AT BOTH SELVAGES.

FOR LEAF GATES GREATER THAN 8 FEET WIDE-INSTALL INTERIOR VERTICAL BRACE RAIL AT 8 FOOT INTERVALS.

FOR FABRIC HEIGHTS GREATER THAN 8 FEET, INSTALL INTERIOR HORIZONTAL BRACE RAILS TO LEAF GATE.

MAXIMUM SAG FOR OUTER GATE MEMBER SHALL NOT EXCEED THE GREATER OF 1/4 OF THE LEAF GATE WIDTH OR 2 INCHES.

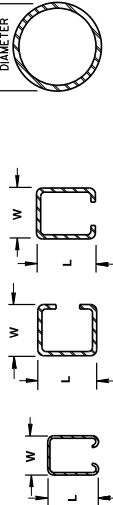
USE TYPE 2, CLASS 3, MARCELLED/CRIMPED, TENSION WIRE PER ASTM A 817.

LEGEND

1. STRAIGHT PLUG
2. BOTTOM HINGE
3. TOP HINGE
4. PLUNGER ROD
5. FULCRUM LATCH
6. FORK CATCH *
7. PLUNGER ROD CATCH
8. LOCK KEEPER GUIDE
9. LOCK KEEPER
10. DOME TOPS
11. TRUSS ROOFS
12. TENSION BAR
13. TENSION BANDS
14. BRACE RAIL

*NOT REQUIRED ON SINGLE SWING PEDESTRIAN GATE

CROSS SECTIONS OF POSTS AND RAILS



ROLLED-FORMED STEEL FENCE POST
(2.0 OZ./SQ. FT. COATING)

POST TYPE	LENGTH (L) INCH	WIDTH (W) INCH	WEIGHT LBS./FT
FS1	1.625	1.25	1.35
FS2†	1.875	1.625	1.850
FS2	1.875	1.625	2.400
FS3	2.250	1.700	2.780

ROUND STEEL FENCE POST
(1.8 OZ./SQ. FT. COATING)

POST TYPE	OUTSIDE DIMENSION INCH	WALL THICKNESS INCH	WEIGHT LBS./FT
SP1	1.660	0.140	2.270
SP2	1.900	0.145	2.720
SP3	2.375	0.154	3.650
SP4	2.875	0.203	5.800
SP5	4.000	0.226	9.120
SP6	6.625	0.280	18.990
SP7	8.625	0.322	28.580

REQUIRED POST SIZE FOR GATES

USE	LEAF WIDTHS FEET	POST TYPE
GATES	LESS THAN OR EQUAL TO 6 FT.	SP4
	LESS THAN OR EQUAL TO 13 FT.	SP5
	LESS THAN OR EQUAL TO 18 FT.	SP6
	LESS THAN OR EQUAL TO 23 FT.	SP7

REQUIRED FENCE POST SIZES

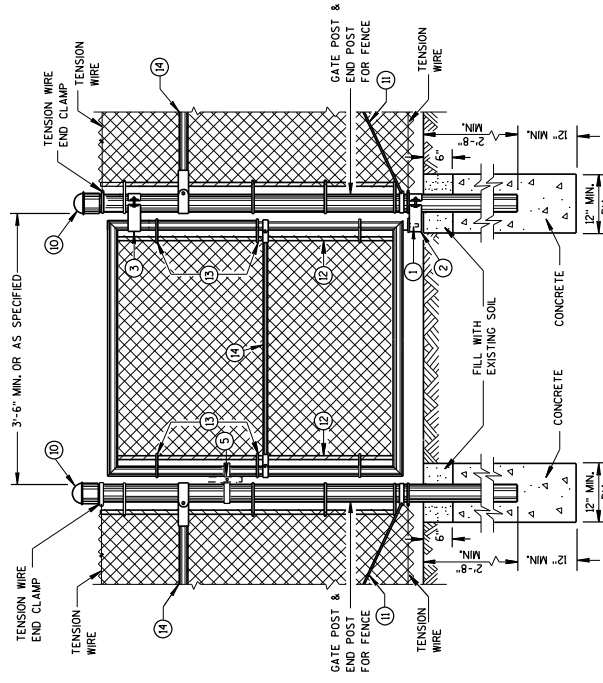
USE	FABRIC HEIGHTS FEET	POST TYPE
TERMINAL POSTS **	LESS THAN OR EQUAL TO 6 FT.	SP3
	GREATER THAN OR EQUAL TO 6 FT.	SP4
LINE POSTS	LESS THAN OR EQUAL TO 6 FT.	SP2
	LESS THAN OR EQUAL TO 6 FT.	SP3
	GREATER THAN OR EQUAL TO 6 FT.	SP4
	LESS THAN OR EQUAL TO 8 FT.	FS2 OR FS2†
	GREATER THAN OR EQUAL TO 8 FT.	FS3
	GREATER THAN OR EQUAL TO 8 FT.	FS3

BRACE RAIL TYPES

USE	TYPE
BRACE RAIL	SP1 OR FS1

** INCLUDES END, CORNER, ANGLE, INTERSECTION AND INTERMEDIATE BRACED POSTS

VEHICLE GATE DETAIL



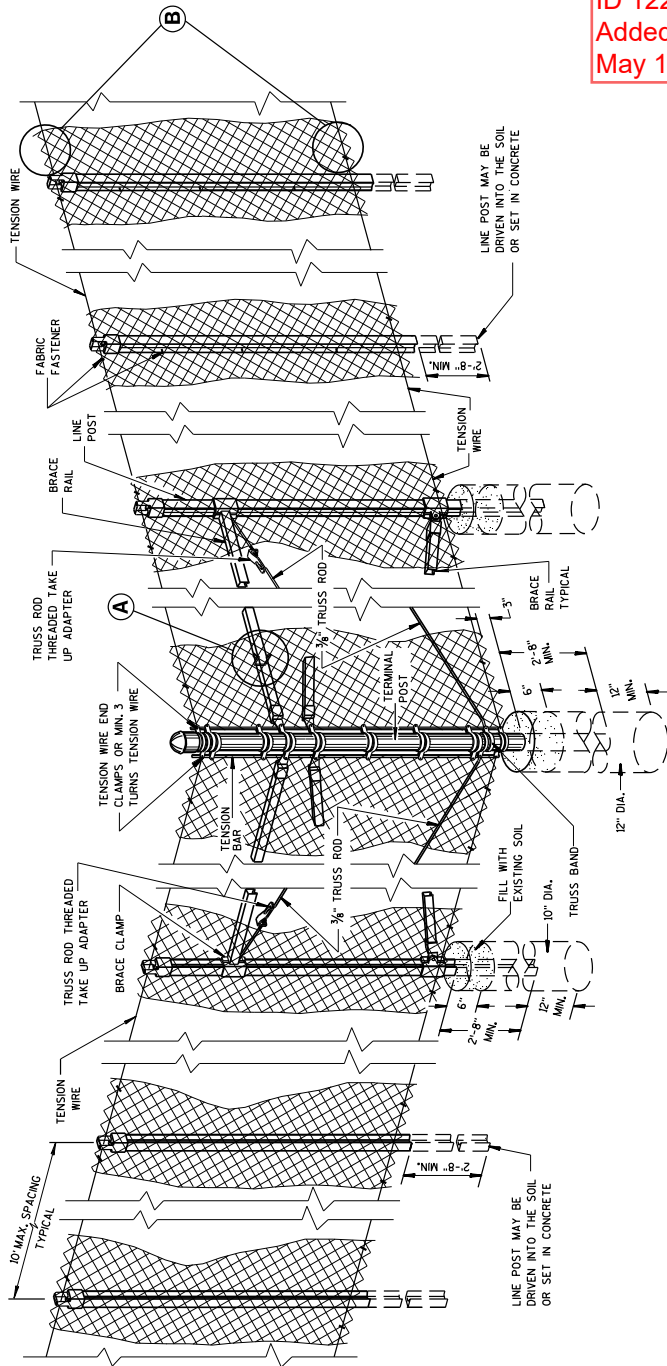
PEDESTRIAN GATE DETAIL

** INCLUDES END, CORNER, ANGLE, INTERSECTION AND INTERMEDIATE BRACED POSTS

Addendum No. 01
ID 1228-09-76
Added Sheet 258A
May 1, 2025

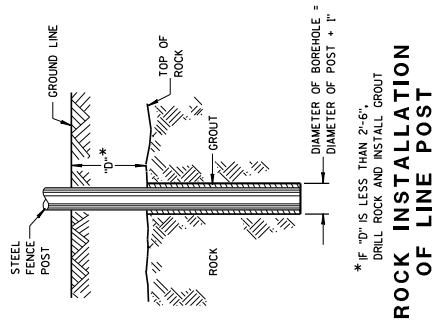
FENCE CHAIN LINK

STATE OF WISCONSIN 258A
DEPARTMENT OF TRANSPORTATION

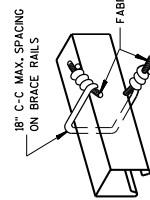


**END, CORNER, ANGLE
INTERSECTION & INTERMEDIATE
BRACED POSTS**

Addendum No. 01
ID 1228-09-76
Added Sheet 258B
May 1, 2025



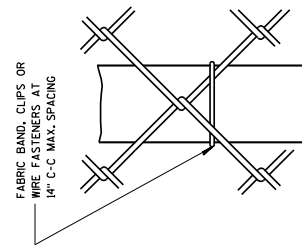
**ROCK INSTALLATION
OF LINE POST**



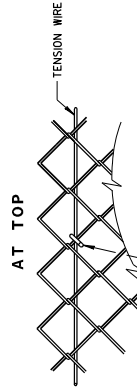
**BRACE RAIL
FABRIC FASTENER
(A)**



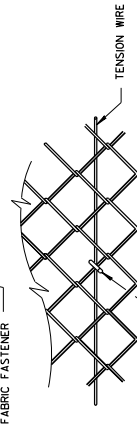
TENSION WIRE END CLAMP



**LINE POST
FABRIC FASTENER**



AT TOP



**AT BOTTOM
SELVAGES
(B)**

FENCE CHAIN LINK	STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	APPROVED FEB. 2015 DATE /S/ JEFFRY H. ZOGG ROADWAY STANDARDS DEVELOPMENT ENGINEER 258B P.H.W.A.
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Proposal Schedule of Items

Page 1 of 17

Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	203.0220 Removing Structure (structure) 01. B-40-265	1.000 EACH	_____.	_____.
0004	204.0100 Removing Concrete Pavement	2,947.000 SY	_____.	_____.
0006	204.0110 Removing Asphaltic Surface	24.000 SY	_____.	_____.
0008	204.0120 Removing Asphaltic Surface Milling	34,020.000 SY	_____.	_____.
0010	204.0150 Removing Curb & Gutter	235.000 LF	_____.	_____.
0012	204.0155 Removing Concrete Sidewalk	704.000 SY	_____.	_____.
0014	204.0165 Removing Guardrail	500.000 LF	_____.	_____.
0016	204.0195 Removing Concrete Bases	20.000 EACH	_____.	_____.
0018	204.9060.S Removing (item description) 01. Removing Traffic Signals Street Lighting, Holt at 4th	1.000 EACH	_____.	_____.
0020	204.9060.S Removing (item description) 02. Removing Traffic Signals Street Lighting, 6th at Mineral	1.000 EACH	_____.	_____.
0022	204.9060.S Removing (item description) 03. Removing Loop Detector Wire and Lead-In Cable	1.000 EACH	_____.	_____.
0024	205.0100 Excavation Common	1,476.000 CY	_____.	_____.
0026	213.0100 Finishing Roadway (project) 01. 1228-09-76	1.000 EACH	_____.	_____.
0028	305.0120 Base Aggregate Dense 1 1/4-Inch	2,185.000 TON	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0030	310.0110 Base Aggregate Open-Graded	12.000 TON	_____.	_____.
0032	312.0110 Select Crushed Material	943.000 TON	_____.	_____.
0034	320.0145 Concrete Base 8-Inch	220.000 SY	_____.	_____.
0036	390.0100 Removing Pavement for Base Patching	886.000 CY	_____.	_____.
0038	390.0405 Base Patching Concrete SHES	886.000 CY	_____.	_____.
0040	415.0090 Concrete Pavement 9-Inch	385.000 SY	_____.	_____.
0042	415.1410 Concrete Pavement Approach Slab HES	40.000 SY	_____.	_____.
0044	416.0610 Drilled Tie Bars	857.000 EACH	_____.	_____.
0046	416.0620 Drilled Dowel Bars	3,566.000 EACH	_____.	_____.
0048	416.1725 Concrete Pavement Replacement SHES	315.000 SY	_____.	_____.
0050	455.0605 Tack Coat	5,035.000 GAL	_____.	_____.
0052	460.2000 Incentive Density HMA Pavement	5,470.000 DOL	1.00000	5,470.00
0054	460.6623 HMA Pavement 3 MT 58-28 V	3,779.000 TON	_____.	_____.
0056	460.6624 HMA Pavement 4 MT 58-28 V	4,753.000 TON	_____.	_____.
0058	465.0120 Asphaltic Surface Driveways and Field Entrances	5.000 TON	_____.	_____.
0060	465.0125 Asphaltic Surface Temporary	44.000 TON	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	502.0100 Concrete Masonry Bridges	38.000 CY	_____.	_____.
0064	502.3200 Protective Surface Treatment	61.000 SY	_____.	_____.
0066	502.3205 Pigmented Surface Sealer Reseal	366.000 SY	_____.	_____.
0068	502.3210 Pigmented Surface Sealer	34.000 SY	_____.	_____.
0070	502.3215 Protective Surface Treatment Reseal	749.000 SY	_____.	_____.
0072	503.0136 Prestressed Girder Type I 36-Inch	69.000 LF	_____.	_____.
0074	505.0600 Bar Steel Reinforcement HS Coated Structures	7,407.000 LB	_____.	_____.
0076	505.0908 Bar Couplers No. 8	6.000 EACH	_____.	_____.
0078	506.2605 Bearing Pads Elastomeric Non-Laminated	2.000 EACH	_____.	_____.
0080	509.0301 Preparation Decks Type 1	1.000 SY	_____.	_____.
0082	509.0310.S Sawing Pavement Deck Preparation Areas	10.000 LF	_____.	_____.
0084	509.1200 Curb Repair	4.000 LF	_____.	_____.
0086	509.1500 Concrete Surface Repair	41.000 SF	_____.	_____.
0088	509.2100.S Concrete Masonry Deck Repair	1.000 CY	_____.	_____.
0090	509.5100.S Polymer Overlay	3,504.000 SY	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0092	509.9025.S Epoxy Injection Crack Repair	194.000 LF	_____.	_____.
0094	509.9026.S Cored Holes 2-Inch Diameter	1.000 EACH	_____.	_____.
0096	531.8990 Anchor Assemblies Poles on Structures	1.000 EACH	_____.	_____.
0098	601.0319 Concrete Curb & Gutter 19-Inch	15.000 LF	_____.	_____.
0100	601.0331 Concrete Curb & Gutter 31-Inch	1,269.000 LF	_____.	_____.
0102	601.0600 Concrete Curb Pedestrian	301.000 LF	_____.	_____.
0104	602.0410 Concrete Sidewalk 5-Inch	6,152.000 SF	_____.	_____.
0106	602.0505 Curb Ramp Detectable Warning Field Yellow	457.000 SF	_____.	_____.
0108	602.0605 Curb Ramp Detectable Warning Field Radial Yellow	147.000 SF	_____.	_____.
0110	602.0860 Concrete Driveway HES 6-Inch	29.000 SY	_____.	_____.
0112	603.8000 Concrete Barrier Temporary Precast Delivered	250.000 LF	_____.	_____.
0114	603.8125 Concrete Barrier Temporary Precast Installed	250.000 LF	_____.	_____.
0116	611.0410 Reconstructing Catch Basins	1.000 EACH	_____.	_____.
0118	611.0430 Reconstructing Inlets	2.000 EACH	_____.	_____.
0120	611.8110 Adjusting Manhole Covers	1.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0122	611.8115 Adjusting Inlet Covers	7.000 EACH	_____.	_____.
0124	612.0406 Pipe Underdrain Wrapped 6-Inch	100.000 LF	_____.	_____.
0126	614.0800 Crash Cushions Permanent	1.000 EACH	_____.	_____.
0128	614.2300 MGS Guardrail 3	450.000 LF	_____.	_____.
0130	614.2610 MGS Guardrail Terminal EAT	1.000 EACH	_____.	_____.
0132	614.2620 MGS Guardrail Terminal Type 2	1.000 EACH	_____.	_____.
0134	616.0206 Fence Chain Link 6-FT	1,090.000 LF	_____.	_____.
0136	616.0329 Gates Chain Link (width) 01. 22-FT	1.000 EACH	_____.	_____.
0138	616.0408 Fence Chain Link Salvaged 8-FT	88.000 LF	_____.	_____.
0140	618.0100 Maintenance and Repair of Haul Roads (project) 01. 1228-09-76	1.000 EACH	_____.	_____.
0142	619.1000 Mobilization	1.000 EACH	_____.	_____.
0144	620.0300 Concrete Median Sloped Nose	158.000 SF	_____.	_____.
0146	624.0100 Water	40.000 MGAL	_____.	_____.
0148	625.0100 Topsoil	570.000 SY	_____.	_____.
0150	627.0200 Mulching	150.000 SY	_____.	_____.
0152	628.1905 Mobilizations Erosion Control	4.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0154	628.1910 Mobilizations Emergency Erosion Control	2.000 EACH	_____.	_____.
0156	628.7020 Inlet Protection Type D	100.000 EACH	_____.	_____.
0158	628.7560 Tracking Pads	2.000 EACH	_____.	_____.
0160	629.0210 Fertilizer Type B	1.000 CWT	_____.	_____.
0162	630.0200 Seeding Temporary	4.000 LB	_____.	_____.
0164	631.0300 Sod Water	17.000 MGAL	_____.	_____.
0166	631.1000 Sod Lawn	570.000 SY	_____.	_____.
0168	634.0614 Posts Wood 4x6-Inch X 14-FT	16.000 EACH	_____.	_____.
0170	634.0616 Posts Wood 4x6-Inch X 16-FT	49.000 EACH	_____.	_____.
0172	634.0618 Posts Wood 4x6-Inch X 18-FT	21.000 EACH	_____.	_____.
0174	634.0620 Posts Wood 4x6-Inch X 20-FT	8.000 EACH	_____.	_____.
0176	637.2210 Signs Type II Reflective H	1,417.800 SF	_____.	_____.
0178	637.2215 Signs Type II Reflective H Folding	169.680 SF	_____.	_____.
0180	637.2230 Signs Type II Reflective F	409.500 SF	_____.	_____.
0182	638.2102 Moving Signs Type II	7.000 EACH	_____.	_____.
0184	638.2602 Removing Signs Type II	224.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0186	638.3000 Removing Small Sign Supports	116.000 EACH	_____.	_____.
0188	643.0300 Traffic Control Drums	31,273.000 DAY	_____.	_____.
0190	643.0420 Traffic Control Barricades Type III	2,642.000 DAY	_____.	_____.
0192	643.0705 Traffic Control Warning Lights Type A	5,284.000 DAY	_____.	_____.
0194	643.0715 Traffic Control Warning Lights Type C	5,335.000 DAY	_____.	_____.
0196	643.0800 Traffic Control Arrow Boards	453.000 DAY	_____.	_____.
0198	643.0900 Traffic Control Signs	18,708.000 DAY	_____.	_____.
0200	643.0910 Traffic Control Covering Signs Type I	8.000 EACH	_____.	_____.
0202	643.0920 Traffic Control Covering Signs Type II	10.000 EACH	_____.	_____.
0204	643.1000 Traffic Control Signs Fixed Message	343.000 SF	_____.	_____.
0206	643.1050 Traffic Control Signs PCMS	453.000 DAY	_____.	_____.
0208	643.1070 Traffic Control Cones 42-Inch	1,738.000 DAY	_____.	_____.
0210	643.3105 Temporary Marking Line Paint 4-Inch	1,942.000 LF	_____.	_____.
0212	643.3180 Temporary Marking Line Removable Tape 6-Inch	2,892.000 LF	_____.	_____.
0214	643.3205 Temporary Marking Line Paint 8-Inch	4,922.000 LF	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0216	643.3550 Temporary Marking Arrow Removable Tape	2.000 EACH	_____.	_____.
0218	643.3805 Temporary Marking Stop Line Paint 18-Inch	717.000 LF	_____.	_____.
0220	643.3960 Temporary Marking Removable Mask Out Tape 6-Inch	80.000 LF	_____.	_____.
0222	643.4100 Traffic Control Interim Lane Closure	8.000 EACH	_____.	_____.
0224	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0226	644.1601 Temporary Pedestrian Curb Ramp	88.000 DAY	_____.	_____.
0228	644.1605 Temporary Pedestrian Detectable Warning Field	70.000 SF	_____.	_____.
0230	644.1810 Temporary Pedestrian Barricade	1,573.000 LF	_____.	_____.
0232	644.1900.S Temporary Audible Message Devices	2,384.000 DAY	_____.	_____.
0234	645.0220 Geogrid Type SR	1,436.000 SY	_____.	_____.
0236	646.1020 Marking Line Epoxy 4-Inch	2,931.000 LF	_____.	_____.
0238	646.2025 Marking Line Grooved Black Epoxy 6-Inch	213.000 LF	_____.	_____.
0240	646.2040 Marking Line Grooved Wet Ref Epoxy 6-Inch	20,522.000 LF	_____.	_____.
0242	646.2050 Marking Line Grooved Permanent Tape 6-Inch	213.000 LF	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0244	646.3020 Marking Line Epoxy 8-Inch	1,356.000 LF	_____.	_____.
0246	646.4025 Marking Line Grooved Black Epoxy 10-Inch	172.000 LF	_____.	_____.
0248	646.4040 Marking Line Grooved Wet Ref Epoxy 10-Inch	6,853.000 LF	_____.	_____.
0250	646.4050 Marking Line Grooved Permanent Tape 10-Inch	126.000 LF	_____.	_____.
0252	646.5020 Marking Arrow Epoxy	40.000 EACH	_____.	_____.
0254	646.5120 Marking Word Epoxy	6.000 EACH	_____.	_____.
0256	646.5220 Marking Symbol Epoxy	4.000 EACH	_____.	_____.
0258	646.6120 Marking Stop Line Epoxy 18-Inch	676.000 LF	_____.	_____.
0260	646.7220 Marking Chevron Epoxy 24-Inch	731.000 LF	_____.	_____.
0262	646.8120 Marking Curb Epoxy	240.000 LF	_____.	_____.
0264	646.8220 Marking Island Nose Epoxy	5.000 EACH	_____.	_____.
0266	646.9200 Marking Removal Line Wide	1,552.000 LF	_____.	_____.
0268	652.0210 Conduit Rigid Nonmetallic Schedule 40 1-Inch	4.000 LF	_____.	_____.
0270	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	910.000 LF	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0272	652.0230 Conduit Rigid Nonmetallic Schedule 40 2 1/2-Inch	251.000 LF	_____.	_____.
0274	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	630.000 LF	_____.	_____.
0276	652.0605 Conduit Special 2-Inch	425.000 LF	_____.	_____.
0278	652.0615 Conduit Special 3-Inch	1,190.000 LF	_____.	_____.
0280	652.0800 Conduit Loop Detector	2,250.000 LF	_____.	_____.
0282	653.0135 Pull Boxes Steel 24x36-Inch	8.000 EACH	_____.	_____.
0284	653.0140 Pull Boxes Steel 24x42-Inch	23.000 EACH	_____.	_____.
0286	653.0222 Junction Boxes 18x12x6-Inch	1.000 EACH	_____.	_____.
0288	653.0905 Removing Pull Boxes	3.000 EACH	_____.	_____.
0290	654.0101 Concrete Bases Type 1	16.000 EACH	_____.	_____.
0292	654.0102 Concrete Bases Type 2	5.000 EACH	_____.	_____.
0294	654.0110 Concrete Bases Type 10	4.000 EACH	_____.	_____.
0296	654.0120 Concrete Bases Type 10-Special	3.000 EACH	_____.	_____.
0298	654.0217 Concrete Control Cabinet Bases Type 9 Special	2.000 EACH	_____.	_____.
0300	655.0210 Cable Traffic Signal 3-14 AWG	1,390.000 LF	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0302	655.0230 Cable Traffic Signal 5-14 AWG	1,100.000 LF	_____.	_____.
0304	655.0240 Cable Traffic Signal 7-14 AWG	2,425.000 LF	_____.	_____.
0306	655.0260 Cable Traffic Signal 12-14 AWG	2,405.000 LF	_____.	_____.
0308	655.0305 Cable Type UF 2-12 AWG Grounded	1,075.000 LF	_____.	_____.
0310	655.0515 Electrical Wire Traffic Signals 10 AWG	3,800.000 LF	_____.	_____.
0312	655.0610 Electrical Wire Lighting 12 AWG	1,450.000 LF	_____.	_____.
0314	655.0700 Loop Detector Lead In Cable	5,200.000 LF	_____.	_____.
0316	655.0800 Loop Detector Wire	7,667.000 LF	_____.	_____.
0318	655.0900 Traffic Signal EVP Detector Cable	1,390.000 LF	_____.	_____.
0320	656.0201 Electrical Service Meter Breaker Pedestal (location) 01. Electrical Service Meter Breaker Pedestal, Holt at 4th	1.000 EACH	_____.	_____.
0322	656.0201 Electrical Service Meter Breaker Pedestal (location) 02. Electrical Service Meter Breaker Pedestal, Mineral at 6th	1.000 EACH	_____.	_____.
0324	657.0100 Pedestal Bases	16.000 EACH	_____.	_____.
0326	657.0255 Transformer Bases Breakaway 11 1/2- Inch Bolt Circle	5.000 EACH	_____.	_____.
0328	657.0310 Poles Type 3	5.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0330	657.0405 Traffic Signal Standards Aluminum 3.5-FT	5.000 EACH	_____.	_____.
0332	657.0420 Traffic Signal Standards Aluminum 13-FT	7.000 EACH	_____.	_____.
0334	657.0425 Traffic Signal Standards Aluminum 15-FT	3.000 EACH	_____.	_____.
0336	657.0430 Traffic Signal Standards Aluminum 10-FT	2.000 EACH	_____.	_____.
0338	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	6.000 EACH	_____.	_____.
0340	658.0173 Traffic Signal Face 3S 12-Inch	25.000 EACH	_____.	_____.
0342	658.0174 Traffic Signal Face 4S 12-Inch	8.000 EACH	_____.	_____.
0344	658.0416 Pedestrian Signal Face 16-Inch	14.000 EACH	_____.	_____.
0346	658.5070 Signal Mounting Hardware (location) 01. Holt at 4th	1.000 EACH	_____.	_____.
0348	658.5070 Signal Mounting Hardware (location) 02. 6th at Mineral	1.000 EACH	_____.	_____.
0350	659.1125 Luminaires Utility LED C	10.000 EACH	_____.	_____.
0352	661.0201 Temporary Traffic Signals for Intersections (location) 01. Holt at 4th	1.000 EACH	_____.	_____.
0354	661.0201 Temporary Traffic Signals for Intersections (location) 02. 6th at Mineral	1.000 EACH	_____.	_____.
0356	670.0101 Field System Integrator	1.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0358	690.0150 Sawing Asphalt	1,875.000 LF	_____.	_____.
0360	690.0250 Sawing Concrete	10,509.000 LF	_____.	_____.
0362	715.0502 Incentive Strength Concrete Structures	500.000 DOL	1.00000	500.00
0364	715.0720 Incentive Compressive Strength Concrete Pavement	500.000 DOL	1.00000	500.00
0366	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	1,200.000 HRS	5.00000	6,000.00
0368	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	4,800.000 HRS	5.00000	24,000.00
0370	SPV.0060 Special 01. Cleaning and Sealing Concrete Girder Ends	11.000 EACH	_____.	_____.
0372	SPV.0060 Special 02. Embedded Galvanic Anodes	14.000 EACH	_____.	_____.
0374	SPV.0060 Special 03. Adjusting Water Boxes	13.000 EACH	_____.	_____.
0376	SPV.0060 Special 05. Blinders for Type II Signs	1.000 EACH	_____.	_____.
0378	SPV.0060 Special 06. Install Wireless Traffic Sensor	26.000 EACH	_____.	_____.
0380	SPV.0060 Special 07. Remove Pole and Wire	18.000 EACH	_____.	_____.
0382	SPV.0060 Special 08. Remove Traffic Signal Face	35.000 EACH	_____.	_____.
0384	SPV.0060 Special 09. Voice Instruction Audible Pushbutton	1.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0386	SPV.0060 Special 10. Temporary Infrared EVP System, Holt at 4th	1.000 EACH	_____.	_____.
0388	SPV.0060 Special 11. Temporary Infrared EVP System, 6th at Mineral	1.000 EACH	_____.	_____.
0390	SPV.0060 Special 12. Install Type 9 Pole	1.000 EACH	_____.	_____.
0392	SPV.0060 Special 13. Install Type 10 Pole	3.000 EACH	_____.	_____.
0394	SPV.0060 Special 14. Install Type 9 Special Pole	2.000 EACH	_____.	_____.
0396	SPV.0060 Special 15. Install Type 10 Special Pole	1.000 EACH	_____.	_____.
0398	SPV.0060 Special 16. Install Monotube Arms 30-FT	4.000 EACH	_____.	_____.
0400	SPV.0060 Special 17. Install Monotube Arms 40-FT Special	1.000 EACH	_____.	_____.
0402	SPV.0060 Special 18. Install Monotube Arms 45-FT Special	2.000 EACH	_____.	_____.
0404	SPV.0060 Special 19. Install Luminaire Arms Steel 15-FT	4.000 EACH	_____.	_____.
0406	SPV.0060 Special 20. Traffic Control Close-Open Freeway Entrance Ramp	47.000 EACH	_____.	_____.
0408	SPV.0060 Special 21. Traffic Control Full Freeway Closure	8.000 EACH	_____.	_____.
0410	SPV.0060 Special 22. Traffic Control Local Road Lane Closures	99.000 EACH	_____.	_____.
0412	SPV.0060 Special 23. Field Facilities Office Space	1.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0414	SPV.0060 Special 24. Traffic Flashing Beacon System, IH 43 exit ramp at Mineral St (rt side ahead)	1.000 EACH	_____.	_____.
0416	SPV.0060 Special 25. Traffic Flashing Beacon System, IH 43 exit ramp at Mineral St (rt turn bypass)	1.000 EACH	_____.	_____.
0418	SPV.0060 Special 26. Traffic Flashing Beacon System, IH 43 exit ramp at Mineral St (median)	1.000 EACH	_____.	_____.
0420	SPV.0060 Special 27. Traffic Flashing Beacon System, IH 43 exit ramp at Walker St (right side ahe	1.000 EACH	_____.	_____.
0422	SPV.0060 Special 28. Traffic Flashing Beacon System, IH 43 exit ramp at Walker St (rt turn bypass)	1.000 EACH	_____.	_____.
0424	SPV.0060 Special 29. Traffic Flashing Beacon System, IH 43 exit ramp at Walker St (median)	1.000 EACH	_____.	_____.
0426	SPV.0060 Special 30. Adjusting Sanitary Manhole	1.000 EACH	_____.	_____.
0428	SPV.0060 Special 31. Temporary Marking Removable Mask Out Tape, Words and Arrows	3.000 EACH	_____.	_____.
0430	SPV.0060 Special 32. Transport and Install State Furnished EVP Detector Heads, Holt at 4th	3.000 EACH	_____.	_____.
0432	SPV.0060 Special 33. Transport and Install State Furnished EVP Detector Heads, 6th at Mineral	4.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0434	SPV.0060 Special 34. Transport and Install State Furnished Traffic Signal Cabinet, Holt at 4th	1.000 EACH	_____.	_____.
0436	SPV.0060 Special 35. Transport and Install State Furnished Traffic Signal Cabinet, 6th at Mineral	1.000 EACH	_____.	_____.
0438	SPV.0060 Special 36. Transport and Install State Furnished Radar Detection System, 6th at Mineral	1.000 EACH	_____.	_____.
0440	SPV.0060 Special 37. Transport Traffic Signal and Intersection Lighting Materials, Holt at 4th	1.000 EACH	_____.	_____.
0442	SPV.0060 Special 38. Transport Traffic Signal and Intersection Lighting Materials, 6th at Mineral	1.000 EACH	_____.	_____.
0444	SPV.0060 Special 39. Transport and Install State Furnished APS Buttons, Holt at 4th	1.000 EACH	_____.	_____.
0446	SPV.0060 Special 40. Transport and Install State Furnished APS Buttons, 6th at Mineral	1.000 EACH	_____.	_____.
0448	SPV.0060 Special 41. Survey Project 1228-09-76	1.000 EACH	_____.	_____.
0450	SPV.0075 Special 01. Pavement Cleanup Project 1228-09-76	20.000 HRS	_____.	_____.
0452	SPV.0090 Special 01. Marking Crosswalk Epoxy 12-Inch	3,371.000 LF	_____.	_____.
0454	SPV.0090 Special 02. Temporary Fence Chain Link 6-FT	280.000 LF	_____.	_____.
0456	SPV.0090 Special 03. Concrete Barrier Temporary Precast Left In Place	100.000 LF	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20250513009 Project(s): 1228-09-76, 1228-09-78

Federal ID(s): WISC 2025466, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0458	SPV.0165 Special 01. Removing Loose Concrete	73.000 SF	_____.	_____.
0460	204.0109.S Removing Concrete Surface Partial Depth	206,253.000 SF	_____.	_____.
0462	204.0170 Removing Fence	300.000 LF	_____.	_____.
0464	638.4000 Moving Small Sign Supports	3.000 EACH	_____.	_____.
0466	646.7120 Marking Diagonal Epoxy 12-Inch	78.000 LF	_____.	_____.
0468	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	48.000 LF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.