

# HIGHWAY WORK PROPOSAL

Wisconsin Department of Transportation  
06/2017 s.66.0901(7) Wis. Stats

Proposal Number: **011**

| <u>COUNTY</u> | <u>STATE PROJECT</u> | <u>FEDERAL</u> | <u>PROJECT DESCRIPTION</u>              | <u>HIGHWAY</u> |
|---------------|----------------------|----------------|-----------------------------------------|----------------|
| Brown         | 9200-10-72           | WISC 2019634   | Shawano - Green Bay; CTH VV Interchange | STH 029        |
| Brown         | 9200-10-71           | WISC 2019634   | Shawano - Green Bay; CTH VV Interchange | STH 029        |

## 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: \$540,000.00<br>Payable to: Wisconsin Department of Transportation | Attach Proposal Guaranty on back of this PAGE. |
| Bid Submittal<br>Date: September 15, 2020<br>Time (Local Time): 9:00 am                        | Firm Name, Address, City, State, Zip Code      |
| Contract Completion Time<br>October 15, 2022                                                   | <b>SAMPLE<br/>NOT FOR BIDDING PURPOSES</b>     |
| Assigned Disadvantaged Business Enterprise Goal 8%                                             | This contract is subject to 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:<br>Grading, Base, Concrete Pavement, Asphalt Pavement, Bridge Construction, Culvert Pipe, Storm Sewer, Curb and Gutter, Sidewalk, Concrete Truck Apron, Plantings, Signs, Pavement Markings, Street Lighting, Fiber Optic Cable | For Department Use Only |
| Notice of Award Dated                                                                                                                                                                                                                         | Date Guaranty Returned  |

**PLEASE ATTACH  
PROPOSAL GUARANTY HERE**

## **Effective with November 2007 Letting**

### **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.

## **Effective with August 2015 Letting**

### **BID PREPARATION**

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

##### **A General**

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

- (3) The department will provide bidding information through the department's web site at:  
<https://wisconsindot.gov/Pages/doing-bus/contractors/hcci/bid-let.aspx>

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

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

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

- (5) The department will address equipment and process failures, if the bidder can demonstrate that those failures were beyond their control.
- (6) Contractors are responsible for checking on the issuance of addenda and for obtaining the addenda. Notice of issuance of addenda is posted on the department's web site at:  
<https://wisconsindot.gov/Pages/doing-bus/contractors/hcci/bid-let.aspx>

or by calling the department at (608) 266-1631. Addenda can ONLY be obtained from the department's web site listed above or by picking up the addenda at the Bureau of Highway Construction, 4<sup>th</sup> 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:
  1. Have a properly executed annual bid bond on file with the department.

2. 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 envelop 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 Expedite™ generated schedule of items is not the same on each page.
  2. The check code printed on the printout of the Expedite™ generated schedule of items is not the same as the check code for that proposal provided on the diskette or CD ROM.

3. The diskette or CD ROM is not submitted at the time and place the department designates.

### **C 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)



## March 2010

## 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]

**DECEMBER 2000**

**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 9200-10-71 and Project 9200-10-72, Shawano – Green Bay, CTH VV Interchange, Brown County, STH 29, 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, 2020 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 (20191121)

**2. Scope of Work.**

The work under this contract shall consist of concrete pavement/sidewalk removals, excavation common, borrow, select borrow, base aggregate dense, select crushed material, HMA pavement, concrete pavement, concrete structures, storm sewer, concrete curb and gutter, concrete sidewalks, pavement markings, landscaping, 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 ten 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.

The contract time for completion is based on an expedited work schedule and may require extraordinary forces and equipment.

Prior to beginning operations under this contract, submit in writing the proposed schedule of operations to the engineer for approval.

Twenty-four hours prior to weekly construction meetings, submit a detailed proposed two-week look-ahead traffic closure schedule to the engineer. Enter information into a spreadsheet (or other approved format) 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 two-month look-ahead closure information.

Anticipate cold weather and fall ancillary concrete work. Plan to heat aggregates and water for mixes, and that the heating of the aggregate and water is considered incidental to those concrete items.

The contractor is advised that there may be multiple mobilizations for such items as traffic control, signing items, pavement markings and other incidental items related to the staging. The department will make no additional payment for said mobilizations.

**Schedule of Operations and Construction Staging**

Comply with all local ordinances that apply to construction operations. Furnish any ordinate variance issued by the municipalities or any other required permits to the engineer, in writing before performing such work.

Do not begin or continue any work that closes the freeway. Work may be performed, provided such work operations do not include ingress and egress of vehicles and equipment which would obstruct the flow of traffic on the freeway, during peak traffic periods. Do not ingress to or egress from STH 29/32 unless approved by the department. Submit proposed ingress/egress procedure to the engineer at least two weeks prior to use.

Northeast Region Traffic Section (primary contact: (920) 366-8033 must approve the procedure prior to use. Payment for coordinating and construction ingress/egress points is considered incidental to the contract.

Hauling across STH 29 will require single lane inside closure on STH 29, due to overhang concerns of scrapers and dump trucks within the median. With the assistance of flaggers on each side of the haul road and lighted intersections, the hauling can take place between the hours of 8pm-5am. Flaggers should only be directing the hauling aspect and NOT mainline STH 29 traffic.

Do not open a roundabout within the project to through traffic until the roundabout is completed including lighting, signing, pavement marking and all finishing items.

### **Temporary Work Zone Clear Zone Working Restrictions**

The temporary work zone clear zone for this project is 18-feet from the edge of traveled way. If auxiliary lanes are present, clear zone is from the outside edge of the auxiliary lane.

Do not perform work in the median at any time unless protected by concrete barrier temporary precast in both directions except as allowed during lane closure periods.

Do not perform work within the clear zone unless protected by concrete barrier temporary precast or a lane closure during the allowed closure periods.

Park equipment and store materials, including stockpiles, a minimum of 30-feet from the edge of the traveled way. Equipment may be parked, and material stored in the median if it meets the minimum distance requirement from both traveled ways or if it is protected by concrete barrier temporary precast.

If unsure whether an individual work operation will meet the safety requirements for working within the clear zone, review the proposed work operation with the engineer before proceeding with the work.

Replace standard specification 305.3.3.3(2) with the following:

If the roadway remains open to through traffic during construction and a 2-inch or more drop-off occurs within the clear zone, eliminate the drop-off prior to completing that day's work. Unless the special provisions specify otherwise, provide aggregate shoulder material compacted to a temporary 3:1 or flatter cross slope from the surface of the pavement edge.

### **Freight width restriction**

STH 29/32 is a designated WisDOT Freight Network Route. Maintain a width restriction no less than 16 feet at all times in each direction. Movement of OSOW freight is scheduled to occur during this construction project that will require a minimum of 16 feet of horizontal clearance.

Enter in the correct minimum width restriction in Wisconsin Lane Closure System.

ner-900-030 (20171213)

### **Project Timings and Staging**

Project cannot start until April 1, 2021.

Stage 2A and Stage 2B can be run concurrently.

Stage 2C cannot be started until Stage 2A and Stage 2B are completed.

Stage 3 cannot start until Stage 2B is completed

Stage 4A or 4B can not start until April 1, 2022.

Stage 4A and Stage 4B can be run concurrently.

Stage 5A cannot be started until stage 4B is completed.

Stage 5B cannot be started before Stage 5A

Stage 6A cannot be started until stage 5A and stage 5B are completed.

Stage 6B cannot be started until Ramp C is open.

Stage 6C cannot be started until adjacent project 9269-00-14, Marley Street (Millwood Court – Glendale Avenue) is complete which is anticipated being October 1, 2022.

Stage 7B cannot start until September 7, 2021.

### **Northern Long-eared Bat (*Myotis septentrionalis*)**

Northern Long-eared Bats (NLEB) have the potential to inhabit the project limits because they roost in trees. 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 Regional Environmental Coordinator (REC).

According to the final 4(d) rule issued for the NLEB, the department has determined that the proposed activity may affect, but will not result in prohibited take of the NLEB. The activity involves tree removal but will not occur within 0.25 miles of a known hibernacula, nor will the activity remove a known maternity roost tree or any other tree within 150 feet of a known maternity roost tree.

If additional trees need to be removed, no Clearing shall occur without prior approval from the engineer, following coordination with the REC. Additional tree removal beyond the area originally specified will require consultation with the United States Fish and Wildlife Service (USFWS) and may require a bat presence/absence survey. Notify the engineer if additional Clearing cannot be avoided to begin coordination with the REC. The REC will initiate consultation with the USFWS and determine if a survey is necessary.

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

### **Interim Liquidated Damages**

At the beginning of Stage 2A operations, start daily lane closures under flagging conditions to Milltown Road/Connection Road for 21 consecutive calendar days. At completion of 21 consecutive days the following work must be completed on Connection Road from Station 705+25 'CT' to Station 709+55 'CT': Excavation common, base aggregate dense, and HMA pavement.

If the contractor fails to complete the work necessary to reopen Connection Road to traffic without lane closures within 21 consecutive calendar days, the department will assess the contractor \$2,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 21 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

At the beginning of Stage 2B operations, close Marley Street to through traffic for a maximum of 90 consecutive calendar days. Do not reopen until completing the following work: Excavation common, borrow, storm sewer, base aggregate dense, HMA pavement, salvaged topsoil, lighting, landscaping, erosion control, signing, pavement marking, and incidentals.

If the contractor fails to complete the work necessary to reopen Marley Street and open Evergreen Avenue to Connection Road to traffic within 90 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 90 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

At the beginning of Stage 2C operations, close Milltown Road to through traffic for a maximum of 14 consecutive calendar days. Do not reopen until completing the following work: Excavation common, borrow, storm sewer, base aggregate dense, HMA pavement, salvaged topsoil, landscaping, erosion control, signing, pavement marking, and incidentals.

If the contractor fails to complete the work necessary to reopen Milltown Road and its connection to Evergreen Avenue to traffic within 14 consecutive calendar days, the department will assess the contractor \$2,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 14 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

Complete construction operations on Stage 2C and Stage 3A prior to 12:01 AM November 16, 2021.

If the contractor fails to complete the work necessary to complete Stage 2C and Stage 3A prior to 12:01 AM November 16, 2021, the department will assess the contractor \$2,000 in interim liquidated damages for each calendar day that the work remains not completed after 12:01 AM, November 16, 2021. An entire calendar day will be charged for any period of time within a calendar day that the work remains not completed beyond 12:01 AM.

Complete construction operations on Stage 4A to the stage necessary to open STH 29/32 shoulders to traffic prior to 12:01 AM May 20, 2022. Do not reopen until completing the following work: Excavation common, steel thrie beam bullnose terminal, steel thrie beam, salvaged topsoil, landscaping, erosion control, and incidentals.

If the contractor fails to complete the work necessary to reopen shoulders in Stage 4A to through traffic prior to 12:01 AM May 20, 2022, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day that the roadway remains closed after 12:01 AM, May 20, 2022. 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.

At the beginning of Stage 4B operations, close CTH VV/Triangle Drive from CTH U to 700 feet west of North Overland Road to through traffic for a maximum of 90 consecutive calendar days. Do not reopen until completing the following work: Excavation common, borrow, storm sewer, base aggregate dense, HMA pavement, salvaged topsoil, lighting, landscaping, erosion control, signing, pavement marking, and incidentals.

If the contractor fails to complete the work necessary to reopen Triangle Drive from CTH U to CTH TS roundabout, CTH TS roundabout west and south legs, and CTH TS to North Overland Road to traffic within 90 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 90 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

At the beginning of Stage 5B operations, close Triangle Drive/STH 29/32 Intersection to through traffic for a maximum of 14 consecutive calendar days to construct Ramp B.

If the contractor fails to complete the work necessary to open Ramp B to traffic within 14 consecutive calendar days, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 14 consecutive calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

Complete construction operations on Stage 5A and Stage 5B to the stage necessary to open CTH VV, Marley Street, Ramp A, B, and D to through traffic prior to 12:01 AM August 13, 2022. Do not open until completing the following work: Excavation common, borrow, storm sewer, base aggregate dense, HMA pavement, salvaged topsoil, lighting, landscaping, erosion control, signing, pavement marking, and incidentals.

If the contractor fails to complete the work necessary to open CTH VV, Marley Street, Ramp A, B, and D to through traffic prior to 12:01 AM August 13, 2022, the department will assess the contractor \$5,000 in interim liquidated damages for each calendar day that the roadway remains closed after 12:01 AM, August 13, 2022. 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.

At the beginning of Stage 6A operations, close temporary roadway connecting STH 29/32 to Connection Road to through traffic for a maximum of 14 consecutive calendar days to construct Ramp C.

If the contractor fails to complete the work necessary to open Ramp C to traffic within 14 calendar days, the department will assess the contractor \$2,000 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 14 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.

Complete construction operations on Stage 7A and 7B by 12:01 AM November 16, 2021.

If the contractor fails to complete the work necessary to complete Stage 7A and 7B prior to 12:01 AM November 16, 2021, the department will assess the contractor \$2,000 in interim liquidated damages for each calendar day that the stages remains uncompleted after 12:01 AM, November 16, 2021. An entire calendar day will be charged for any period of time within a calendar day that the stages remains uncomplete 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.

#### **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:

- \$1500 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-108-065 (20161130)

#### **5. Construction Staging.**

A general description of the construction staging plan as follows:

##### **Stage 1**

Begin construction of the following:

- Soil mitigation, excavation common, borrow, and salvaged topsoil for overpass structure and associated ramps to limits shown in staging plans.
- Evergreen Avenue
- Connection Road Station 700+00 'CT' to Station 702+00 'CT'
- Evergreen Avenue Detention Pond
- Evergreen Avenue Detention Pond Plantings

Storm sewer, base aggregate, and pavement is not allowed for CTH VV, Marley Street south of Evergreen roundabout, or ramps.

Complete the following construction:

- Evergreen Avenue Detention Pond
- Evergreen Avenue Detention Pond Plantings

## **Stage 2A**

Begin construction of the following:

- Connection Road from Station 702+00'CT' to Station 709+50'CT'
- CTH TS
- CTH VV Detention Pond
- CTH TS Detention Pond
- Temporary Connection Road

Continue construction of the following:

- Soil mitigation, excavation common, borrow, and salvaged topsoil for overpass structure and associated ramps to limits shown in staging plans.
- Evergreen Avenue
- Connection Road Station 700+00 'CT' to Station 702+00 'CT'

Complete the following construction:

- Connection Road from Station 702+00'CT' to 709+50'CT'
- Temporary Connection Road

Storm sewer, base aggregate, and pavement is not allowed for CTH VV, Marley Street south of Evergreen roundabout, or ramps.

## **Stage 2B**

Begin construction of the following:

- Marley Street/Evergreen Avenue roundabout
- Marley Street from Evergreen Avenue roundabout north

Continue construction of the following:

- Soil mitigation, excavation common, borrow, and salvaged topsoil for overpass structure and associated ramps to limits shown in staging plans.
- CTH TS
- Evergreen Avenue
- Connection Road Station 700+00 'CT' to Station 705+00 'CT'
- CTH VV Detention Pond
- CTH TS Detention Pond

Complete the following construction:

- Evergreen Avenue from Marley Street/Evergreen Avenue roundabout through Connection Road.
- Marley Street/Evergreen Avenue roundabout
- Marley Street from Marley Street/Evergreen Avenue roundabout north
- CTH VV Detention Pond
- CTH TS Detention Pond

Storm sewer, base aggregate, and pavement is not allowed for CTH VV, Marley Street south of Evergreen roundabout, or ramps.

## **Stage 2C**

Continue construction of the following:

- Soil mitigation, excavation common, borrow, and salvaged topsoil for overpass structure and associated ramps to limits shown in staging plans.
- Evergreen Avenue from Connection Road to Milltown Road
- CTH TS

Complete the following construction:

- Evergreen Avenue from Connection Road to Milltown Road

Storm sewer, base aggregate, and pavement is not allowed for CTH VV, Marley Street south of Evergreen roundabout, or ramps.

## **Stage 3A**

Begin construction of the following:

- Soil mitigation, excavation common, borrow, and salvaged topsoil for overpass structure where west RCUT is located.
- Structure B-05-416

Continue construction of the following:

- Soil mitigation, excavation common, borrow, and salvaged topsoil for overpass structure and associated ramps to limits shown in staging plans.

Complete construction of the following:

- Soil mitigation, excavation common, borrow, and salvaged topsoil for overpass structure and associated ramps to limits shown in staging plans.

## **Stage 3B**

- Winter shut down

## **Stage 4A**

Begin construction of the following:

- Remaining work on fill areas constructed in 2021 for overpass structure and associated ramps including storm sewer, base aggregate, and pavement.
- Median around structure pier and structure slope paving/shoulder work.

Continue construction of the following:

- Structure B-05-416

Complete construction of the following:

- Median around structure pier and structure slope paving/shoulder work.

## **Stage 4B**

Begin construction of the following:

- CTH VV/Triangle Drive from west project limits to CTH VV/CTH TS roundabout
- CTH VV (Triangle Drive)/CTH TS roundabout
- Removal of existing North Overland Road north of Triangle Drive



Continue construction of the following:

- Remaining work on fill areas constructed in 2021 for overpass structure and associated ramps including storm sewer, base aggregate, and pavement.
- Structure B-05-416

Complete construction of the following:

- CTH VV/Triangle Drive from west project limits to CTH VV/CTH TS roundabout
- CTH VV(Triangle Drive)/CTH TS roundabout
- CTH TS
- Removal of existing North Overland Road north of Triangle Drive

#### **Stage 5A**

Begin construction of the following:

- Ramp A and D match into STH 29/32

Continue construction of the following:

- Remaining work on CTH VV and Marley including storm sewer, base aggregate, and pavement
- Structure B-05-416

#### **Stage 5B**

Begin construction of the following:

- Ramp B match into STH 29/32
- Removal of existing CTH VV/Triangle Drive

Continue construction of the following:

- Remaining work on CTH VV and Marley including storm sewer, base aggregate, and pavement
- Structure B-05-416

Complete construction of the following:

- Remaining work on CTH VV and Marley including storm sewer, base aggregate, and pavement
- Structure B-05-416
- Ramp A, B, and D.
- Removal of existing CTH VV/Triangle Drive

#### **Stage 6A**

Begin construction of the following:

- Old 29 Road
- Ramp C
- Removal of temporary roadway connecting STH 29/32 to Connection Road.

Complete construction of the following:

- Ramp C
- Removal of temporary roadway connecting STH 29/32 to Connection Road.

## **Stage 6B**

Begin construction of the following:

- Removal of intersection restrictions at CTH VV
- Removal of east RCUT
- Removal of existing CTH U intersection restrictions
- Removal of existing CTH U south of STH 29/32
- Removal of existing Old 29 Road

Continue construction of the following:

- Old 29 Road
- Removal of existing Old 29 Road

## **Stage 6C**

Begin construction of the following:

- Removal and obliteration of existing CTH U north of STH 29/32 to Glendale Avenue

Continue construction of the following:

- Removal of intersection restrictions at CTH VV
- Removal of east RCUT
- Removal of existing CTH U intersection restrictions
- Removal of existing CTH U south of STH 29/32
- Removal of existing Old 29 Road

Complete construction of the following:

- Old 29 Road
- Removal of existing Old 29 Road
- Removal of existing CTH U intersection restrictions
- Removal of existing CTH U south of STH 29/32
- Removal and obliteration of existing CTH U north of STH 29/32 to Glendale Avenue
- Removal of intersection restrictions at CTH VV
- Removal of east RCUT

## **Stage 7A**

Begin construction of the following:

- Broadband fiber optic cable Station 0+00 – Station 331+18 and Station 367+00 – Station 437+00

## **Stage 7B**

Begin construction of the following:

- Broadband fiber optic cable Station 331+18 – Station 437+00

Continue construction of the following:

- Broadband fiber optic cable Station 0+00 – Station 331+18 and Station 367+00 – Station 437+00

Complete construction of the following:

- Broadband fiber optic cable Station 0+00 – Station 331+18 and Station 367+00 – Station 437+00
- Broadband fiber optic cable Station 331+18 – Station 437+00

## **6. Traffic**

### **Project 9200-10-71**

Complete the construction sequence and the associated traffic control and detours as detailed on the plans and as follows:

#### **Expressway / Freeway Traffic Control Meeting**

The contractor shall conduct a traffic control meeting before:

- Initial traffic control set up.
- Intermediate traffic switches.
- Reopening of the highway to traffic.

Notify the Northeast Region Traffic Work Zone Engineer at 920-366-8033 (secondary contact number is 920-360-3107) 7-business days before setting up the meeting.

ner-643-015 (20180529)

#### **Detours**

Detour traffic for STH 29/32 West RCUT and CTH VV closures as shown on the plans. Install required traffic control and detour signs as shown on the plans.

#### **STH 29 Mainline**

Lane closures on STH 29 within the project limits are permitted in non-peak hours as noted below. STH 29/32 is to remain open to through traffic at all times during peak hours.

#### **Peak Hours**

- Westbound STH 29/32
  - o 2:00 PM – 6:00 PM Monday – Wednesday
  - o 1:00 PM – 6:00 PM Thursday
  - o 10:00 AM – 7:00 PM Friday
  - o 10:00 AM – 2:00 PM Saturday
- Eastbound STH 29/32
  - o 6:00 AM – 9:00 AM Monday – Thursday
  - o 3:00 PM – 5:00 PM Monday – Wednesday
  - o 3:00 PM – 6:00 PM Thursday
  - o 6:00 AM – 6:00 PM Friday
  - o 11:00 AM – 5:00 PM Sunday

#### **Off-Peak Hours**

All other times not listed above.

#### **Rolling Closures**

For setting the girders of Structure B-5-416, STH 29/32 may be closed for periods not to exceed 20 minutes, between the hours of 8:00 PM to the following morning at 5:00 AM for eastbound traffic. Between the hours of 9:00 PM to the following morning at 6:00 AM for westbound. Allow all vehicle backups to clear the project area prior to setting up the next road closure during the above timeframe.

Coordinate with the engineer at least two weeks prior to a planned closure and confirm the closure with the engineer 72 hours prior to the closure.

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

A reduction of the posted regulatory speed limit from 70 or 65 mph to 55 mph is required when any of the following conditions are created within the project limits:

1. Bi-directional traffic separated by tubular markers.
2. Lane(s) closed and workers are present within 12 feet of the open lane.
3. Lane(s) closed during non-working hours. All other Work Zone configurations and conditions shall reduce the permanent posted speed limit to 60 mph.

No portion of sign text shall be visible when not in use, regardless if it is temporary or permanent regulatory speed limit sign.

During approved temporary regulatory speed limit reductions, install regulatory speed limit signs on the inside and outside shoulders of the roadway at the beginning of the reduced regulatory speed zone, after all locations where traffic may enter the highway segment or every 1/2 mile within the reduced regulatory speed zone. Signs shall be installed at the end of the temporary regulatory speed zone to designate the end of the temporary regulatory speed zone and inform drivers the posted regulatory speed limit reverts back to the original posted speed limit. To minimize possible confusion to the traveling public and to ensure appropriate speed enforcement, enhanced attention to placement and changing of speed limit signs is required.

Coordinate with department construction field staff to notify the Northeast Region Traffic Section with field location(s) of the temporary regulatory speed zone. Primary contact phone number: (920) 366-4747 (secondary contact number is (920) 366-8033). Contact the Northeast Region Traffic Section at least 14 calendar days before installation of the temporary regulatory speed zone. After notification, Northeast Region Traffic will finalize a "Temporary Speed Zone Declaration" to meet statutory requirements, allowing enforcement of this temporary regulatory speed limit.

When construction activities impede the location of a post mounted regulatory speed limit sign, mount the regulatory speed limit sign on portable supports that meet the "crashworthy" definition and height criteria in the Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD).

ner-643-055 (20181114)

### **Staged Traffic Control**

A general description of the construction staging traffic as follows:

#### **Stage 1**

- All roadways are to remain open.
- Shoulder closures are allowed along CTH VV and Marley.
- Lane closures are not allowed along STH 29.
- West RCUT must remain open. Fill material for south abutment to be stopped at edge of roadway.

#### **Stage 2A**

- Close Marley Street from Milltown Road to Millwood Court to all traffic. There will not be a posted detour.
- Close Marley Street from Millwood Court to north project limits. Maintain local access at all times. There will not be a posted detour.
- Complete Connection Road Station 702+00 'CT' to 709+50 'CT' under lane closures with flagging.
- Close Milltown Road from the east to through traffic. Maintain local access at all times. There will not be a posted detour.
- Shoulder closures are allowed along CTH VV.

- Lane closures are not allowed along STH 29.
- West RCUT must remain open. Fill material for south abutment to be stopped at edge of roadway.

#### **Stage 2B**

- Continue closure of Marley Street from Milltown Road to Millwood Court to all traffic. There will not be a posted detour.
- Continue closure of Marley Street from Millwood Court to north project limits. Maintain local access at all times. There will not be a posted detour.
- Shoulder closures are allowed along CTH VV.
- Lane closures are not allowed along STH 29.
- West RCUT must remain open. Fill material for south abutment to be stopped at edge of roadway.

#### **Stage 2C**

- Close Milltown Road to complete the connection of Evergreen Avenue. Maintain local access at all times. There will not be a posted detour.
- Maintain access from STH 29/32 to Connection Road via temporary connection and the existing Milltown Road/STH 29/32 connection.
- Shoulder closures are allowed along CTH VV.
- Lane closures are not allowed along STH 29.
- West RCUT must remain open. Fill material for south abutment to be stopped at edge of roadway.

#### **Stage 3**

- Maintain access from STH 29/32 to Connection Road via temporary connection and the existing Milltown Road/STH 29/32 connection.
- Shoulder closures are allowed along CTH VV.
- Close west RCUT. Sign detour for eastbound STH 29/southbound STH 29 traffic.
- Maintain two lanes of traffic in each direction along STH 29/32 during peak hours.
- Maintain a minimum of one lane of traffic in each direction to complete shoulder work along STH 29/32 during off-peak and nighttime hours. Do not close lanes if work is not being performed on the shoulders.
- Employ Rolling Closures along STH 29/32, as described herein, when placing girders and formwork over the highway.

#### **Stage 3B**

- Maintain access from STH 29/32 to Connection Road via temporary connection and the existing Milltown Road/STH 29/32 connection.
- Continue closure of west RCUT. Sign detour for eastbound STH 29/southbound STH 29 traffic.
- Maintain two lanes of traffic in each direction along STH 29/32 during peak hours.

#### **Stage 4A**

- Maintain access from STH 29/32 to Connection Road via temporary connection and the existing Milltown Road/STH 29/32 connection.
- Maintain two lanes of traffic in each direction along STH 29/32 during peak hours.
- Maintain a minimum of one lane of traffic in each direction to complete shoulder work along STH 29/32 during off-peak and nighttime hours. Do not close lanes if work is not being performed on the shoulders.

#### **Stage 4B**

- Maintain access from STH 29/32 to Connection Road via temporary connection and the existing Milltown Road/STH 29/32 connection.
- Close CTH VV from west project limit to North Overland Road. Maintain local access at all times. Sign detour for CTH VV traffic.
- Maintain Triangle Drive traffic from North Overland Road to STH 29/32.

#### **Stage 5A**

- Maintain access from STH 29/32 to Connection Road via temporary connection and the existing Milltown Road/STH 29/32 connection.
- Maintain two lanes of traffic in each direction along STH 29/32 during peak hours.
- Maintain a minimum of one lane of traffic in each direction to complete shoulder work along STH 29/32 during off-peak and nighttime hours. Do not close lanes if work is not being performed on the shoulders.

#### **Stage 5B**

- Maintain access from STH 29/32 to Connection Road via temporary connection and the existing Milltown Road/STH 29/32 connection.
- Maintain two lanes of traffic in each direction along STH 29/32 during peak hours.
- Maintain a minimum of one lane of traffic in each direction to complete shoulder work along STH 29/32 during off-peak and nighttime hours. Do not close lanes if work is not being performed on the shoulders.
- Close Triangle Drive/STH 29/32 intersection. There will not be a posted detour.
- Close Triangle Drive at North Overland Road intersection. Maintain local access at all times. There will not be a posted detour.

#### **Stage 6A**

- Maintain two lanes of traffic in each direction along STH 29/32 during peak hours.
- Maintain a minimum of one lane of traffic in each direction to complete shoulder work along STH 29/32 during off-peak and nighttime hours. Do not close lanes if work is not being performed on the shoulders.
- Close Old 29 Road within project area. Maintain local access at all times. There will not be a posted detour.

#### **Stage 6B**

- Continue closure of Old 29 Road within project area. Maintain local access at all times. There will not be a posted detour.
- Maintain two lanes of traffic in each direction along STH 29/32 during peak hours.
- Maintain a minimum of one lane of traffic in each direction to complete shoulder work along STH 29/32 during off-peak and nighttime hours. Do not close lanes if work is not being performed on the shoulders.
- Close CTH U from south project limits to STH 29/32. Maintain local access at all times. There will not be a posted detour.

## **Stage 6C**

- Continue closure of Old 29 Road within project area. Maintain local access at all times. There will not be a posted detour.
- Maintain two lanes of traffic in each direction along STH 29/32 during peak hours.
- Maintain a minimum of one lane of traffic in each direction to complete shoulder work along STH 29/32 during off-peak and nighttime hours. Do not close lanes if work is not being performed on the shoulders.
- Close CTH U from STH 29/32 to Glendale Avenue. Maintain local access at all times. There will not be a posted detour.

## **Opening Roundabouts**

Do not open a roundabout to through traffic until the roundabout is completed including lighting, signing, pavement marking and all finishing items.

## **Portable Changeable Message Signs - Message Prior Approval**

After coordinating with department construction field staff, notify the Northeast Region Traffic Section at (920) 366-8033 (secondary contact number is (920) 360-3107) 3 business days before deploying or changing a message on a PCMS to obtain approval of the proposed message. The Northeast Region Traffic Unit will review the proposed message and either approve the message or make necessary changes.

PCMS boards must be deployed 7 days before the closure of roadways.

ner-643-035 (20171213)

## **Protection of Bridge Pier Columns**

Bridge pier columns are always to remain protected throughout construction. Construction of the new bridge pier shall be done concurrently with the placement of the temporary concrete barrier so that the bridge pier columns always remain protected. Placement of new beamguard shall be completed to a point to provide protection for the pier columns before the temporary concrete barrier is removed.

## **Private Driveways**

Maintain access to all business driveways and private residence driveways on a minimum of base aggregate dense surface at all times except as follows. Close driveways for a maximum of 7 calendar days due to roadway curb and gutter. Close driveways for a maximum of 2 calendar days for grading and placement of base aggregate and paving for each driveway. Notify each business and/or each residence on the property a minimum of 7 days prior to any driveway closures.

## **Snowplowing**

The staging shown in the plans, and described herein, accounts for segments of local roads to be closed to through traffic during winter months. Brown County Highway Department, Village of Howard, Village of Hobart will perform snow removal operations along segments of their respective roads during construction. Provide for snow removal in all areas closed to through traffic as required to facilitate safe construction activities. Maintain all traffic control devices and adjust as needed. Excess snow may not be piled up within the clear zone of the adjacent roadway.

## **Winter Maintenance**

During winter months park equipment at a safe distance (at a minimum of 30 feet from the edge of the travel lane, equipment may be parked in the median if it meets the minimum 30 feet from both traveled ways or if it is protected by concrete barrier) from the active travel lanes to prevent damage to equipment

from snow plowing operations. Do not store equipment or materials within the work zone which may interfere with horizontal sight distances along STH 29/32.

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

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

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

### **Traffic – Project 9200-10-72**

Complete the construction sequence and the associated traffic control as detailed on the plans and as follows:

#### **Stage 7A and 7B**

- Lane closures with flagging is allowed, except on STH 54. Single lane closures are only allowed on STH 54.
- Shoulder closures are allowed on all roadway except STH 54.
- Maintain local access at all times. There will not be a posted detour route for any route.

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

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

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

| <b>Closure type with height, weight, or width restrictions<br/>(available width, all lanes in one direction less than 16 feet)</b>     | <b>MINIMUM NOTIFICATION</b> |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Lane and shoulder closures                                                                                                             | 7 calendar days             |
| Full roadway closures                                                                                                                  | 7 calendar days             |
| Ramp closures                                                                                                                          | 7 calendar days             |
| Detours                                                                                                                                | 7 calendar days             |
| <b>Closure type without height, weight, or width restrictions<br/>(available width, all lanes in one direction 16 feet or greater)</b> | <b>MINIMUM NOTIFICATION</b> |
| Lane and shoulder 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.

## **7. Holiday Work Restrictions.**

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying STH 29/32 or STH 54 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 periods:



- From noon Friday, May 28, 2021 to 6:00 AM Tuesday, June 1, 2021 for Memorial Day;
- From noon Friday, July 2, 2021 to 6:00 AM Tuesday, July 6, 2021 for Independence Day;
- From noon Friday, September 3, 2021 to 6:00 AM Tuesday, September 7, 2021 for Labor Day;
- From noon Friday, November 19, 2021 to 6:00 AM Monday, November 22, 2021 for Opening Deer Gun Hunting;
- From noon Wednesday, November 24, 2021 to 6:00 AM Monday, November 29, 2021 for Thanksgiving;
- Lambeau Field event for any expected attendance over 30,000 people, from five hours prior to event until 8 hours after the start of the event.
- From noon Friday, December 24, 2021 to 6:00 AM Monday December 27, 2021 for Christmas;
- From noon Friday, December 31, 2021 to 6:00 AM Monday January 3, 2022 for New Year's Day;
- From noon Friday, May 27, 2022 to 6:00 AM Tuesday, May 31, 2022 for Memorial Day;
- From noon Friday, July 1, 2022 to 6:00 AM Tuesday, July 5, 2022 for Independence Day;
- From noon Friday, September 2, 2022 to 6:00 AM Tuesday, September 6, 2022 for Labor Day.

## 8. Utilities.

### **Project 9200-10-71**

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

stp-107-065 (20080501)

Additional detailed information regarding the location of vacated, relocated, and/or removed utility facilities is available in the work plan provided by each utility company or on the permits issued to them. View these documents at the region office during normal working hours.

**ATC Management, Inc. (electricity-transmission)** has an 138kV overhead line that crosses Old 29 Road at Station 102+85 'OH', crosses Marley Street at Station 55+15 'NB', and crosses Evergreen Avenue at Station 615+90 'EGE'.

ATC facilities over Marley Street were raised in February 2020.

Liquids and solid materials (including soil) shall not be stored or stockpiled directly under the conductors. Field Contact: Mike Olsen, (920) 338-6582, [molsen@atcllc.com](mailto:molsen@atcllc.com).

**CenturyLink Communications, LLC (communications)** has an existing fiber optic line along STH 29 from Station 479+68 'EB' Right to Station 579+55 'EB' Right.

CenturyLink plans to lower the existing communication line 24-inches from Station 558+00 'EB' Right to Station 560+00 'EB' Right.

From Station 527+89 'EB' Right to Station 533+55 'EB' Right (Location #1) and Station 551+42 'EB' Right to Station 554+76 'EB' Right (Location #2), during excavation CenturyLink does not anticipate conflicts. If an unanticipated conflict is encountered in these areas CenturyLink will perform the following work.

- Location #1 – CenturyLink to lower existing conduit. Work will take a maximum of 12 working days.
- Location #2 – CenturyLink to lower existing conduit. Work will take a maximum of 6 working days.

No other conflicts are anticipated.

Field Contact: Jason Busse, (414) 224-6713, [masood.jason.busse@centurylink.com](mailto:masood.jason.busse@centurylink.com).

**Charter Communications (communication)** has existing overhead facilities on Marley Street from Station 58+40 'NB' Left to Station 65+25 'NB' Left.

Charter plans to relocate the overhead line to underground from Station 63+65 'NB' Left to Station 65+25 'NB' Left in conjunction with Wisconsin Public Service electric during the winter of 2020/2021 and be completed before April 1, 2021.

The existing overhead line will be discontinued and removed from Station 58+40 'NB' to Station 65+25 'NB'.

Field Contact: Vince Albin, (920) 831-9249, [vince.albin@charter.com](mailto:vince.albin@charter.com).

**Net Lec, LLC (communication line)** has underground fiber optic lines along CTH U from Station 100+00 'OH' Right to STH 29, crossing STH 29 at Station 490+50 'EB'. Along STH 29 from Station 487+00 'EB' to Station 490+50 'EB'. Along the east side of North Overland Road crossing STH 29 at Station 549+00 'EB'. Then following Marley Street from Station 47+00 'NB' Right to Station 59+00 'NB' Right. Crossing Marley Street at Station between 59+00 'NB' Right to Station 61+25 'NB' Left. From Station 61+25 'NB' Left to 65+25 'NB' Left.

Net Lec, LLC has underground telephone lines along CTH VV from Station 27+00 'NB' Left to Station 29+00 'NB' Left. Along Connection Road from Station 709+50 'CT' Right to 706+25 'CT', crossing Connection Road at Station 706+25 'CT', then along existing Marley right-of-way line from Station 706+00 'CT' Left, then along Ramp C from Station 414+47 'RC' Left to 400+00 'RC' Left, then along Marley Street from Station 50+30 'NB' Right to Station 58+30 'NB' Right. Then crossing Marley Street at Station 58+30 'NB'. Along Marley Street from Station 58+30 'NB' Left to Station 65+25 'NB' Left. Crossing Evergreen Avenue from Station 636+00 'EGE' Right to Station 639+00 'EGE' Left. Along Evergreen Avenue from Station 639+00 'EGE' Left to Station 642+50 'EGE' Left. Along CTH U from Station 100+00 'OH' Left to Station 103+00 'OH' Left.

No conflicts are anticipated along CTH U and STH 29 from Station 487+00 'EB' to Station 490+50 'EB'.

Nsight plans to relocate the existing fiber optic line by installation starting on existing CTH VV (Triangle Drive) 200 feet east of North Overland Drive along the south side of existing CTH VV. The line will cross WIS 29 at Station 560+90 'EB'. Crossing under Connection Road at Station 705+00 'CT', then continuing along the right of way line of Ramp C from Station 414+47 'RC' Left to 400+00 'RC' Left, then along the right of way line of Marley Street from Station 50+29 'NB' Right to Station 59+50 'NB'. Crossing Evergreen Avenue at Station 600+75 'EGE'. Then continuing along Marley Street right of way line from 61+02 'NB' Right to 63+25 'NB' Right then crossing Marley Street at Station 63+25 'NB'. No conflicts anticipated of the fiber line on Marley Street from Station 63+25 'NB' Left to 65+25 'NB' Left.

The existing fiber optic line will be discontinued and left in place along the east side of North Overland Road crossing STH 29 at Station 549+00 'EB'. Then following Marley Street from Station 47+00 'NB' Right to Station 59+00 'NB' Right. Crossing Marley Street at Station between 59+00 'NB' Right to Station 61+25 'NB' Left. From Station 61+25 'NB' Left to 63+25 'NB' Left.

The existing telephone line will be discontinued and left in place along existing Marley right-of-way line from Station 706+00 'CT' Left, then along Ramp C from Station 414+47 'RC' Left to 400+00 'RC' Left, then along Marley Street from Station 50+30 'NB' Right to Station 58+30 'NB' Right. Then crossing Marley Street at Station 58+30 'NB'. Along Marley Street from Station 58+30 'NB' Left to Station 65+25 'NB' Left.

No conflicts are anticipated of telephone line along Connection Road from Station 709+50 'CT' Right to 706+25 'CT', crossing Connection Road at Station 706+25 'CT',

No conflicts are anticipated of telephone line crossing Evergreen Avenue from Station 636+00 'EGE' Right to Station 639+00 'EGE' Left. Along Evergreen Avenue from Station 639+00 'EGE' Left to Station 642+50 'EGE' Left. The existing pedestal at Station 637+15 'EGE' will be removed.

New line installation will be the summer and fall of 2020.

Field Contact: Rick Vincent, (920) 617-7316, [rick.vincent@nsight.com](mailto:rick.vincent@nsight.com).

**Oneida Tribe of Indians Utility Department-Communication (communication)** has an existing underground fiber optic line along CTH U and Old 29 Road from Station 100+00 'OH' Left to Station 113+50 'OH' Left.

No conflicts anticipated.

Field Contact Jeff Krueger, (920) 496-7383, [jkrueger@oneidanation.org](mailto:jkrueger@oneidanation.org).

**Village of Howard Water and Sewer Department (water)** does not have any existing waterlines within the project area but will be installing new water main in winter 2020/2021 and spring of 2021 before March 29, 2021.

New water main will be located on Marley Street from Station 61+01 'NB' to 61+50 'NB' Right, Station 61+50 'NB' to Station 65+25 'NB' Left. Evergreen Avenue from Station 600+50 'EGE' 19'-Right to Station 637+00 'EGE' 19'-Right. Station 638+00 'EGE' Left to Station 642+50 'EGE' Left. With crossings at 61+50 'NB', Station 600+25 'EGE', Station 608+25 'EGE', Station 610+00 'EGE', Station 622+40 'EGE', Station 628+75 'EGE', Station 630+10 'EGE', Station 632+60 'EGE', and Station 637+50 'EGE'.

Village of Howard will do final adjustments to water valve boxes during construction. Provide a 10-day notice when ready for adjustments. Work will take 2 working days to complete.

Field Contact: Mike Kaster, (920) 434-4060, [mkaster@villageofhoward.com](mailto:mkaster@villageofhoward.com).

**Village of Howard Water and Sewer Department (sewer)** does not have any existing sewer lines within the project area but will be installing new sanitary sewer in winter 2020/2021 before February 1, 2021.

New sanitary sewer will be located on Marley Street from Station 61+01 'NB' to Station 65+50 'NB'. On Evergreen Avenue from Station 600+96 'EGE' 12'-Left to Station 635+25 'EGE' 12'-Left. With crossings at Station 61+34 'NB', 600+96 'EGE', 610+30 'EGE', 623+32 'EGE', and 630+52 'EGE'. In addition, laterals will be installed at the following locations, Station 602+80 'EGE' Right, Station 606+90 'EGE' Right, Station 613+40 'EGE' Right, Station 619+75 'EGE' Right, Station 619+80 'EGE' Left, Station 628+90 'EGE' Left, and Station 631+50 'EGE' Right.

Village of Howard will do final adjustments to manholes during construction. Provide a 10-day notice when ready for adjustments. Work will take 4 working days to complete.

Field Contact: Mike Kaster, (920) 434-4060, [mkaster@villageofhoward.com](mailto:mkaster@villageofhoward.com).

**Wisconsin Public Service Corporation (electricity)** has existing overhead facilities located STH 29 Station 487+00 'EB' Left to Station 564+75 'EB' Left. Overhead along Marley Street from Station 58+40 'NB' Left to Station 65+25 'NB' Left. Overhead along Triangle Drive from west project limits Left to 500 feet past CTH VV/North Overland intersection Left. Overhead along Evergreen Avenue from Station 638+00 'EGE' Left to Station 642+50 'EGE' Left. Overhead on CTH U from Station 100+00 'OH' Left to Station 104+25 'OH' Left, Station 105+50 'OH' Right to Station 105+85 'OH' Right. With overhead crossings at STH 29 Station 563+00 'EB', Connection Road Station 706+35 'CT', Evergreen Avenue Station 637+00 'EGE', and Old 29 Road Station 105+00 'OH'. Underground crossing at STH 29 Station 496+00 'EB'.

Wisconsin Public Service will be installing new overhead lines along STH 29 from Station 520+75 'EB' Left to Station 526+00 'EB' Left, along Ramp D from Station 510+50 'RD' Left to Station 525+80 'RD' Left, along Marley Street from Station 51+25 'NB' Left to Station 54+15 'NB' Left. Then an underground crossing will be installed crossing Marley Street at Station 54+15 'NB'. Then back overhead on Marley Street at Station 54+15 'NB' Right then south along Marley Street to Station 51+30 'NB' Right along Ramp C from Station 402+50 'RC' Left intersecting the existing overhead line at Station 407+00 'RC' Left with a new pole.

New overhead lines along STH 29 from Station 558+25 'EB' Left to Station 563+75 'EB'

New overhead lines along STH 29 from Station 561+00 'EB' Right to Station 563+75 'EB' then a new overhead crossing to Station 563+75 'EB'

New underground lines along CTH VV from Station 27+00 'NB' Left to Station 29+00 'NB'.

New underground lines along Marley Street from Station 55+00 'NB' Left to Station 65+25 'NB' Left.

New overhead line crossing Evergreen Avenue at Station 636+25 'EGE', then Station 637+00 'EGE' Left to 642+50 'EGE' Left.

At CTH U/STH 29 intersection the existing overhead lines will be discontinued and removed from Station 103+00 'OH' to Station 105+75 'OH'. Existing underground line will be discontinued and left in place from Station 105+75 'OH' Right crossing STH 29 to Station 484+50 'EB' Left

Along STH 29 the existing overhead line will be discontinued and removed from Station 520+75 'EB' Left to Station 550+00 'EB' Left. Additionally, along STH 29 from Station 558+25 'EB' left to Station 563+75 'EB' Left.

Along CTH VV the existing overhead line will be discontinued and removed from the west project limits to 200' west of North Overland Road.

Along Marley Street the existing overhead line will be discontinued and removed from Station 58+40 'NB' Left to Station 65+25 'NB' Left.

Along Evergreen Avenue the existing overhead line will be discontinued and removed from Station 635+75 'EGE' Right crossing Evergreen Avenue to Station 642+50 'EGE' Left.

Work will start in the Fall/Winter of 2020 and completed on March 29, 2021.

Field Contact: Robert Smith, (920) 617-5284, [robert.smith@wisconsinpublicservice.com](mailto:robert.smith@wisconsinpublicservice.com).

**Wisconsin Public Service Corporation (gas/petroleum)** has underground facilities along CTH U from Station 100+00 'OH' Left to Station 103+00 'OH' Left. CTH VV from Station 27+00 'NB' Right to Station 31+75 'NB' Right. Along Marley Street from Station 61+50 'NB' Left to Station 65+25 'NB' Left. Along Evergreen Avenue from Station 636+00 'EGE' Right to 642+50 'EGE' Right. On Connection Road at a crossing on at Station 706+50 'CT' then from Station 707+00 'CT' Right to Station 709+50 'CT' Left.

On CTH TS from Station 113+00 'CE' Right to Station 119+76.20 'CE' Right there is an existing 12-inch steel high pressure gas transmission main. Construction materials or equipment may not be stored within 10' of the marked gas facility.

Any necessary grading or associated project work to be completed within 10' of the marked gas facility and will require WPS standby. To schedule standby, contact WPS at the contact numbers listed below.

Wisconsin Public Service will be installing new 2-inch plastic gas main on CTH VV from Station 27+00 'NB' Right to Station 31+00 'NB' Right. On Marley Street a 4-inch plastic gas main will be placed from Station 62+00 'NB' Left to Station 67+00 'NB' Left connecting back into existing gas main. Along Connection Road a new 2-inch plastic gas main will be placed from Station 706+00 'CT' Left to Station 709+50 'CT' Left, then cross to the south just north of the cul-de-sac and connect back to the existing gas main. Along Evergreen Avenue a new gas line will be run from existing gas main at Station 636+00 'EGE' Right to Station 644+00 'EGE' Right connecting back into the gas main.

Existing gas main in the areas that were relocated have been discontinued and left in place.

Take caution to avoid unnecessary disturbances to the existing gas facilities. Call Digger's Hotline (811 or 1-800-242-8511) three business days before you dig to obtain locates and standby. If there is any unusual situation that requires assistance or relocation, please contact the 24-hr Customer Service number, 1-800-450-7260. In the event of a gas emergency (e.g., damage to gas carrying facilities, including nicks, dents, scratches, gas blowing, etc.), please contact the WPS 24-hr Emergency Gas number, 1-800-450-7280.

All relocations will be completed by December 31, 2020.

Field Contact: Jim Eiden, (920) 617-5231, [james.eiden@wisconsinpublicservice.com](mailto:james.eiden@wisconsinpublicservice.com).

### **Project 9200-10-72**

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

stp-107-065 (20080501)

**AT&T Wisconsin (communication)** has existing facilities within the project area.

No conflicts are anticipated.

Field Contact: Shea Gorzelanczyk, (920) 433-4250, [sg2528@att.com](mailto:sg2528@att.com).

**ATC Management, Inc. (electricity-transmission)** has facilities within the project area.

No conflicts are anticipated.

Field Contact: Mike Olsen, (920) 660-2390, [molsen@atcllc.com](mailto:molsen@atcllc.com).

**Central Brown County Water Authority (water)** has facilities within the project area.

No conflicts are anticipated.

CBCWA has concerns about the proposed broad band fiber optic crossing the CBCWA facilities at Station 109+00, Station 112+50, and Station 188+00; the CBCWA facilities must be watchdogged while the proposed broad band fiber optic is directionally bored past these locations. Contact CBCWA person located below at least 5 working days before work in these locations.

Field Contact: Robert Michaelson, (920) 686-4354, [rmichaelson@mpu.org](mailto:rmichaelson@mpu.org).

**CenturyLink Communications, LLC (communications)** has facilities within the project area.

No conflicts are anticipated.

Field Contact: Jason Busse, (414) 224-6713, [masood.jason.busse@centurylink.com](mailto:masood.jason.busse@centurylink.com).

**Charter Communications (communication)** has facilities within the project area.

No conflicts are anticipated.

Field Contact: Vince Albin, (920) 831-9249, [vince.albin@charter.com](mailto:vince.albin@charter.com).

**City of Green Bay, DPW (sewer)** has facilities within the project area.

Provide a minimum of 6-foot clearance from all existing sanitary.

No conflicts anticipated.

Field Contact: Matthew Heckenlaible, (920) 448-3100, [matthe@greenbaywi.gov](mailto:matthe@greenbaywi.gov).

**Green Bay Water Utility (water)** has facilities within the project area.

Provide a minimum of 3-foot horizontal clearance from existing hydrants at approximately Station 19+20 and Station 23+80. Provide a minimum of 8-foot horizontal separation from the existing water main from approximately Station 57+00 to Station 92+75, except where appurtenances extend east of the main at approximately Station 70+50 and Station 72+80 where a minimum 5-foot horizontal clearance should be maintained.

Where the proposed facility crosses the water main, avoid impact to existing facility and provide a minimum of 3-foot vertical clearance.

No conflicts anticipated.

Field Contact: Kristin Romanowicz, (920) 448-3480, [kristinro@greenbaywi.gov](mailto:kristinro@greenbaywi.gov).

**NEW Water (sewer)** has facilities within the project area.

No conflicts anticipated.

Field Contact: Rob Reinhart, (920) 438-1035, [reinhart@newwater.us](mailto:reinhart@newwater.us).

**Net Lec, LLC (communication line)** has facilities within the project area.

No conflicts anticipated.

Field Contact: Rick Vincent, (920) 617-7316, [rick.vincent@nsight.com](mailto:rick.vincent@nsight.com).

**Oneida Tribe of Indians Utility Department (sewer)** has facilities within the project area.

No conflicts anticipated.

Field Contact Scott Cottrell, (920) 496-5290, [scottrel@oneidanation.org](mailto:scottrel@oneidanation.org).

**Pittsfield Sanitary District #1 (sewer)** has facilities within the project area.

No conflicts anticipated.

Field Contact: David Tauscher, (920) 371-3421, [davidtauscher@hotmail.com](mailto:davidtauscher@hotmail.com).

**Village of Hobart (water)** has facilities in the project area.

No conflicts are anticipated.

Field Contact: Jerry Lancelle, (920) 869-3807, [jerry@hobart-wi.org](mailto:jerry@hobart-wi.org).

**Village of Hobart (sewer)** has facilities in the project area.

No conflicts are anticipated.

Field Contact: Jerry Lancelle, (920) 869-3807, [jerry@hobart-wi.org](mailto:jerry@hobart-wi.org).

**Village of Howard Water and Sewer Department (water)** does not have any existing waterlines within the project area but will be installing new water main in winter 2020/2021 and spring of 2021 before March 29, 2021.

No conflicts are anticipated.

Field Contact: Mike Kaster, (920) 434-4060, [mkaster@villageofhoward.com](mailto:mkaster@villageofhoward.com).

**Village of Howard Water and Sewer Department (sewer)** does not have any existing sewer lines within the project area but will be installing new sanitary sewer in winter 2020/2021 before February 1, 2021.

No conflicts are anticipated.

Field Contact: Mike Kaster, (920) 434-4060, [mkaster@villageofhoward.com](mailto:mkaster@villageofhoward.com).

**Wisconsin Department of Transportation (communication line)** has facilities within the project area.

No conflicts are anticipated.

Field Contact: John Mittlestadt, (608) 205-7859, [john.mittlestadt@dot.wi.gov](mailto:john.mittlestadt@dot.wi.gov).

**Wisconsin Independent Network, LLC (communication)** has facilities within the project area.

No conflicts are anticipated.

Field Contact: John Louis, (715) 864-2918, [john.lewis@wintechology.com](mailto:john.lewis@wintechology.com).

**Wisconsin Public Service Corporation (electricity)** has facilities within the project area.

No conflicts are anticipated.

Field Contact: Robert Smith, (920) 617-5284, [robert.smith@wisconsinpublicservice.com](mailto:robert.smith@wisconsinpublicservice.com).

**Wisconsin Public Service Corporation (gas/petroleum)** has facilities within the project area.

No conflicts are anticipated.

Field Contact: Jim Eiden, (920) 617-5231, [james.eiden@wisconsinpublicservice.com](mailto:james.eiden@wisconsinpublicservice.com)

## 9. Work by Others.

At the intersection of STH 29 (EB and WB) and CTH VV the Wisconsin Department of Transportation Northeast Region Electrical Unit will perform the following work:

- Terminate all electrical wire in the existing lighting control cabinets
- Remove J-Turn lighting cabinet
- Coordinate with WPS to disconnect service at J-Turn



At the new interchange ramps for STH 29 and CTH VV/Marley Street the Wisconsin Department of Transportation Northeast Region Electrical Unit will perform the following work:

- Provide and install the lighting control cabinets at new ramp terminals

## **10. Other Contracts.**

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

### **Marley Street**

**Project 9269-00-14**, V Howard, Marley Street (Millwood Ct – CTH C) Work under this contract is anticipated to start in May 2022 and be completed by October 1, 2022.

### **North Overland Road Roundabout**

The Village of Hobart will be constructing a roundabout at the intersection of North Overland Road and future CTH TS. Work under this contract is anticipated to start in May 2021 and be completed by November 2021.

Inquire with the Village of Howard, Village of Hobart, Town of Pittsfield, Brown County, Outagamie County, and the department for any additional projects anticipated to be under construction near the project area or along proposed hauls routes.

## **11. Hauling Restrictions.**

Do not haul materials of any kind on any local roads without approval of the local maintaining authority and the department. Any proposals to haul on local roads will be by a written agreement with the respective maintaining authority. Submit the agreement to the department from the maintaining authority prior to hauling. Contact the respective maintaining authority prior to bidding for approval of haul routes.

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

The department has obtained a U.S. Army Corps of Engineers Section 404 permit. Comply with the requirements of the permit in addition to requirements of the special provisions. A copy of the permit is available from the regional office by contacting Matt Ternes at 920-366-3028.

stp-107-054 (20080901)

## **13. Information to Bidders, WPDES General Construction Storm Water Discharge Permit.**

The department has obtained coverage through the Wisconsin Department of Natural Resources to discharge storm water associated with land disturbing construction activities of this contract under the Wisconsin Pollutant Discharge Elimination System General Construction Storm Water Discharge Permit (WPDES Permit No. WI-S066796-1). A certificate of permit coverage is available from the regional office by contacting Matt Ternes at 920-366-3028. Post the permit in a conspicuous place at the construction site.

stp-107-056 (20180628)

## **14. Information to Bidders, State of Wisconsin, Brown County and Municipal Permits for Broadband Fiber.**

The department has obtained permits for installation of broadband fiber optic line. Copies of these permits is available from the regional office by contacting Matt Ternes at 920-366-3028.

As part of the permits the City of Green Bay requires the following:

- List the City of Green Bay on insurance.
- Acquire an obstruction and excavation permit. The department has acquired a City of Green Bay letter permit for attaching to the submittal and will provide upon request.
  - a. <https://greenbaywi.gov/DocumentCenter/View/5284/Obstruction-Permit-PDF>
  - b. <https://greenbaywi.gov/DocumentCenter/View/5285/Excavation-Permit-PDF?bidId=>

## 15. Environmental Protection, Aquatic Exotic Species Control.

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

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

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

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

Use the following inspection and removal procedures:

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

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

stp-107-055 (20130615)

## 16. Environmental Protection, Phragmites

Phragmites, an invasive species plant, is known to exist within the project limits and in areas that ground disturbance or excavation work is shown in the plans. All soils containing plant or root fragments that will be excavated or salvaged as part of the work within the contract shall be salvaged and used as topsoil within the immediate area of the work or deposited at an engineer approved waste site within the existing right-of-way within the project limits. All waste sites are subject to review and approval by the department and shall be suitable for the waste of material containing Phragmites. Waste material shall be placed in upland locations in the general area where the plant currently exists. For all equipment that comes into



contact with Phragmites infested areas, use the following guidelines for inspection and cleaning of equipment before leaving the project site.

Known Phragmites locations include:

- Station 480+75 'EB' to 494+89 'EB'
- Station 535+00 'EB' to 535+50 'EB'

Locations to be verified by engineer in the field.

Ensure that all equipment that has been in contact with Phragmites infested areas or potentially infested areas has been decontaminated. Use the following inspection and removal procedures (guidelines from the Wisconsin Department of Natural Resources) for disinfection:

Before leaving the contaminated site, wash machinery and ensure that the machinery is free of all soil and other substances that could possibly contain exotic invasive species.

Clean all equipment with hot water of 105°F to 110°F for a period of 30 minutes or hot water of 140°F for a period of five minutes. After cleaning, dry all equipment in a sunny location for at least three days.

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

ner-107-060 (20200129)

## **17. Environmental Protection, Dewatering.**

*Supplement standard spec 107.18 as follows:*

If dewatering is required, treat the water to remove suspended sediments by filtration, settlement or other appropriate best management practice prior to discharge. The means and methods proposed to be used during construction shall be submitted for approval as part of the Erosion Control Implementation Plan for dewatering at each location it is required. The submittal shall also include the details of how the intake will be managed to not cause an increase in the background level turbidity prior to treatment and any additional erosion controls necessary to prevent sediments from reaching the project limits or wetlands and waterways. Guidance on dewatering can be found on the Wisconsin Department of Natural Resources website located in the Storm Water Construction Technical Standards, Dewatering Code #1061, "Dewatering". This document can be found at the WisDNR website:

[http://dnr.wi.gov/topic/stormwater/standards/const\\_standards.html](http://dnr.wi.gov/topic/stormwater/standards/const_standards.html)

The cost of all work and materials associated with water treatment and/or dewatering is incidental to the bid items the work is associated.

## **18. Environmental Protection, Dust Control.**

*Supplement standard spec 107.18 as follows:*

Control dust during construction. Use of bid items of Dust Control Surface Treatment and Water for minimizing dust levels.

In addition, guidance on dust control can be found on the Wisconsin Department of Natural Resources website located in the Storm Water Construction Technical Standards, Dust Control On Construction Sites #1068. This document can be found at the WisDNR website:

[http://dnr.wi.gov/topic/stormwater/standards/const\\_standards.html](http://dnr.wi.gov/topic/stormwater/standards/const_standards.html)

## **19. Erosion Control, Winterization.**

Submit an erosion control implementation plan (ECIP) to the department Northeast Region Environmental Section and the WDNR at least 14 days prior to the pre-construction meeting. In addition to the normal permanent erosion control items, the ECIP shall contain a detailed staged plan for placing temporary and permanent landscaping items to provide for winterization of the project extending into 2022 construction.

Immediately after the grading operations, complete permanent landscaping unless the engineer authorizes temporary erosion control measures. Seed and/or temporarily seed exposed and topsoiled areas not to be graded until the spring of 2022 prior to October 1, 2021. In all areas where seeding occurs after October 1, 2021, apply Soil Stabilizer, Type B, and all other erosion control measures as determined necessary by the engineer.

Check silt fence and inlet protection after each snowfall. Fix any damage to erosion control measures due to snowfall. Inlet protection and silt fences shall at a minimum be inspected weekly and within 24 hours after every precipitation event that produces 0.5 inches of rain or more during a 24 hour period. Damaged or decomposed fences, undercutting, or flow channels around the end of barriers to be repaired or corrected due to winter precipitation.

During the spring weekly check all erosion control measures. Spring conditions bring fluctuating temperatures which can result in heavy snow melt and ice buildups. In addition to weekly checks, if it is anticipated/forecast that spring rains are predicated, check all erosion control measures within 24 hours before and within 24 hours after the weather event. Spring rains with snow still covering the ground can cause major flood problems and failures to erosion control measures.

## **20. Endangered Resources.**

There are State Threatened wood turtle within the project area. Provide 10-day business notice to the department (Mike Helmrick, WisDOT, (920) 492-7738) prior to start of any construction activity. The department will field review and remove any turtle, if found within the project area. The department will monitor and remove turtle if necessary, throughout the construction period.

The State Threatened Wood Turtle (*Glyptemys insculpta*) is a known inhabitant to the waterways and riparian corridors throughout the project area. Wood turtles may be present at the site, or near the site, therefore; The project construction must protect the perimeter of the area to be disturbed with properly trenched-in silt fence prior to March 15th to discourage the turtles from entering the area. The silt fence installation must meet both the department's specifications and the approval of the Department of Natural Resources.

If the project construction area cannot be silt fenced prior to March 15, the trenched-in silt fence must be installed prior to construction activities and the area behind the silt fence must be surveyed to ensure no turtles have ventured into the construction site. Contact Mike Helmrick for additional measures if any Wood Turtles are in the construction limits. Any turtles that are found in the project site, during construction season, must be removed prior to any site disturbance and shall continue throughout the construction period to ensure no turtles are harmed during construction.

## **21. Native American Hiring Provision.**

### **Pre-Bid**

Before bid submittal, contact the Oneida Nation to provide information on hiring procedures and future employment opportunities, and gather information on the tribal work force and tribal resources (ex. Native American owned DBE, tribal businesses, products, potential workers, etc.).

Oneida Nation tribal labor office contact information:

James Petitjean, Community Development Area Manager  
N7332 Water Circle Place, PO Box 365, Oneida, WI 54155  
Office: (920) 869-4574  
Cell: (920) 606-8909  
Email: [jpetitje@oneidanation.org](mailto:jpetitje@oneidanation.org)

Maintain documentation of all efforts made to communicate with Oneida Nation using [DT2400 Pre-Bid Contact Verification Form](#). This form is to be used as a record of communication with the designated tribe's assigned contact person. Please submit the DT2400 form and any supporting documentation when you submit the bid request (DT1633) for the project via email to:

DOT DTSD Highway Construction Contractors [constplans.dtid@dot.wi.gov](mailto:constplans.dtid@dot.wi.gov)

The Eligible Bidders list will not be updated until this documentation is received.

## After Execution

The contractor shall contact James Petitjean of the Oneida Nation with the following information regarding available employment opportunities for prime and subcontractors at a minimum of 5 business days before the tribal coordination meeting:

- Job classification/trade
- Job qualifications and required skills
- Employment period
- Wage
- Copy of job application
- List of subcontractors and contact information (ex. Name, email, phone, etc.)
- List of available internships

After receiving employment opportunities, James Petitjean may provide employment referrals or recruitment sources throughout the life of the project to obtain qualified referrals.

Document all efforts made to communicate job opportunities and the results of hiring activities throughout the life of the contract. Utilize [DT2405 Native American Hiring Provision Report](#) and submit it to Oneida Nation and Regional Labor Compliance Specialist James Petitjean [jpetitje@oneidanation.org](mailto:jpetitje@oneidanation.org) the 15<sup>th</sup> of every month for the previous month until the project construction is complete. Final report should be indicated on the form. Report shall include prime contractor and subcontractor data.

## Tribal Coordination Meeting

Between execution of contract and the project pre-construction meeting, the contractor and Oneida Nation will setup and facilitate the Tribal Coordination Meeting, establish an agenda, date and location. Any cost incurred for the meeting would be incidental to the overall project cost. The contractor shall work with the Tribe to determine who from Tribal leadership and staff the contractor should notify and invite to the meeting.

The contractor shall also notify and invite the Regional Tribal Liaison James Petitjean; the Regional Labor Compliance Specialist James Petitjean; the WisDOT Tribal Affairs Program Manager, Sandy Stankevich, [sandy.stankevich@dot.wi.gov](mailto:sandy.stankevich@dot.wi.gov); the Tribal Affairs Project Manager, Cyless Peterson, [Cyless.peterson@dot.wi.gov](mailto:Cyless.peterson@dot.wi.gov); and the WisDOT region project team to the meeting.

This meeting may also include potential interviews or introductions with potential employees. The prime contractor and all subcontractors shall attend this meeting. Discussions are to include available employment opportunities and other tribal areas of interest such as scope of work, tribal regulations and ordinances, borrow sites, waste sites, and available aggregate.

## Project Completion

Submit documentation summarizing communications regarding job opportunities throughout the life of the contract. This can be done using the DT2405 form noting that this is the final report. Provide final report to the tribe and the Regional Labor Compliance Specialist compiling the results of hiring activities for the prime contractor as well as for subcontractors at all tiers.

stp-107-200 (20200629)

## 22. Public Convenience and Safety.

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

Check for and comply with local ordinances governing the hours of operation of construction equipment.

*Delete standard spec 107.8 (4) and replace with the following:*

Notify the following organizations and departments at least 72 hours before road closures or detours are put into effect:

|                                                              |                 |
|--------------------------------------------------------------|-----------------|
| Brown County Public Safety Communications on duty supervisor | (920) 391-7440  |
| Outagamie County Public Safety Communications Center         | (920)-832-5000  |
| Wisconsin State Patrol                                       | (920) 929-3700  |
| Brown County Sheriff's Department                            | (920) 448-4200  |
| Outagamie Sheriff's Department                               | (920) 832-5605  |
| Green Bay Fire Department                                    | (920) 448-3280  |
| Green Bay Police Department                                  | (920) 448-3200  |
| Green Bay Area Public School District                        | (920) 448-2000  |
| Village of Hobart Fire Department                            | (920) 655-3719  |
| Village of Hobart Police Department                          | (920) 869-3800  |
| Village of Howard Fire Department                            | (920) 434-4666  |
| Village of Howard Police Department                          | (920) 434-4640  |
| Howard-Suamico School District                               | (920) 662-7878  |
| Oneida Tribal Police Department                              | (920) 869-2239  |
| Oneida Tribal School District                                | (920) 869-4600, |
| Pulaski School District                                      | (920) 822-6000, |
| Pulaski Tri-County Fire Department                           | (920) 822-5392, |
| Oneida Fire Department                                       | (920) 833-2211  |

The Brown County Public Safety Communications 911 and Outagamie County Public Safety Communications Center dispatches all area police, fire and ambulance services, and will relay any notification given by the contractor in the event of an emergency.

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

The contractor shall arrange and conduct a meeting between the contractor, the department, affected residents, local officials and business people to discuss the project schedule of operations including vehicular and pedestrian access during construction operations. Hold the first meeting at least one week before the start of work under this contract and hold one meeting per month thereafter. The contractor shall arrange for a suitable location for meetings that provides reasonable accommodation for public involvement. The department will prepare and coordinate publication of the meeting notices and mailings for meetings. The contractor shall schedule meetings with at least 2 weeks prior notice to the engineer to allow for these notifications.

stp-108-060 (20141107)

## **24. Notice to Contractor, Geodetic Survey Control Station Green Bay GPS.**

### **Preserving and Maintaining Geodetic Survey Control Station**

GREEN BAY GPS [name] (PN1345) [federal point identifier] is a geodetic survey control station that is incorporated in the Wisconsin Geodetic Survey Control Network with a data sheet published in the National Spatial Reference System (NSRS) database managed by NOAA's National Geodetic Survey (NGS).

The Wisconsin Department of Transportation (WisDOT) Facilities Development Manual (FDM) 9-5-1 defines a geodetic survey control station as the following:

"A survey monument with either a precise latitude and longitude used for horizontal control, or a precise elevation used for vertical control, or both that has been determined by the most rigorous of surveying methods to meet the specifications set forth by NGS."

GREEN BAY GPS is a High Accuracy Reference Network (HARN) station consisting of a primary GPS base station with a high order leveled elevation.

As noted in WisDOT Construction and Materials Manual (CMM) 7-85.2.1, the estimated cost to replace GREEN BAY GPS is approximately \$25,000.

The approximate location of GREEN BAY GPS is Station 403+50, 70' RT.

WisDOT Central Office Geodetic Surveys Unit staff shall install 24-inch diameter precast concrete risers and cover over GREEN BAY GPS prior to December 31, 2019.

Ensure that the precast concrete risers and cover over GREEN BAY GPS are not damaged, disturbed, bumped or moved throughout the duration of the project.

Notify Jacob Rockweiler, P.E., WisDOT Wisconsin Height Modernization Program Manager whose phone number is (608) 243-5992 and email is [jacob.rockweiler@dot.wi.gov](mailto:jacob.rockweiler@dot.wi.gov) if the concrete risers or cover over GREEN BAY GPS are damaged, disturbed, bumped or moved during the project.

For additional information regarding geodetic survey control stations, please refer WisDOT CMM 7-85:

<https://wisconsindot.gov/rdwy/cmm/cm-07-85.pdf>

## **25. Notice to Contractor, Geodetic Survey Control Station Green Bay GPS AZ MK.**

### **Preserving and Maintaining Geodetic Survey Control Station**

GREEN BAY GPS AZ MK [name] (DL2579) [federal point identifier] is a geodetic survey control station that is incorporated in the Wisconsin Geodetic Survey Control Network with a data sheet published in the National Spatial Reference System (NSRS) database managed by NOAA's National Geodetic Survey (NGS).

The Wisconsin Department of Transportation (WisDOT) Facilities Development Manual (FDM) 9-5-1 defines a geodetic survey control station as the following:

"A survey monument with either a precise latitude and longitude used for horizontal control, or a precise elevation used for vertical control, or both that has been determined by the most rigorous of surveying methods to meet the specifications set forth by NGS."

GREEN BAY GPS AZ MK is a bench mark with a high order leveled elevation.

The approximate location of GREEN BAY GPS AZ MK is Station 516+40 'RD', 50' RT outside of the limits of proposed work.

The contractor shall install a safety fence around the three white witness posts surrounding GREEN BAY GPS AZ MK prior to substantial construction activities beginning on site as directed by the engineer.

Keep construction equipment at least five feet away from GREEN BAY GPS AZ MK.

Ensure that GREEN BAY GPS AZ MK is not damaged, disturbed, bumped or moved throughout the duration of the project.

The contractor shall remove the safety fence around the three white witness posts surrounding GREEN BAY GPS AZ MK when the station is no longer in danger of being damaged, disturbed, bumped or moved by construction activities as directed by the engineer.

Notify Jacob Rockweiler, P.E., WisDOT Wisconsin Height Modernization Program Manager whose phone number is (608) 243-5992 and email is [jacob.rockweiler@dot.wi.gov](mailto:jacob.rockweiler@dot.wi.gov) if GREEN BAY GPS AZ MK is damaged, disturbed, bumped or moved during the project.

For additional information regarding geodetic survey control stations, please refer WisDOT CMM 7-85:

<https://wisconsindot.gov/rdwy/cmm/cm-07-85.pdf>

## **26. Notice to Contractor – Geotechnical Investigation.**

For a copy of geotechnical investigations within the project area contact WisDOT Project Manager, Matt Ternes at (920) 366-3028.

**27. Notice to Contractor – United States Postal Service.**

The United States Postal Service (USPS) maintains deliveries within the project limits. The Green Bay and Oneida USPS offices are responsible for coordinating postal deliveries. Two weeks in advance of the project start and two weeks before staging changes notify them about changes in access.

Green Bay Post Office, 300 Packerland Dr, Green Bay, WI 54303; (920) 498-3892

Oneida Post Office, N7310 Red Willow Pkwy, Oneida, WI 54155; (920) 869-3710

**28. Notice to Contractor – Garbage and Recycling Pickup.**

Coordinate with the garbage haulers prior to starting construction to determine access to properties for garbage and recyclables pickups. Allow access to properties for collection or provide alternate access through coordination with the haulers. Contact two weeks prior to the start of construction.

- Village of Howard – Harters – Phone (888) 804-8556
- Village of Hobart – Advanced Disposal – Phone (920) 983-3341

**29. Notice to Contractor – Potential Borrow Sources.**

The Village of Howard and the Village of Hobart potentially have some borrow sources close to the project due to other projects. Contact information as follows.

Village of Howard – Mike Kaster, Director of Engineering, (920) 434-4060

Village of Hobart – Jerry Lancelle, Director of Public Works, (920) 869-3807

**30. Notice to Contractor – Material Storage.**

Materials of any kind are to not be stored or stockpiled under American Transmission Company's (ATC) lines at any time.

**31. Notice to Contractor – Topsoil Stockpile for removal from project.**

At the start of construction stockpile 5,000 CY of topsoil near the intersection of future Evergreen Avenue and Milltown Road. In addition, provide an access from Milltown road to the stockpile including any culverts needed. This stockpile of 5,000 CY of topsoil will become property of adjacent property owner who will have 14 calendar days to remove topsoil after stockpiling is completed. Cost for stockpiling and providing access including a culvert is incidental bid item of salvaged topsoil.

**32. Timely Decision Making Manual.**

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

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

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

stp-105-005 (20151210)

**33. Removing Apron Endwalls, Item 204.9060.S.01.**

**A Description**

This special provision describes removing Apron Endwalls conforming to standard spec 204.

**B (Vacant)**

**C (Vacant)**

**D Measurement**

The department will measure Removing Apron Endwalls for each endwall removed, acceptably completed.

**E Payment**

*Add the following to standard spec 204.5:*

| ITEM NUMBER            | DESCRIPTION             | UNIT |
|------------------------|-------------------------|------|
| 204.9060.S.01          | Removing Apron Endwalls | EACH |
| stp-204-025 (20150630) |                         |      |

**34. Removing Underdrain Apron Endwalls, Item 204.9060.S.02.**

**A Description**

This special provision describes removing Underdrain Apron Endwalls conforming to standard spec 204.

**B (Vacant)**

**C (Vacant)**

**D Measurement**

The department will measure Removing Underdrain Apron Endwalls for each endwall removed, acceptably completed.

**E Payment**

*Add the following to standard spec 204.5:*

| ITEM NUMBER            | DESCRIPTION                        | UNIT |
|------------------------|------------------------------------|------|
| 204.9060.S.02          | Removing Underdrain Apron Endwalls | EACH |
| stp-204-025 (20150630) |                                    |      |

**35. Removing Culvert Pipe, Item 204.9090.S.01.**

**A Description**

This special provision describes removing Culvert Pipe conforming to standard spec 204.

**B (Vacant)**

**C Construction**

Carefully remove existing sections of culvert pipe to planned locations that will allow for the replacement of an endwall.

**D Measurement**

The department will measure Removing Culvert Pipe in linear foot acceptably completed.

**E Payment**

*Add the following to standard spec 204.5:*

| ITEM NUMBER            | DESCRIPTION           | UNIT |
|------------------------|-----------------------|------|
| 204.9090.S.01          | Removing Culvert Pipe | LF   |
| stp-204-025 (20150630) |                       |      |

**36. Removing Pipe Underdrain 6-Inch, Item 204.9090.S02.**

**A Description**

This special provision describes removing Pipe Underdrain 6-Inch conforming to standard spec 204.

**B (Vacant)**

**C Construction**

Carefully remove underdrain to allow for future connections or endwalls.

**D Measurement**

The department will measure Removing Pipe Underdrain 6-Inch in linear foot, acceptably completed.

**E Payment**

*Add the following to standard spec 204.5:*

| ITEM NUMBER            | DESCRIPTION                     | UNIT |
|------------------------|---------------------------------|------|
| 204.9090.02            | Removing Pipe Underdrain 6-Inch | LF   |
| stp-204-025 (20150630) |                                 |      |

**37. Select Borrow.**

Conform to standard spec 208 as modified in this special provision.

**Material**

Furnish and use material that consists of granular material meeting the following requirements: No more than 25% P-200 of that portion of the #4 sieve.

stp-208-005 (20031103)

**38. Concrete Pavement Joint Layout, Item 415.5110.S.**

**A Description**

This special provision describes providing a concrete pavement or concrete base joint layout design for intersections and marking the location of joints in the field.

**B (Vacant)**

**C Construction**

Plan and locate all points necessary to establish the horizontal position of the transverse and longitudinal joints in the concrete to prevent uncontrolled cracking. Submit a joint layout design to the engineer at least 7 calendar days before paving each intersection. Do not lay out joints until the engineer has reviewed the joint layout design. Mark the location of concrete joints in the field. Follow the plan details for joints in concrete making adjustments as required to fit field conditions.

**D Measurement**

The department will measure Concrete Pavement Joint Layout as a single lump sum unit for all joint layout designs and marking, 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 |
|-------------|--------------------------------|------|
| 415.5110.S  | Concrete Pavement Joint Layout | LS   |

Payment is full compensation for providing the intersection joint layout designs and marking all joints in the field.

The department will adjust pay for crack repairs as specified in standard spec 415.5.3.

stp-415-020 (20170615)



### **39. Protection of Concrete.**

*Add to standard spec 415.3.14:*

The contractor shall provide for a minimum of one concrete finisher to remain on the project site after final finishing of all concrete surfaces until the concrete has hardened sufficiently to resist surface scarring caused by footprints, handprints, or any other type of imprint, malicious or otherwise. The finisher shall actively and continuously patrol on foot the newly placed concrete and repair any damage to the surface that might be sustained as described above.

The cost for providing the finisher(s), the necessary equipment, and materials is incidental to the contract.

ner-415-015 (20180326)

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

#### **A Description**

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

- (1) This special provision describes density testing of in-place HMA pavement with the use of nuclear density gauges. Conform to standard spec 460 except as modified in this special provision.
- (2) Provide and maintain a quality control program defined as all activities and documentation of the following:
  1. Selection of test sites.
  2. Testing.
  3. Necessary adjustments in the process.
  4. Process control inspection.
- (3) Chapter 8 of the department's construction and materials manual (CMM) provides additional detailed guidance for QMP work and describes required procedures.

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

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

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

#### **B Materials**

##### **B.1 Personnel**

- (1) Nuclear gauge owners and personnel using nuclear gauges shall comply with WisDOT requirements according to 460.3.3 and CMM 8-15.

##### **B.2 Testing**

- (1) Conform to ASTM D2950 and CMM 8.15 for density testing and gauge monitoring methods. Conform to CMM 8-15.10.4 for test duration and gauge placement.

##### **B.3 Equipment**

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

- (1) Furnish nuclear gauges according to CMM 8-15.2.
- (2) Furnish nuclear gauges from the department's approved product list at

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

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

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

- (1) Compare QC and QV nuclear gauges according to CMM 8-15.7.

###### **B.3.2.2 Comparison Monitoring**

- (1) Conduct reference site monitoring for both QC and QV gauges according to CMM 8-15.

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

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

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

- (1) Divide the pavement into lots and sublots for nuclear density testing according to CMM 8-15.10.2.
- (2) Determine required number of tests according to CMM 8-15.10.2.1.
- (3) Determine random testing locations according to CMM 8-15.10.3.

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

- (1) Divide the pavement into lots and sublots for nuclear density testing according to CMM 8-15.10.2.
- (2) Determine required number of tests according to CMM 8-15.10.2.2.
- (3) Determine random testing locations according to CMM 8-15.10.3.

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

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

- (1) Calculate the average sublot densities using the individual test results in each sublot.
- (2) If all sublot averages are no more than one percent below the target density, calculate the daily lot density by averaging the results of each random QC test taken on that day's material.
- (3) If any sublot average is more than one percent below the target density, do not include the individual test results from that sublot when computing the lot average density and remove that sublot's tonnage from the daily quantity for incentive. The tonnage from any such sublot is subject to disincentive pay as specified in standard spec 460.5.2.2.

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

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

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

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

- (1) If all sublot test results are no more than 3.0 percent below the minimum target density, calculate the daily lot density by averaging all individual test results for the day.
- (2) If a sublot test result is more than 3.0 percent below the target density, the engineer may require the unacceptable material to be removed and replaced with acceptable material or allow the nonconforming material to remain in place with a 50 percent pay reduction. Determine the limits of the unacceptable material according to B.4.3.

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

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

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

- (1) Document QC density test data as specified in CMM 8.15. Provide the engineer with the data for each lot within 24 hours of completing the QC testing for the lot.

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

- (1) Notify the engineer immediately when an individual test is more than 3.0 percent below the specified minimum in standard spec 460.3.3.1. Investigate and determine the cause of the unacceptable test result.
- (2) The engineer may require unacceptable material specified in B.4.3(1) to be removed and replaced with acceptable material or allow the nonconforming material to remain in place with a 50 percent pay reduction. Determine limits of the unacceptable area by measuring density of the layer at 50-foot increments both ahead and behind the point of unacceptable density and at the same offset as the original test site. Continue testing at 50-foot increments until a point of acceptable density is found as specified in standard spec 460.5.2.2(1). Removal and replacement of material may be required if extended testing is in a previously accepted sublot. Testing in a previously accepted sublot will not be used to recalculate a new lot density.
- (3) Compute unacceptable pavement area using the product of the longitudinal limits of the unacceptable density and the full sublot width within the traffic lanes or shoulders.

- (4) Retesting and acceptance of replaced pavement will be as specified in standard spec 105.3.
- (5) Tests indicating density more than 3.0 percent below the specified minimum, and further tests taken to determine the limits of unacceptable area, are excluded from the computations of the subplot and lot densities.
- (6) If two consecutive subplot averages within the same paving pass and same target density are more than one percent below the specified target density, notify the engineer and take necessary corrective action. Document the locations of such sublots and the corrective action that was taken.

## **B.5 Department Testing**

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

- (1) The department will have a HTCP certified technician, or ACT working under a certified technician, perform verification testing. The department will test randomly at locations independent of the contractor's QC work. The department will perform verification testing at a minimum frequency of 10 percent of the sublots and a minimum of one subplot per mix design. The sublots selected will be within the active work zone. The contractor will supply the necessary traffic control for the department's testing activities.
- (2) The QV tester will test each selected subplot using the same testing requirements and frequencies as the QC tester.
- (3) If the verification subplot average is not more than one percent below the specified minimum target density, use the QC tests for acceptance.
- (4) If the verification subplot average is more than one percent below the specified target density, compare the QC and QV subplot averages. If the QV subplot average is within 1.0 lb/ft<sup>3</sup> of the QC subplot average, use the QC tests for acceptance.
- (5) If the first QV/QC subplot average comparison shows a difference of more than 1.0 lb/ft<sup>3</sup> each tester will perform an additional set of tests within that subplot. Combine the additional tests with the original set of tests to compute a new subplot average for each tester. If the new QV and QC subplot averages compare to within 1.0 lb/ft<sup>3</sup>, use the original QC tests for acceptance.
- (6) If the QV and QC subplot averages differ by more than 1.0 lb/ft<sup>3</sup> after a second set of tests, resolve the difference with dispute resolution specified in B.6. The engineer will notify the contractor immediately when density deficiencies or testing precision exceeding the allowable differences are observed.

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

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

## **B.6 Dispute Resolution**

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

## **B.7 Acceptance**

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

**C (Vacant)**

**D (Vacant)**

## **E Payment**

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

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

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

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

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

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

stp-460-020 (20181119)

## **41. Bar Steel Reinforcement HS Stainless Structures, Item 505.0800.S.**

### **A Description**

This special provision describes furnishing and placing stainless steel reinforcing bars and associated stainless steel bar couplers.

Conform to standard spec 505 as modified in this special provision.

### **B Materials**

#### **B.1 General**

Furnish stainless steel reinforcing bars conforming to ASTM A955 and to one of the following Unified Numbering System (UNS) designations: S31653, S31803, S32205, or S32304. Supply grade 60 bars, all of the same UNS designation. Conform to the chemical composition specified for the given UNS designation in ASTM A276 table 1.

Supply bars that are free of dirt, mill scale, oil, and debris by pickling to a bright or uniform light finish. The department may reject bars displaying rust/oxidation, questionable blemishes, or lack of a bright or uniform pickled surface.

Furnish chairs or continuous supports made of stainless steel or recycled plastic to support high-strength stainless bar steel reinforcement subject to the plastic chair restriction stated in standard spec 505.3.4(1).

Furnish couplers made from one of the UNS alloys allowed for bar steel.

Furnish tie wire made from one of the UNS alloys allowed for bar steel or from an engineer-approved plastic or nonmetallic material. Ensure that stainless steel tie wire is dead soft annealed.

#### **B.2 Fabrication**

Before fabrication, supply test results from an independent testing agency certifying that the reinforcement meets the requirements of Annex A1 of ASTM A955.

Bend bars conforming to standard spec 505.3.2 and according to ASTM A955. Bend and cut bars using equipment thoroughly cleaned or otherwise modified to prevent contamination from carbon steel or other contaminants. Use tools dedicated solely to working with stainless steel.

#### **B.3 Control of Material**

Identify reinforcement bars delivered to the project site with tags bearing the identification symbols used in the plans. Include the UNS designation, heat treat condition, heat number, grade corresponding to minimum yield strength level, and sufficient documentation to track each bar bundle to a mill test report.

Provide samples for department testing and acceptance according to CMM 8-50 Exhibit 1 requirements for concrete masonry reinforcement for uncoated bar steel.

Provide mill test reports for the project that do the following:

1. Verify that sampling and testing procedures and test results conform to ASTM A955, ASTM A276 table 1, and these contract requirements.
2. Include a chemical analysis with the UNS designation, heat lot identification, and the source of the metal.
3. Include tensile strength, yield strength, and elongation tests results conforming to ASTM A955 for each size furnished.
4. Certify that the bars have been pickled to a bright or uniform light finish.

## **C Construction**

### **C.1 General**

Ship, handle, store, and place the stainless steel reinforcing as follows:

1. Separate from regular reinforcement during shipping. Pad points of contact with steel chains or banding, or secure with non-metallic straps.
2. Store on wooden cribbing separated from regular reinforcement. Cover with tarpaulins if stored outside.
3. Handle with non-metallic slings.
4. Do not flame cut or weld. Protect from contamination when cutting, grinding, or welding other steel products above or near the stainless steel during construction.
5. Place on plastic or stainless steel bar chairs. If placing stainless steel chairs on steel beams, use chairs with plastic-coated feet.
6. Tie with stainless steel wire or an engineer-approved plastic or nonmetallic material.

Do not tie stainless steel reinforcing bars to, or allow contact with, uncoated reinforcing bars or galvanized steel. Maintain at least 1 inch clearance between stainless steel bars or dowels and uncoated or galvanized steel. Where 1 inch clearance is not possible, sleeve bars with a continuous polyethylene or nylon tube at least 1/8 inch thick extending at least 1 inch in each direction and bind with nylon or polypropylene cable ties. Sleeves are not required between stainless steel bars and shear studs. Stainless steel bars can be in direct contact with undamaged epoxy-coated bars.

Cut flush with the top flange or remove uncoated fasteners, anchors, lifting loops, or other protrusions into a bridge deck before casting the deck on prestressed concrete beams.

### **C.2 Splices**

Splice as the plans show. Provide stainless steel couplers conforming to the minimum capacity, certification, proof testing, and written approval requirements of standard spec 550.3.3.4. The contractor may substitute stainless steel couplers for lap splices the plans show if the engineer approves in writing.

If increasing or altering the number or type of bar splices the plans show, provide revised plan sheets to the engineer showing the reinforcement layout, type, length, and location of revised bar splices and revised bar lengths. Obtain engineer approval for the location of new lap splices or substitution of mechanical bar couplers before fabrication. Ensure that new lap splices are at least as long as those the plans show.

## **D Measurement**

The department will measure Bar Steel Reinforcement HS Stainless Structures by the pound acceptably completed, computed from the nominal weights of corresponding sizes for carbon steel deformed bars in AASHTO M31 regardless of stainless steel alloy provided. The department will not measure extra material used if the contractor alters the reinforcement layout as allowed under C.2, extra material for splices or couplers the plans do not show, or the weight of devices used to support or fasten the steel in position.

## **E Payment**

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

| ITEM NUMBER | DESCRIPTION                                     | UNIT |
|-------------|-------------------------------------------------|------|
| 505.0800.S  | Bar Steel Reinforcement HS Stainless Structures | LB   |

Payment for Bar Steel Reinforcement HS Stainless Structures is full compensation for furnishing and placing stainless steel reinforcing bars, including supports. Where the plans specify bar couplers, the department will pay for the length of bars as detailed with no deduction or increase for installation of the coupler.

stp-505-005 (20190618)

## **42. Concrete Staining B-5-416, Item 517.1010.S.01.**

### **A Description**

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

### **B Materials**

#### **B.1 Mortar**

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

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

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

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

#### **B.2 Concrete Stain**

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

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

### **C Construction**

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

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

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

#### **C.2 Preparation of Concrete Surfaces**

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

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

#### **C.3 Staining Concrete Surfaces**

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

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

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

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

#### **C.4 Test Areas**

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

#### **C.5 Surfaces to be Coated.**

Apply concrete stain to the surfaces according to the plan.

#### **D Measurement**

The department will measure Concrete Staining (Structure) in area by the square foot of surface, acceptably prepared and stained.

#### **E Payment**

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

| ITEM NUMBER   | DESCRIPTION               | UNIT |
|---------------|---------------------------|------|
| 517.1010.S.01 | Concrete Staining B-5-416 | SF   |

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

stp-517-110 (20140630)

### **43. Concrete Staining Multi-Color B-5-416, Item 517.1015.S.01.**

#### **A Description**

This special provision describes providing a multi-color concrete stain on the exposed concrete surfaces of the structure as the plan details show.

#### **B Materials**

##### **B.1 Mortar**

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

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

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

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

## **B.2 Concrete Stain**

Use concrete stain manufactured for use on exterior concrete surfaces. Use the following products, or equal as approved by the department:

Tri-Sheen Concrete Surfacers, Smooth by TK Products

Tri-Sheen Acrylic by TK Products

TK-1450 Natural Look Urethane Anti-Graffiti Primers by TK Products

Safe-Cure & Seal EPX by Chem Masters

H&C Concrete Stain Solid Color Water Based by Sherwin-Williams

## **C Construction**

### **C.1 General**

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

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

### **C.2 Preparation of Concrete Surfaces**

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

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

### **C.3 Staining Concrete Surfaces**

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

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

The color of the staining shall produce a multi-color effect that consists of multiple colors replicating varying natural stone coloration. Stain the joints between stones produced by the form liner to create the appearance of grouted joints.

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

### **C.4 Test Areas**

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

### **C.5 Surfaces to be Coated.**

Apply concrete stain to the surfaces according to the plan.



#### **D Measurement**

The department will measure Concrete Staining Multi-Color (Structure) in area by the square foot of surface, acceptably prepared and stained.

#### **E Payment**

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

| ITEM NUMBER   | DESCRIPTION                           | UNIT |
|---------------|---------------------------------------|------|
| 517.1015.S.01 | Concrete Staining Multi-Color B-5-416 | SF   |

Payment is full compensation for furnishing and applying the coloring system; for preparing the concrete surface; and for constructing and staining the sample panels.

stp-517-115 (20140630)

### **44. Architectural Surface Treatment B-5-416, Item 517.1050.S.01.**

#### **A Description**

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

#### **B Materials**

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

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

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

#### **C Construction**

##### **C.1 Equipment**

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

##### **C.2 Form Liner Preparation**

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

Apply form release per manufacturer's recommendations.

##### **C.3 Form Liner Attachment**

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

##### **C.4 Surface Finishing**

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

Grind or fill pouring blemishes.

#### **D Measurement**

The department will measure Architectural Surface Treatment (Structure) in area by the square foot of architectural surface acceptably completed.

## E Payment

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

| ITEM NUMBER   | DESCRIPTION                             | UNIT |
|---------------|-----------------------------------------|------|
| 517.1050.S.01 | Architectural Surface Treatment B-5-416 | SF   |

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

stp-517-150 (20110615)

### 45. Pipe Culverts.

*Supplement standard spec 520.5.2 with the following:*

Furnish and install required additional joint ties and geotextile as shown in plans.

### 46. Storm Sewer.

For work along Marley Street from Station 61+00 'NB' and Station 65+00 'NB' and all of Evergreen Avenue.

*Replace standard spec 608.2.2.3 with the following:*

Furnish trench backfill consisting of native material.

### 47. Storm Sewer Composite.

*Supplement standard spec 608.2.1 with the following:*

Furnish composite pipe made from Type PSM Polyvinyl Chloride (PVC) Sewer Pipe (SDR 35) as set forth in ASTM Designation D-3034.

### 48. Inlet Covers Type T, Item 611.0652.

*Supplement standard spec 611.2 (4) with the following:*

Furnish rubber adjustment rings off the WisDOT approved project list.

*Replace standard spec 611.3.3 (1) with the following:*

Set inlet cover Type T on rubber adjustment riser ring. Use approved mastic adhesive between the ring and the inlet structure. Use an approved polyurethane adhesive with a flexible set between the ring and the inlet cover. Use two 5/16-inch beads of adhesive placed 1 inch and 2 inches in from the outside edge of the ring. If multiple adjustment rings are necessary, a maximum of two adjustment rings can be used. A maximum of 3-inch adjustment is allowed. Use polyurethane adhesive with a flexible set to join the two rings. If the adjustment rings must be cut, the joints must be staggered, and a polyurethane adhesive used to reattach the cut ends. No concrete adjustment rings or mortar is to be placed between the top of the structure and the inlet cover Type T.

### 49. Pipe Grates, Item 611.9800.S.

#### A Description

This special provision describes providing pipe grates on the ends of pipes.

## **B Materials**

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

Furnish pipe grates galvanized according to ASTM A123.

Furnish angles and brackets galvanized according to ASTM A123.

Furnish required hardware galvanized according to ASTM A153.

## **C Construction**

Repair pipes, rods, angles and brackets on which the galvanized coating has been damaged according to the requirements of AASHTO M36M.

## **D Measurement**

The department will measure Pipe Grates in units of work, where one unit is one grate, completed and accepted.

## **E Payment**

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

| ITEM NUMBER | DESCRIPTION | UNIT |
|-------------|-------------|------|
| 611.9800.S  | Pipe Grates | EACH |

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

stp-611-010 (20030820)

## **50. Pipe Underdrain.**

*Delete standard spec 612.2.2, 612.2.4, and 612.2.7.*

*Supplement standard spec 612.3.3 with the following:*

Install underdrain into inlets as shown in plans.

*Replace standard spec 612.5(2) with the following:*

Payment for the Pipe Underdrain bid items is full compensation for providing the underdrain and rubber gaskets; for coring holes into inlet structures; and for excavating and backfilling. The department will pay separately for open-graded trench backfill under the Base Aggregate Open Graded bid item. The department will pay for geotextile separately.

## **51. Crash Cushions Temporary.**

*Supplement standard spec 614.3.4 with the following:*

Locate the manufacturer's foundation pad adjacent to the existing paved shoulder. Provide a transition foundation pad section using a 15:1 taper rate after the required manufacturer's crash cushion pad following the manufacturer's recommended dimensions. Construct this transition piece using identical materials and depths used for the foundation pad. Place aggregate base course behind the transition pad section to blend to existing slopes.

## **52. Fence Safety, Item 616.0700.S.**

### **A Description**

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

## B Materials

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

Furnish fence fabric meeting the following requirements.

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

## C Construction

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

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

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

## D Measurement

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

## E Payment

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

| ITEM NUMBER | DESCRIPTION  | UNIT |
|-------------|--------------|------|
| 616.0700.S  | Fence Safety | LF   |

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

stp-616-030 (20160607)

## 53. Landmark Reference Monuments.

*Supplement standard spec 621.3.1 with the following.*

After installation of monuments and before removal of existing section corners Brown County Surveyor will tie section corner to newly installed monuments. Contact Ryan Duckart at (920) 448-4493 after new monuments are installed and at least 5 working days prior to needing the section corners tied off.

At the completion of construction Brown County will re-establish section corners.

*Replace standard spec 621.3.2.1(1) with the following:*

Under the Landmark Reference Monuments bid item construct cast in place Type A monuments in holes excavated in the ground.

## 54. Salvaged Topsoil.

*Supplement standard spec 625.3.3(1) with the following.*

In areas of Temporary Limited Easements (TLE) in farm fields place a minimum depth of 12-inches of topsoil.

## **55. Furnishing and Planting Plant Materials**

### **A Description**

Perform the work under this item according to the plans, standard spec 632 and as hereinafter provided.

### **B Materials**

#### **B.1 Plant Materials**

*Add the following to standard spec 632.2.2:*

All plants shall be grown within the states of Wisconsin, Minnesota, Michigan, or parts of northern Illinois, Indiana or Ohio located within Zone 5 of the "Plant Hardiness Zone Map" produced by the United States Department of Agriculture, Miscellaneous Publication No. 1475, issued January 1990, unless otherwise approved by the engineer.

#### **B.2 Plant Approval**

*Add the following to standard spec 632.2.2.8:*

Furnish a list of sources for plants according to standard spec 632.2.2.8 before planting begins for fall-planted plants and before March 15 for spring-planted plants. All sources will be subject to verification by the engineer.

#### **B.3 Mulch**

*Replace standard spec 632.2.6 as follows:*

Mulch all plants with 3" double shredded hardwood mulch that is substantially free of noxious weed seeds and objectionable foreign material. Obtain the engineer's approval for the mulch prior to installation.

### **C Construction**

#### **C.1 Planting**

*Replace standard spec 632.3.7(3) with the following:*

Unless specified otherwise, backfill the plant hole with topsoil composed of 6 parts soil to one part compost by volume. Place this soil compost mixture in layers around the roots or ball. Carefully tamp each layer in place in a way that avoids injuring the roots or ball or disturbing the plant position. Remove the burlap and other wrapping materials including, but not limited to, twine, wire baskets, and plastic ribbon, from the entire root ball of B&B plants. Once approximately 2/3 of the plant hole is backfilled, fill the hole with water and allow the soil to settle around the roots. After the water is absorbed, fill the plant hole with topsoil and tamp lightly to grade. Bring any settlement to grade with the topsoil.

#### **C.2 Excavation of Planting Holes**

*Add the following to standard spec 632.3.4:*

The minimum horizontal measurement of the plant hole shall be no less than 24 inches (600mm) greater than the diameter of the ball, container, or root mass for the full depth of the planting hole.

Ensure that the bottom of the hole is adequately compacted to guard against settling. Tamp or water as necessary to create a condition by which plants will not settle in the planting beds. The bottom of the root ball shall be in direct contact with the bottom of the hole.

#### **C.3 Plant Establishment Period**

*Replace standard spec 632.3.18.1.1 with the following:*

A plant establishment period of 1 year shall follow the completion of planting.

## **56. Landscape Planting Surveillance and Care Cycles.**

If the care specialist fails to perform any of the required care cycles as specified in standard spec 632.3.19.1, the department will assess daily damages in the amount of \$500 to cover the cost of performing the work with other forces. The department will assess these damages for each day the requirements of the care cycle remain incomplete, except when the engineer extends the required time period.

stp-632-005 (20070510)

**57. Blue Specific Service Signs.**

*Add the following to standard spec 638.3.4:*

Do not remove or move blue specific service signs or their associated posts. Specific service signs are signs with logos that identify commercial entities providing gas, food, lodging, camping, or attractions. A separate contractor, Interstate Logos - Wisconsin, is responsible for these signs. Contact Interstate Logos - Wisconsin at (844) 496-9163 a minimum of 14 calendar days in advance to coordinate removing, moving, or re-installation of these signs.

The contractor is responsible for damage done to these signs due to contractor operations.

stp-638-010 (20150630)

**58. Pond Liner Clay, Item 640.1303.S.**

**A Description**

This special provision describes furnishing and installing clay liner in areas shown on the plans.

**B Materials**

For each source, prior to excavating and hauling the clay liner to the project, submit the results of the laboratory source screening tests described in Table 1. Laboratory test results of the clay must meet or exceed the requirements before placing material.

Submit source screening test results to the engineer for review, two weeks prior to clay placement.

**C Construction**

**C.1 Clay Liner**

**C.1.1 Subgrade**

Compact the subgrade to the minimum density using standard spec 207.3.6.2 Standard Compaction, or as otherwise specified in the contract requirements.

**C.1.2 Erosion Protection**

Do not place the clay liner until after all adjacent site grading has been completed and only after silt fence has been installed completely around the area of clay liner placement.

**C.1.3 Clay Placement**

After the fine grading is complete, place and compact clay liner in compacted 6-inch lifts. Place each lift of clay liner in one continuous lift. See plans for clay liner construction limits. Measure the thickness of the clay, as shown in the plans, perpendicular to the surface.

Notify the engineer at least three days before starting construction of clay liner.

Table 1

| Reference           | Number   | Test Title                                                                                                                      | Requirements                       | Testing Frequency     |                      |
|---------------------|----------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------|----------------------|
|                     |          |                                                                                                                                 |                                    | Source Screening      | Project Testing      |
| AASHTO <sup>1</sup> | T99-01   | Moisture –Density Relationships of Soils Using a 2.5-kg (5.5 lb) Rammer a 305 mm (12-in.) Drop (Standard Proctor)               | NA                                 | 1/source              | NA                   |
| AASHTO              | T-88-00  | Particle Size Analysis of Soils                                                                                                 | $P_{200}^3 \geq 50\%$              | 2/source              | 1/lift               |
| AASHTO              | T-89-02  | Determining the Liquid Limit of Soils                                                                                           | $LL^4 \geq 22\%$                   | 2/source              | 1/lift               |
| AASHTO              | T-90-00  | Determining the Plastic Limit and Plasticity Index of Soils                                                                     | $PI^5 \geq 12\%$                   | 2/source              | 1/lift               |
| AASHTO              | T310-03  | In-Place Density and Moisture Content of Soils and Soil-Aggregates by nuclear Methods (Shallow Depth)                           | $DD^6 \geq 95\%$ of the $MDD^7$    | NA                    | 100'x100' Grid/lift  |
| ASTM <sup>2</sup>   | D5084-03 | Standard Test Methods for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter | $K^8 \leq 1 \times 10^{-7}$ cm/sec | 1/source <sup>9</sup> | 1/site <sup>10</sup> |

## Notes:

1. AASHTO = American Association of State Highway and Transportation Officials
2. ASTM = American Society of Testing and Materials
3.  $P_{200}$  = Percent by weight passing the #200 sieve (%)
4. LL = Liquid Limit (%)
5. PI = Plasticity Index (%)
6. DD = Dry Density (pcf)
7. MDD = Maximum Dry Density (pcf) as determined by the Standard Proctor Test
8. K = Hydraulic Conductivity (cm/sec)
9. The sample for the test shall be remolded at a minimum dry density of 95% of the maximum dry density as determined by the Standard Proctor test and at a moisture content required to achieve the required hydraulic conductivity, but with a minimum moisture content at or above the optimum moisture content as determined in the Standard Proctor test.
10. An undisturbed sample from a thinned walled sampler (Shelby tube)

Compact the clay liner to a minimum of 95% Standard Proctor AASHTO T-99 Maximum Dry Density with footed compaction equipment having feet at least as long as the loose lift height. As needed, clay shall be disked or otherwise mechanically processed before compaction to break up clods and allow moisture content adjustment. Clod size shall be no greater than 4 inches. All compaction equipment utilized shall have a minimum static weight of 30,000 pounds.

Provide all equipment necessary to adjust clay liner to the proper moisture content for compaction.

Make sufficient number of passes of the compaction equipment over each lift of clay to ensure complete remolding of the clay.

Do not proceed with placement of additional lifts until all required clay liner testing and documentation has been completed for the previous lift.

During placement of the clay liner the minimum moisture content shall be as defined by the testing performed in the source screening evaluation and with the following limits:

- No drier than the optimum moisture content as determined by the Standard Proctor test.

If the in-place clay liner fails to meet the requirements of Table 1, then remove and replace or rework any portion of the clay liner not meeting the project requirements until project specifications are met. There shall be no compensation for removing, replacing and reworking clay not meeting the requirements in Table 1.

#### **C.1.4 Project Testing and Acceptance**

Perform all project testing at the frequency shown in Table 1 except for project testing for ASTM D5084-03 Standard Test Methods for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter, which will be done by the department. Record clay liner thickness on a 100 foot x 100 foot grid pattern.

Provide the following:

- Access for on-site testing, inspection, and documentation.
- Machinery required to grade/blade density test locations.
- Machinery required to collect undisturbed clay samples (i.e., with Shelby tubes).
- Replace and recompact clay material removed for testing purposes.

Perform sampling, testing, and documentation for project testing in Table 1, required under this provision using HTCP certified technicians. Have a HTCP Grading Technician I (GRADINGTEC-I); or Assistant Certified Technician, Grading (ACT-GRADING); or Aggregate Technician I (AGGTEC-I); or Assistant Certified Technician, Aggregate (ACT-AGG) present at each grading site during all clay liner placement, compaction, and sampling/testing activities. Have a HTCP Nuclear Density Technician I (NUCDENSITYTEC-I) or Assistant Certified Technician, Nuclear Density Gauge Operator (ACT-NUC) perform field density and field moisture content testing.

If an Assistant Certified Technician (ACT) is performing sampling or testing, a certified technician must coordinate and take responsibility for the work an ACT performs. Have a certified technician ensure that all sampling and testing is performed correctly, analyze test results, and post resulting data. No more than one ACT can work under a single certified technician.

Perform all project testing with a department approved laboratory.

#### **C.1.5 Department Testing**

The department will perform the project testing for ASTM D5084-03 Standard Test Methods for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter.

#### **D Measurement**

The department will measure Pond Liner Clay in volume by the cubic yards, 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 |
|-------------|-----------------|------|
| 640.1303.S  | Pond Liner Clay | CY   |

Payment is full compensation for dewatering areas of site where the clay liner is to be placed; for furnishing, placing and compacting the clay liner; and for performing all tests.

### **59. Field Office.**

*Add the following to standard spec 642:*

For field offices without handwashing facilities, provide and maintain a portable handwashing station at every project field office. The station shall include a hands-free sink with foot pump-operated faucet, soap dispenser, paper towel dispenser, fresh water supply, and collection tank for gray water. Regularly service and maintain the handwashing station and all supplies as needed, and properly dispose of all materials. Costs associated with the handwashing station are incidental to the field office bid item.



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

### **A Description**

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

### **B (Vacant)**

### **C Construction**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## **C.5 Continuous Operation**

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

### **D (Vacant)**

### **E Payment**

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

stp-643-010 (20100709)

## **61. Traffic Control.**

Perform this work conforming to standard spec 643, and as the plans show, or as the engineer approves, except as follows.

Submit to engineer for approval a detailed traffic control plan for any changes to the proposed traffic control detail as the plans show. Submit this plan 10 days before the preconstruction conference.

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

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

Conduct operations in such a manner that causes the least interference and inconvenience to the free flow of vehicles on the roadways. This includes the following:

Do not park or store any vehicle, piece of equipment, or construction materials on the right-of-way, unless otherwise specified in the traffic control article or without approval of the engineer.

All construction vehicles and equipment entering or leaving live traffic lanes shall yield to through traffic.

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

Do not disturb, remove or obliterate any traffic control signs, advisory signs, shoulder delineators or beam guard in place along the traveled roadways without the approval of the engineer. Immediately repair or replace any damage done to the above during the construction operations at contractor expense.

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

ner-643-065 (20190410)

## **62. Construction Staking Slope Stakes, Item 650.9920.**

*Add the following to standard spec 650.3.13:*

Provide plan horizontal and vertical locations for the back edge of sidewalk at each slope stake location.

## **63. Install Conduit Into Existing Item, Item 652.0700.S.**

### **A Description**

This special provision describes installing proposed conduit into an existing manhole, pull box, junction box, communication vault, or other structure.

## **B Materials**

Use 2-Inch, 1 per location, as provided and paid for under other items in this contract. Furnish backfill material, topsoil, fertilizer, seed, and mulch conforming to the standard spec.

## **C Construction**

Expose the outside of the existing structure without disturbing existing conduits or cabling. Drill the appropriate sized hole for entering conduits at a location within the structure without disturbing the existing cabling and without hindering the installation of new cabling within the installed conduit. Fill void area between the drilled hole and conduit with an engineer-approved filling material to protect against conduit movement and entry of fill material into the structure. Tamp backfill into place.

## **D Measurement**

The department will measure Install Conduit Into Existing System by the unit, acceptably installed. Up to five conduits entering a structure per entry point into the existing structure will be considered a single unit. Conduits in excess of five, or conduits entering at significantly different entry points into the existing pull box, manhole, or junction box will constitute multiple units of payment.

## **E Payment**

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

| ITEM NUMBER | DESCRIPTION                        | UNIT |
|-------------|------------------------------------|------|
| 652.0700.S  | Install Conduit Into Existing Item | EACH |

Payment is full compensation for excavating, drilling holes; furnishing and installing all materials, including bricks, coarse aggregate, sand, bedding, and backfill; for excavating and backfilling; and for furnishing and placing topsoil, fertilizer, seed, and mulch in disturbed areas; for properly disposing of surplus materials; and for making inspections.

stp-652-070 (20100709)

## **64. Electrical Service for WisDOT Roundabout Lighting at STH 29 (EB & WB) & CTH VV.**

### **A Description**

Work under this item shall be according to Section 656 of the Standard Specifications with the following addition.

### **B (Vacant)**

### **C Construction**

The contractor is responsible for making early application for the installation of the electric service lateral.

Contact the local electric company to make application and request a time of use meter. The future monthly invoices can go to the following address:

STH 29 EB and CTH VV to:

Wisconsin Dept of Transportation  
Expenditure Acct (L05-2025)  
P.O. Box 7366  
Madison, WI 53707-7366

STH 29 WB and CTH VV to:

Wisconsin Dept of Transportation  
Expenditure Acct (L05-2045)  
P.O. Box 7366  
Madison, WI 53707-7366

### **D (Vacant)**

### **E Payment**

The contractor shall pay the utility company promptly for the electric service lateral installation cost.

**65. Electrical Service Meter Breaker Pedestal CB100, Item 656.0200.01;  
Electrical Service Meter Breaker Pedestal CB200, Item 656.0200.02.**

*Amend standard spec 656.2.3 by adding the following:*

Furnish meter pedestal with black painted finish. Paint meter pedestal using an epoxy primer and topcoat to match the lighting control cabinet finish.

**66. Transformer Bases Breakaway 11 1/2-Inch Bolt Circle, Item 657.0255.**

*Amend standard spec 657.2.6(1) adding the following:*

Furnish all bases with a manufacturer applied black anodized finish. Bases anodized after purchase from the manufacturer will not be accepted without approval from the Engineer.

**67. Poles Type 5-Aluminum, Item 657.0322.**

*Replace standard spec 657.2.1.4(3) with the following:*

Incorporate vibration dampers in all poles.

*Amend standard spec 657.2.1.4 by adding the following:*

Furnish all poles with a manufacturer applied black anodized finish. Poles anodized after purchase from the manufacturer will not be accepted without approval from the Engineer. Pole cap, nut covers, and associated materials shall have a matching anodized finish.

**68. Luminaire Arms Truss Type 4 1/2-Inch Clamp 12-FT, Item 657.0710.**

*Amend standard spec 657.2.4.1 by adding the following:*

Furnish all arms with a manufacturer applied black anodized finish. Arms anodized after purchase from the manufacturer will not be accepted without approval from the Engineer. Brackets, fittings, and associated materials shall have a matching anodized finish.

**69. Luminaires Utility LED A, Item 659.1115.**

*Amend standard spec 659.2 by adding the following:*

Furnish all luminaires with black colored housing.

**70. Lighting Control Cabinets 120/240 30-Inch, Item 659.2130.**

*Amend standard spec 659.2 by adding the following:*

Exterior surfaces and hardware of lighting control cabinets shall be pretreated with an iron phosphate coating and powder coat painted black and dried by radiant heat.

**71. Install Pole Mounted Cabinet, Item 673.0225.S.**

**A Description**

This special provision describes installing department furnished aluminum enclosures on poles for intelligent transportation systems equipment.

**B Materials**

Use stainless steel bolts, nuts, and washers unless otherwise specified.

All conductors, terminals, and parts that could be hazardous to maintenance personnel shall be protected with suitable insulating material.

The cabinet will be equipped with service panels. Two panels shall be provided and mounted on the cabinet sidewalls. The left side panel shall be designated as "Input/Communications," and the right side panel shall be designated as the "Service Panel."

The service panel will be equipped with a four-outlet handi-box. Wire the handi-box to the series portion of the filtering surge protector.

Use metallic conduit, fittings, and adapters required from the underground conduit transition point to the cabinet as part of this item. A typical installation requires on 2-inch conduit. Use metallic conduit conforming to standard spec 652.

### **C Construction**

Fasten the field cabinet securely onto a pole. Provide bolted stainless steel connections with lock washers, locking nuts, or other engineer-approved means to prevent the connection nuts from backing off. Isolate dissimilar materials from one another using stainless steel fittings. Make all power connections to the cabinet as specified in standard spec 656.

Drill and tap the cabinet, as necessary, to mount the terminal blocks and other attachments to the service panel, to provide an entrance on the back of the cabinet for cable from the pole mounted intelligent transportation systems equipment, and to mount the service panel to the cabinet as shown in the details. Remove all sharp edges or burrs, or both, caused by the cutting or drilling process. Seal all openings to prevent water from entering the cabinet. Mount the surge protector to the service panel.

Install metallic conduit on the exterior of the pole (for entrance to the cabinet from the ground) as the plans show, and according to the applicable requirements of standard spec 652.

### **D Measurement**

The department will measure Install Pole Mounted Cabinet as each individual assembly, 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 |
|-------------|------------------------------|------|
| 673.0225.S  | Install Pole Mounted Cabinet | EACH |

Payment is full compensation for installing the pole mounted cabinet; for making all connections and conduit/wire entrances; and for all testing.

stp-673-010 (20100630)

## **72. Optimized Aggregate Gradation Incentive, Item 715.0710.**

### **Description**

This special provision describes optional contractor optimized aggregate gradation, optional optimized mixture designs, and associated additional requirements for class 1 concrete used in concrete pavements. Conform to standard specification part 7 and as follows:

### **Optimized Aggregate Gradation**

*Replace standard spec 715.2.2 with the following:*

A Job Mix Formula (JMF) contains all of the following:

- Proportions for each aggregate fraction conforming to table 1.
- Individual gradations for each aggregate fraction.
- Composite gradation of the combined aggregates including working ranges on each sieve according to table 2.

Submit the target JMF and aggregate production gradation test results to the engineer for review 10 business days before initial concrete placement.

**TABLE 1 TARANTULA CURVE GRADATION BAND**

| SIEVE SIZES | PERCENT RETAINED |
|-------------|------------------|
| 2 in.       | 0                |
| 1 1/2 in.   |                  |

resolutions. If QV test results conform to the specification, the department will take no further action. If QV test results are nonconforming, add the QV to the QC test results as if it were an additional QC test.

If, during concrete production, the moving average of four for any sieve fall outside the allowable JMF working range do the following:

1. Notify the engineer of the test results within 1 business day from the time of sampling.
2. Make immediate adjustments to the JMF, within the limits specified in Table 3;
3. Review JMF adjustments with the engineer. Both the contractor and engineer will sign the adjusted JMF if the adjustments comply with Table 3.
4. If the moving average of four falls outside the adjusted allowable working range, stop production and provide a new mix design including JMF to the engineer.

**TABLE 3 ALLOWABLE JMF ADJUSTMENTS**

| SIEVE SIZES    | ALLOWABLE ADJUSTMENT<br>(PERCENT) |
|----------------|-----------------------------------|
| $\geq$ No. 4   | +/- 5                             |
| No. 8 – No. 30 | +/- 4                             |
| No. 50         | +/- 3                             |
| No. 100        | +/- 2                             |

### **Dispute Resolution**

The department will resolve disputes as specified in standard spec 106.3.4.3.5 using QV split samples.

### **Sublot and Lot Size**

A sublot consists of up to 1,500 cubic yards. A lot consists of two sublots.

### **Optimized Concrete Mixtures**

The contractor may use a reduced cementitious content for concrete pavement placed if the contractor does the following:

1. Use an optimized aggregate gradation as defined in this special provision.
2. Conform to the additional testing requirements for flexural strength as specified in the contract special provisions.
3. Submit aggregate gradation result records no more than 2 years old when developing the mix design.
4. Determine the volume of voids in the optimized aggregates using ASTM C29.
5. Download and follow the instructions tab of the Optimized Gradation and Mix Design Spreadsheet located at:  
<https://wisconsin.gov/Pages/doing-business/eng-consultants/cns-rcs/qmp/default.aspx>
6. Design an appropriate paste content based upon the Performance-based PCC Mix Design Guide located at:  
<https://wisconsin.gov/Pages/doing-business/eng-consultants/cns-rcs/qmp/default.aspx>
7. Provide a minimum  $V_{paste}/V_{voids}$  of 1.25. (Paste/Void ratio equals the volume of paste divided by the volume of voids.).
8. Evaluate workability of trial batches by following section 6.8 of AASHTO Draft Performance Engineered Concrete Pavement Mixtures Specifications located at:  
<https://wisconsin.gov/Pages/doing-business/eng-consultants/cns-rcs/qmp/default.aspx>
9. Submit trial batch workability results when submitting the mix design.
10. Submit the CP Tech center computer spreadsheet concrete mix design to the engineer for review at least 3 business days before producing concrete.
11. Provide a minimum cement content of 520 pounds per cubic yard, except if using type I, II, or III cement in a mix where the geologic composition of the coarse aggregate is primarily igneous or metamorphic materials, provide a minimum cement content of 660 pounds per cubic yard.
12. The contractor may use class C fly ash or grade 100 or 120 slag as a partial replacement for cement. For binary mixes use up to 30% fly ash or slag. For ternary mixes use up to 30% fly ash plus slag in combination. Replacement values are in percent by weight of the total cementitious material in the mix.
13. See CMM 8-70.2.2.3 for additional guidance.

## Measurement

The department will measure Optimized Aggregate Gradation Incentive by the dollar, for each combined averaged lot of QC test results meeting Table 1.

## Payment

The department will pay incentive of 3 percent of the contract unit price for concrete pavement under the following bid item:

| ITEM NUMBER            | DESCRIPTION                             | UNIT |
|------------------------|-----------------------------------------|------|
| 715.0710               | Optimized Aggregate Gradation Incentive | DOL  |
| stp-715-005 (20191121) |                                         |      |

### 73. Crack and Damage Survey, Item 999.1500.S.

#### A Description

This special provision describes conducting a crack and damage survey of the residences and business located a:

498 Triangle Drive, Green Bay, WI 54313

1555 Marley Street, Green Bay, WI 54313

This Crack and Damage Survey shall consist of two parts. The first part, performed before construction activities, shall include a visual inspection, digital images, and a written report describing the existing defects in the building(s) being inspected. The second part, performed after the construction activities, shall also include a visual inspection, digital images, and written report describing any change in the building's condition.

#### B (Vacant)

#### C Construction

Before any construction activities, thoroughly inspect the building structures for existing defects, including interior and exterior walls. Electronically submit a written report with the inspector's name, date of inspection, descriptions and locations of defects, and digital images. The intent of the written report and digital images is to procure a record of the general physical condition of the building's interior and exterior walls and foundation.

Use a digital camera capable of producing sharp, grain free, high-contrast colored digital images with good shadow details. Label each digital image with the following information:

ID: \_\_\_\_\_  
Building Location: \_\_\_\_\_  
View looking: \_\_\_\_\_  
Date: \_\_\_\_\_  
Photographer: \_\_\_\_\_

Before the start of any construction activities related to this survey, submit a copy of the written report and digital images to the engineer electronically.

After the construction activities are complete, conduct another survey in the same manner, take digital images, and submit another written report to the engineer electronically.

Instead of digital images, a digital video camera capable of producing sharp, high contrast, colored digital video with good shadow detail may be used to perform this work.

#### D Measurement

The department will measure Crack and Damage Survey as single complete lump sum unit of work, 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 |
|-------------|-------------------------|------|
| 999.1500.S  | Crack and Damage Survey | LS   |



Payment is full compensation for providing the before and after written reports, and for photographs or video.

stp-999-010 (20170615)

#### 74. **Flexural Strength for Concrete Mix Design.**

This special provision describes optional testing requirements for flexural strength during the mix design process. Conform to standard spec part 7 as modified in this special provision.

*Add the following to standard spec table 701-2:*

| TEST                          | TEST STANDARD |
|-------------------------------|---------------|
| Flexural Strength of Concrete | AASHTO T97    |

*Replace standard spec 715.2.3.1(1) with the following:*

- (1) Provide both compressive and flexural strength information to demonstrate the strength of the proposed mix design. Use either laboratory strength data for new mixes or field strength data for established mixes as follows:
1. Use at least 5 pairs of cylinders for compressive strength. Demonstrate that the 28-day compressive strength will equal or exceed the 85 percent within limits criterion specified in standard spec 715.5.2.
  2. Use at least 5 pairs of beams for flexural strength. Demonstrate that the 28-day flexural strength will equal or exceed 650 psi.

stp-715-010 (20170615)

#### 75. **Planting Soil Mixture, Item SPV.0035.01.**

##### **A Description**

This special provision describes furnishing and installing Planting Soil Mixture at the locations shown on the plans and according to the requirements of standard spec 632, the plans, and as hereinafter provided.

##### **B Materials**

Furnish planting soil mix conforming to standard spec 632.2.3.4

##### **C Construction**

Remove compacted base from within 6 inches of curbs and pavement of planting beds. Loosen subgrade of planting beds to a minimum depth of 12". Remove stones larger than 1 inch in any dimension and sticks, roots, rubbish, and other extraneous matter. Thoroughly blend planting soil mix off-site before spreading. Do not spread frozen, muddy, or excessively wet planting soil or subgrade. Spread approximately one-third the thickness of planting soil mix over loosened subgrade. Mix thoroughly into top 6 inches of subgrade. Spread planting soil mix, in maximum of 6 inch lifts, to a minimum depth of 12" but not less than required to meet finish grades after natural settlement. Grade planting beds to a smooth, uniform surface plane with loose, uniformly fine texture. Roll and rake, remove ridges, and fill depressions to meet finish grades

##### **D Measurement**

The department will measure Planting Soil Mixture by the cubic yard, acceptably completed.

##### **E Payment**

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

| ITEM NUMBER | DESCRIPTION           | UNIT |
|-------------|-----------------------|------|
| SPV.0035.01 | Planting Soil Mixture | CY   |

Payment is full compensation for furnishing and placing all materials, including excavation, disposal, hauling, placing, grading.

**76. Foundation Backfill, Item SPV.0035.02.**

**A Description**

This special provision describes providing foundation backfill that conforms to standard spec 520.

**B Materials**

Furnish Foundation Backfill according to standard spec 520.2.5.2.

**C Construction**

Place foundation backfill in layers no more than 8 inches thick after compaction to the top of the subgrade. Mechanically compact the entire length of each layer to the same degree as the material abutting the trench.

**D Measurement**

The department will measure Foundation Backfill by the cubic yard, acceptably completed.

**E Payment**

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

| ITEM NUMBER | DESCRIPTION         | UNIT |
|-------------|---------------------|------|
| SPV.0035.01 | Foundation Backfill | CY   |

Payment is full compensation for placing, shaping and compacting.

ner-520-025 (20190409)

**77. Manholes 10-FT Diameter, Item SPV.0060.01.**

**A Description**

This special provision describes the constructing a 10-foot manhole as shown on plans and directed by the engineer and as hereinafter provided.

**B Materials**

Furnish materials according to standard spec 611.2 and conforming to AASHTO M199.

Provide drawings stamped by a professional engineer registered in the State of Wisconsin for manhole design.

**C Construction**

Construct according to standard spec 611.3.

**D Measurement**

The department will measure Manholes 10-FT Diameter as each individual unit, acceptably completed.

**E Payment**

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

| ITEM NUMBER | DESCRIPTION             | UNIT |
|-------------|-------------------------|------|
| SPV.0060.01 | Manholes 10-FT Diameter | EACH |

Payment is full compensation for providing materials, including masonry, sewer connections, steps, and other fittings; for excavating, backfilling, disposing of surplus material, and for cleaning out and restoring the work site.

**78. Inlets 6-FT Diameter, Item SPV.0060.02.**

**A Description**

This special provision describes the constructing a 6-foot diameter inlet as shown on plans and directed by the engineer and as hereinafter provided.

**B Materials**

Furnish materials according to standard spec 611.2.

Provide drawings stamped by a professional engineer registered in the State of Wisconsin for manhole design.

**C Construction**

Construct according to standard spec 611.3.

**D Measurement**

The department will measure Inlets 6-FT Diameter as each individual unit, acceptably completed.

**E Payment**

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

| ITEM NUMBER | DESCRIPTION          | UNIT |
|-------------|----------------------|------|
| SPV.0060.02 | Inlets 6-FT Diameter | EACH |

Payment is full compensation for providing materials, including masonry, sewer connections, steps, and other fittings; for excavating, backfilling, disposing of surplus material, and for cleaning out and restoring the work site.

**79. Apron Endwalls for Culvert Pipe Steel 10-Inch, Item SPV.0060.03.****A Description**

This special provision describes providing and installing apron endwalls as shown on plans and directed by the engineer and as hereinafter provided.

**B Materials**

Furnish materials according to standard spec 521.2.

**C Construction**

Construct according to standard spec 521.3.

**D Measurement**

The department will measure Apron Endwalls for Culvert Pipe Steel 10-Inch as each individual unit, acceptably completed.

**E Payment**

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

| ITEM NUMBER | DESCRIPTION                                   | UNIT |
|-------------|-----------------------------------------------|------|
| SPV.0060.03 | Apron Endwalls for Culvert Pipe Steel 10-Inch | EACH |

Payment is full compensation for providing all materials; and for excavating, constructing the foundation, disposing of surplus material, and backfilling.

**80. Outfall Structure 2x2-FT, Item SPV.0060.04;  
Outfall Structure 3x3-FT, Item SPV.0060.05;  
Outfall Structure 3x6-FT, Item SPV.0060.06.****A Description**

This special provision describes the constructing pond outlet structure as shown on plans and directed by the engineer and as hereinafter provided.

## **B Materials**

Furnish materials according to standard spec 611.2.

Provide drawings stamped by a professional engineer registered in the State of Wisconsin for steel reinforcing design.

## **C Construction**

Construct according to standard spec 611.3.

## **D Measurement**

The department will measure Outfall Structure (type) as each individual unit, acceptably completed.

## **E Payment**

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

| ITEM NUMBER | DESCRIPTION              | UNIT |
|-------------|--------------------------|------|
| SPV.0060.04 | Outfall Structure 2x2-FT | EACH |
| SPV.0060.05 | Outfall Structure 3x3-FT | EACH |
| SPV.0060.06 | Outfall Structure 3x6-FT | EACH |

Payment is full compensation for providing materials, including masonry, trash grates, sewer connections, steps, and other fittings; for excavating, backfilling, disposing of surplus material, and for cleaning out and restoring the work site.

## **81. Rock Crib CTH TS Pond, Item SPV.0060.07; Rock Crib CTH VV Pond, Item SPV.0060.08; Rock Crib Evergreen Ave Pond, Item SPV.0060.09.**

### **A Description**

This special provision describes the constructing pond rock crib as shown on plans and directed by the engineer and as hereinafter provided.

### **B Materials**

Furnish materials according to standard spec 645.2.

Furnish PVC underdrain with hole size and location as shown plan and meeting ASTM D3034 Sewer SDR35.

Furnish clean, washed, sound, hard, dense, durable, field or quarry stone which is free from seams, cracks, or other structural defects. It shall be angular material from shot rock (blasted) or crushed rock having a majority (90%) of faces, which have resulted from artificial crushing meeting the following gradation:

| Sieve Size | % Passing by Weight |
|------------|---------------------|
| 7"         | 100                 |
| 6"         | 90                  |
| 4"         | 75                  |
| 3"         | 10                  |

### **C Construction**

Excavate rock crib area, place geosynthetic type DF, and then place stone and underdrain, including cleanouts as shown in plans. Rock crib should be encapsulated with geosynthetic type DF.

Construct according to standard spec 645.3.

### **D Measurement**

The department will measure Rock Crib (location) as each individual unit, acceptably completed.

## **E Payment**

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

| ITEM NUMBER | DESCRIPTION                  | UNIT |
|-------------|------------------------------|------|
| SPV.0060.07 | Rock Crib CTH TS Pond        | EACH |
| SPV.0060.08 | Rock Crib CTH VV Pond        | EACH |
| SPV.0060.09 | Rock Crib Evergreen Ave Pond | EACH |

Payment is full compensation for providing materials, including underdrain and cleanouts; for excavating, backfilling, disposing of surplus material, and for cleaning out and restoring the work site.

Castings Type J-S, salvaged topsoil, and finishing items will be paid for separately under pertinent bid items.

## **82. Construction Staking Pond Layout, Item SPV.0060.10.**

### **A Description**

This work describes staking for each pond according to the pertinent requirements of standard spec 650 and as hereinafter provided.

### **B (Vacant)**

### **C Construction**

Set and maintain construction stakes or marks necessary in order to establish the horizontal and vertical features of the pond construction according to the plans.

Construct accordance with standard spec 650.3.1.1.

### **D Measurement**

The department will measure Construction Staking Pond Layout as each individual unit of work, 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.0060.10 | Construction Staking Pond Layout | EACH |

Payment is according to standard spec 650.5 and includes full compensation for staking each pond; for resetting damaged or missing construction stakes; and for protecting and reestablishing stakes.

## **83. Storm Sewer Plug 12-Inch, Item SPV.0060.12; Storm Sewer Plug 21-Inch, Item SPV.0060.13; Storm Sewer Plug 24-Inch, Item SPV.0060.14.**

### **A Description**

This work describes installing a Storm Sewer Plug at locations specified in the plans.

### **B Materials**

Provide a precast reinforced concrete plug or an engineer approved alternative, conforming to the inside diameter of the corresponding pipe as shown on the plan.

All materials, if concrete, must conform to standard spec 501 and standard spec 611.

### **C Construction**

Place a watertight plug in the end of the storm sewer pipe in a manner that seals the pipe but allows for future removal of plug without damaging the storm sewer pipe.

## D Measurement

The department will measure Storm Sewer Plug as each individual unit, acceptably completed.

## E Payment

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

| ITEM NUMBER | DESCRIPTION              | UNIT |
|-------------|--------------------------|------|
| SPV.0060.12 | Storm Sewer Plug 12-Inch | EACH |
| SPV.0060.13 | Storm Sewer Plug 21-Inch | EACH |
| SPV.0060.14 | Storm Sewer Plug 24-Inch | EACH |

Payment is full compensation for providing materials, including masonry, and other fittings; for excavating, backfilling, disposing of surplus material, and for cleaning out and restoring the work site.

(NER11-0217)

## 84. Cable Splice, Item SPV.0060.20.

### A Description

This special provision describes providing Individual fusion splice fiber optic cable strand that includes splice case, tray, heat shrink protector and testing.

### B Materials

Furnish Commscope/TYCO FOSC600-D series case FOSC-600-D8B-NT-0-DOV, Splice Tray FOSC-ACC-D-TRAY-72 and Splice protection sleeve with steel reinforcing rod AFL S015915 or approved equal).

### C Construction

Install cables into splice case per manufacturer requirements at locations identified on plans.

Fusion Splice the fiber optic cables at each of the splice points identified on the plans. All cable strand splicing will be performed using a fusion splice machine that is capable of splicing within a 0.1dB loss tolerance and equipped with either live monitoring or a Local Injection Detection (LID) testing system, thus ensuring the splice quality while the splice is set up in the machine.

All splices will be protected with appropriate fusion splice sleeves fitted with steel-reinforcing rod(s) (provided by the contractor).

Following the splicing and termination procedures test each spliced strand using an Optical Time Domain Reflectometer (OTDR) at 1310nm and 1550nm. OTDR event thresholds must be set to show all events greater than 0.01db to will allow the inspector to review all splices or anomalies that register greater than 0.01 along the trace. Prior to the OTDR testing the contractor must provide a copy of the OTDR viewing software that is capable of allowing a user to electronically review the test results. Following the OTDR testing provide the engineer with one electronic copy of each test performed. Prior to testing, the contractor will be provided with the strand identification and labeling plan, the electronic copies of the test results must match the labeling scheme provided. All tests must be saved with origination point, end point, and strand number identified within the trace name. Abbreviations for sites are recommended.

## D Measurement

The department will measure Cable Splice by each splice, 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 | Cable Splice | EACH |

Payment is full compensation for providing for providing all materials and equipment for cable splicing; and for all required testing and providing test results.

## **85. Handhole, Item SPV.0060.21.**

### **A Description**

This special provision describes providing and installing flush mount handhole, ground rod, locate post, and ground wire.

### **B Materials**

Furnish the following:

- Handhole Quazite PG3048BB36 case and Quazite PG3048HH21 ANSI Tier 22 2-piece cover
- 5-foot x 1/2-Inch copper bonded ground rod vNent Erico 615880 or approved equal.
- Locate Post Pro-Mark Utility Supply Inc.'s Pro-Mark Model PM-TS3 or approved equal.
- Furnish materials that are according to the requirements of standard spec 628.2.
- Furnish materials that are according to the requirements of standard spec 630.2.

### **C Construction**

Handholes must sit parallel with adjacent streets, buildings, or other structures and must be flush with all surrounding surfaces, and if installed on a slope or grade the handhole must follow the contour of the grade as much as possible.

The installed handholes must sit atop a 12-Inch bed of 3/4-Inch washed, crushed stone for drainage. Pea gravel or other stone smaller than 3/4-Inch is not allowed as base for drainage. All fill around the handhole must be mechanically compacted in 12-Inch layers to within 8" from the top to prevent settling.

Inside each new handhole install a single 5-foot long by 1/2-inch diameter copper clad ground rod. The ground rod must not protrude more than 6-inches above the surface of the crushed stone bed. After ground rod installation, equip the top with a conductor clamp that will tie the locate post ground wire to the end.

Install above grade locate posts adjacent to handhole identified on the plan. The locate post will be used to access the locate wires for future locating purposes. Between the handhole and locate post install a short length of 1-1/4" corrugated innerduct. This will facilitate the installation of the locate wires into the station from the handhole. At no time will a locate station be installed in a location where it impedes or can be damaged by the removal of the handhole lid. All locate wires must be routed into the locate post and secured to the posts' s insulating lugs via a crimp-on spade connector. The outer lugs are for use with locate wires that run in either direction from the locate post, while the center lug is used to for the ground wire routed in from the ground rod located inside the adjacent handhole.

Stake locations of all handholes before installation for engineer approval on exact locations.

### **D Measurement**

The department will measure Handhole by each handhole, 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 | Handhole    | EACH |

Payment is full compensation for providing handhole, ground road, locate post, crushed stone, and all required materials; and for excavating, backfilling, and restoring the grade.

## **86. Concrete Control Cabinet Base NER Type 10, Item SPV.0060.30.**

### **A Description**

This work shall be according to the requirements of standard spec 654, the plans, and as hereinafter provided.

### **B Materials**

Use materials according to standard spec 654.2.

### **C Construction**

Construct according to standard spec 654.3.

### **D Measurement**

The department will measure Concrete Control Cabinet Base NER Type 10 as each individual unit, acceptably completed.

### **E Payment**

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

| ITEM NUMBER | DESCRIPTION                               | UNIT |
|-------------|-------------------------------------------|------|
| SPV.0060.30 | Concrete Control Cabinet Base NER Type 10 | EACH |

Payment is full compensation according to standard spec 654.5.

- 87. Grasses, Feather Reed Grass (Karl Foerster), CG, #1, Item SPV.0060.40;  
Perennials, Russian Sage, CG, #1, Item SPV.0060.41;  
Perennials, Professor Kippenbeg Aster, CG, #1, Item SPV.0060.42;  
Perennials, Purple Gas Plant, CG, #1, Item SPV.0060.43;  
Perennials, Butterfly Flower, CG, #1, Item SPV.0060.44;  
Perennials, 'Bravado' Coneflower, CG, #1, Item SPV.0060.45;  
Perennials, 'Fireball' Monarda, CG, #1, Item SPV.0060.46;  
Perennials, 'Autumn Fire' Sedum, CG, #1, Item SPV.0060.47;  
Perennials, 'Stella D' Oro' Daylilly, CG, #1, Item SPV.0060.48;  
Perennials, 'Autumn Joy' Sedum, CG, #1, Item SPV.0060.49;  
Perennials, Moonshine Yarrow, CG, #1, Item SPV.0060.50.**

### **A Description**

This special provision describes providing perennial plantings at locations the plans show. Conform to standard spec 632 and as follows.

### **B Materials**

Provide Perennial Plants, as shown on plan, and complying with American Standard for Nursery Stock (ANSI Z60.1-2004) for type, shape, and height.

Plant Materials. All plants shall be grown within the states of Wisconsin, Minnesota, Michigan, or parts of northern Illinois, Indiana or Ohio located within Zone 5 of the "Plant Hardiness Zone Map" produced by the United States Department of Agriculture, Miscellaneous Publication No. 1475, issued January 1990, unless otherwise approved by the engineer.

Furnish a list of sources for plants as specified in standard spec 632.2.2.8 before planting begins for fall-planted plants and before March 15 for spring-planted plants. All sources will be subject to verification by the engineer.

Provide type B fertilizer.

### **C Construction**

Ensure that Planting Mixture has been placed according to the standard specifications.

Stake out location of plantings for approval by supervising engineer.

Ensure that the bottom of the hole is adequately compacted to guard against settling. Tamp or water in as necessary to create a condition by which plants will not settle in the planting beds. The bottom of the rootball shall be in direct contact with the bottom of the hole.

Install Perennial Plants and mulching as the plans show.

### **D Measurement**

The department will measure Perennials, (Type), (Size) by the unit, acceptably complete in place.



## E Payment

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

| ITEM NUMBER | DESCRIPTION                                         | UNIT |
|-------------|-----------------------------------------------------|------|
| SPV.0060.40 | Grasses, Feather Reed Grass (Karl Foerster), CG, #1 | EACH |
| SPV.0060.41 | Perennials, Russian Sage, CG, #1                    | EACH |
| SPV.0060.42 | Perennials, Professor Kippenbeg Aster, CG, #1       | EACH |
| SPV.0060.43 | Perennials, Purple Gas Plant, CG, #1                | EACH |
| SPV.0060.44 | Perennials, Butterfly Flower, CG, #1                | EACH |
| SPV.0060.45 | Perennials, 'Bravado' Coneflower, CG, #1            | EACH |
| SPV.0060.46 | Perennials, 'Fireball' Monarda, CG, #1              | EACH |
| SPV.0060.47 | Perennials, 'Autumn Fire' Sedum, CG, #1             | EACH |
| SPV.0060.48 | Perennials, 'Stella D' Oro' Daylily, CG, #1         | EACH |
| SPV.0060.49 | Perennials, 'Autumn Joy' Sedum, CG, #1              | EACH |
| SPV.0060.50 | Perennials, Moonshine Yarrow, CG, #1                | EACH |

Payment is full compensation for providing, transporting, handling, storing, pruning, placing, and replacing plant materials; for excavating all plant holes, salvaging topsoil, mixing, and backfilling; for providing and applying all required fertilizer, weed barrier fabric, mulch, water, wrapping, guys and braces, rodent protection, herbicides and anti-desiccant spray; and for removing guys and braces.

Payment for the Planting Mixture bid item used in planting and Shredded Hardwood Bulk Mulch will be paid for separately.

## 88. Planting Pod, Item SPV.0060.60.

### A Description

This special provision describes installing planting pods as shown on the plans and as hereinafter provided.

### B Materials

#### B.1 Welded Wire Mesh

Furnish woven wire fabric composed of 11-gauge line and stay wires with an opening size of 2"x4". Provide steel conforming to standard spec 616.2.2.1(2). Furnish fittings and fasteners that meet the requirements of standard spec 616.2.2.

#### B.2 Framework

Provide hardwood posts that meet the requirements of standard spec 616.2.2.6.

*Replace 616.2.2.6 (1) with the following:*

Furnish 2"x2" wood posts manufactured from one of the wood species listed in 614.2.5.

#### B.3 Polytwine

Furnish polytwine material that is new and free of imperfections.

### C Construction

Construct planting pods according to the detail drawing provided in the plans and following manufacturer's recommendations. The wire mesh shall be installed and pulled taught to provide a smooth and uniform appearance free from sag.

Assemble the planting pods prior to placing around wetland vegetation and install pods after planting of the wetland vegetation. The installation shall be completed on the same day of the plantings and shall not damage the newly planted vegetation. Pods that are not installed on the same day of plantings will not be paid.

Monitor and maintain planting pods from the time of planting until final acceptance of work. Remove and dispose of planting pods after acceptance of wetland plantings. All wetland plantings require a two-year warranty period for establishment of wetland plantings.

## D Measurement

The department will measure Planting Pod as each individual planting pod, 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.0060.60 | Planting Pod | EACH |

Payment is full compensation for furnishing and installing planting pods; for maintaining the pods until final acceptance; and for removing the planting pods after final acceptance.

## 89. Submergent Wetland Plantings, Item SPV.0060.61; Emergent Wetland Plantings, Item SPV.0060.62.

### A Description

This special provision describes installing submergent and emergent wetland plantings as shown on the plans and as hereinafter provided.

### B Materials

All plants shall be guaranteed to be true to species. Plant only Wisconsin native species.

#### B.1 Submergent Zone (18-30" Water Depth)

| <u>Binomial Names</u> | <u>Common Names</u> | <u>Plant*<br/>Height</u> | <u>Maximum**<br/>Water Depth</u> | <u>Comments</u> |
|-----------------------|---------------------|--------------------------|----------------------------------|-----------------|
| Nymphaea sp.          | Yellow waterlily    |                          | 30"                              | Class C Weed    |
| Nymphaea odorata      | White waterlily     |                          | 60"                              | Class C Weed    |

\* Plant height is plant height above and below water line.

\*\* Maximum water depth at which plant can be planted.

#### B.2 Shallow Emergent Zone Plants (0-10" Water Depth)

| <u>Binomial Names</u> | <u>Common Names</u>    | <u>Plant*<br/>Height</u> | <u>Maximum**<br/>Water Depth</u> | <u>Comments</u> |
|-----------------------|------------------------|--------------------------|----------------------------------|-----------------|
| Scirpus Fluviatilis   | River bulrush          | 24-60"                   | 4"                               |                 |
| Acorus calamus        | Sweet flag             | 12"                      | 6"                               |                 |
| Eleocharis obtusa     | Three blunt spike rush | 12"                      | 6"                               |                 |
| Peltandra virginica   | Arrow arum             | 18"                      | 6"                               |                 |
| Vernonia Arkansas     | Iron Weed              | ---                      | ---                              |                 |
| Alisma L.             | Water plantain         | 8-36"                    | 6"                               |                 |
| Iris Versicolor       | Blueflag iris          | 24-36"                   | 6"                               |                 |
| Juncus effuses        | Soft rush              | 36"                      | 6"                               |                 |
| Scirpus cyperinus     | Wool grass             | 36"                      | 6"                               |                 |

\* Plant height is plant height above and below water line.

\*\* Maximum water depth at which plant can be planted.

### B.3 Deep Emergent Zone Plants (0-18" Water Depth)

| <u>Binomial Names</u> | <u>Common Names</u>  | <u>Plant*<br/>Height</u> | <u>Maximum**<br/>Water Depth</u> | <u>Comments</u> |
|-----------------------|----------------------|--------------------------|----------------------------------|-----------------|
| Calla palustris       | Water Arum           | 24"                      | 12"                              |                 |
| Sagittaria latifolia  | Arrowhead            | 32"                      | 12"                              |                 |
| Sparganium eurycarpum | Giant burrhead       | 48"                      | 12"                              |                 |
| Sirpus americanus     | Three square bulrush | 60"                      | 12-18"                           |                 |
| Carex lurida          | Bottlebrush sedge    | 36"                      | 12-20"                           |                 |
| Pontederia cordata    | Pickersweed          | 36-48"                   | 12-20"                           |                 |
| Scirpus validus       | Softstem bulrush     | 3-9'                     | 12-20"                           |                 |
| Schoenoplectus acutus | Hard stem bulrush    | 3-9'                     | 12-20"                           |                 |
| Asclepias incarnata   | Marsh milkweed       | 48"                      | 24"                              |                 |

\* Plant height is plant height above and below water line.

\*\* Maximum water depth at which plant can be planted.

### C Construction

The contractor shall provide staff that is thoroughly familiar with wetland planting. Installation shall take place between May 1 and June 30 of calendar year 2021. Installation shall not take place when the ground is frozen and when conditions are otherwise unsatisfactory.

The method for access to the planting areas must be approved by the engineer prior to implementation.

#### C.1 Submergent Wetland Plantings

The submergent plants shall be planted in the submergent zone adjacent to the planting pods as indicated on the plans. These plantings are not to be protected with pods. Plant the top of the tuber flush with the sediment and secure it into the ground with a 1 foot long wire staple. The contractor may draw down the water level to facilitate the planting process with the approval of the engineer.

Only one species of submergent plants is to be planted. Submergent zone species shall be planted parallel to the shoreline at a rate of one plant per 1 ½ feet. The quantity shall be evenly distributed adjacent to the planting pods.

#### C.2 Emergent Wetland Plantings

The emergent wetland plants shall be planted in the shallow emergent zone and the deep emergent zone as indicated. The plants are to be surrounded by the planting pods immediately after planting.

Emergent zone species shall be planted in groups of 40 plants in each pod at a density of one plant every 4 square feet. A minimum of three varieties of the shallow and deep emergent zone plants shall be planted in each pod. No one species shall make up more than 50% of either emergent zone.

#### C.3 Maintenance

Properly care for all plants from the time of planting until final acceptance of work.

#### C.4 Plant Establishment Period

Provide a two-year plant establishment period for the adequate establishment of submergent and emergent vegetation. The submergent and emergent plant zones should produce 70% survival of the planting area at the end of the two-year plant establishment period. Survival shall be determined by a stem count.

Re-plant areas that do not produce 70% survival. Use the same materials and method of replacement planting specified for the original planting. The department will not charge contract time during the plant establishment period or when making replacements, unless other contract operations are in progress during the same period.

### D Measurement

The department will measure Wetland Plantings as each individual planting, 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.0060.61 | Submergent Wetland Plantings | EACH |
| SPV.0060.62 | Emergent Wetland Plantings   | EACH |

Payment is full compensation for furnishing and installing wetland plants, and for maintaining the plantings until final acceptance.

## **90. Concrete Curb & Gutter 24-Inch Type D, Item SPV.0090.01.**

### **A Description**

This special provision describes the installation of Concrete Curb & Gutter 24-Inch Type D, as shown on the plans, directed by the engineer, and as hereinafter provided.

### **B Materials**

Furnish materials that are according to the requirements of standard spec 601.2.

### **C Construction**

Construct according to the requirements of standard spec 601.3 and as shown on the plans.

### **D Measurement**

The department will measure Concrete Curb & Gutter 24-Inch Type D according to standard spec 601.4.

### **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 | Concrete Curb & Gutter 24-Inch Type D | LF   |

Payment is full compensation according to standard spec 601.5.

## **91. Fence Chain Link Polymer-Coated 6-Ft., Item SPV.0090.02.**

### **A Description**

This special provision describes furnishing and installing a new polymer-coated fence system on structures in conforming to the pertinent plan details and as directed by the engineer. The color of all components in this fence system shall be the same and shall be as specified on the plans.

### **B Materials**

All materials for this fence system shall be new stock, free from defects impairing strength, durability, and appearance. Fabric shall be produced by methods recognized as good commercial practice. Wire used in the manufacture of the fabric shall be capable of being woven into fabric without the polymer-coating cracking or peeling. Pipes used in framework shall be straight, true to standard spec and free of defects. All burrs at the ends of pipes shall be removed before galvanizing. The polymer-coating shall be a dense impervious covering, applied without voids, tears or cuts that reveal the substrate. Excessive roughness, bubbles, blisters and flaking in the polymer-coating will be a basis for rejection.

#### **B.1 Fabric**

Provide steel chain link fence fabric conforming to the requirements of ASTM F668, Class 2b, a polymer-coating fused and adhered to wire that is zinc-coated. Provide fabric woven from 9-gage wire using plan specified mesh size, diamond pattern, with both the top and bottom selvages knuckled. The minimum breaking strength of the wire shall be 1290 lbs. The color of polymer-coating shall conform to the requirements of ASTM F934.

## B.2 Framework

Provide steel rails, posts and post sleeves conforming to the requirements of ASTM F1083, Standard Weight Pipe (Schedule 40) of the size (O.D.) and weight as shown on the plans. The minimum yield strength shall be 30,000 psi and the minimum tensile strength shall be 48,000 psi. These components shall be zinc-coated inside and outside by the hot-dip process as stated in ASTM F1083. Provide polymer-coating over zinc-coating conforming to ASTM F1043. The color of polymer-coating shall conform to the requirements of ASTM F934, and match the color of the other fence components. Weld base plate to posts or post sleeves and complete any additional welding of components before galvanizing.

## B.3 Fittings

Provide end post caps, line post caps, top rail sleeves, rail ends, line rail clamps, brace bands, tension bands, tension bars, and tie wires that are steel and conform to the requirements of ASTM F626. Tie wires shall be round and 9-gage wire. These components (excluding tie wires) shall be zinc-coated by the hot-dip process as stated in ASTM F626. Provide polymer-coating over zinc-coating on components (excluding tie wires) that conforms to the requirements of ASTM F626. For tie wires, provide polymer-coating on wire that is zinc-coated using the same procedure as used for the wires in the fence fabric. End post caps and line post caps shall fit tightly over posts to prevent moisture intrusion. Supply dome style caps for end posts and loop type caps for line posts. The color of polymer-coating shall conform to the requirements of ASTM F934, and match the color of the other fence components.

## B.4 Bolts

All bolts are to be supplied with lock washers and nuts. Use galvanized steel bolts, nuts and washers per plan details.

## B.5 Tests

### B.5.1 Fabric and Tie Wire

|                                     |                  |
|-------------------------------------|------------------|
| Breaking Strength:                  | ASTM A370        |
| <u>Zinc-Coating Requirements</u>    |                  |
| Weight of Zinc-Coating:             | ASTM A90         |
| <u>Polymer-Coating Requirements</u> |                  |
| Thickness of Polymer-Coating:       | ASTM F668        |
| Adhesion:                           | ASTM F668        |
| Accelerated Aging Test:             | ASTM F668, D1499 |
| Mandrel Bend Test:                  | ASTM F668        |

### B.5.2 Framework

|                                     |                   |
|-------------------------------------|-------------------|
| Tensile and Yield Strength:         | ASTM E8           |
| <u>Zinc-Coating Requirements</u>    |                   |
| Weight of Zinc-Coating:             | ASTM A90          |
| <u>Polymer-Coating Requirements</u> |                   |
| Thickness of Polymer-Coating:       | ASTM E376         |
| Adhesion:                           | ASTM F1043        |
| Accelerated Aging Test:             | ASTM F1043, D1499 |

### B.5.3 Fittings

|                                     |                                                |
|-------------------------------------|------------------------------------------------|
| <u>Zinc-Coating Requirements</u>    |                                                |
| Weight of Zinc-Coating:             | ASTM A90                                       |
| <u>Polymer-Coating Requirements</u> |                                                |
| Thickness of Polymer-Coating:       | ASTM F626                                      |
| Adhesion:                           | ASTM F1043 (same test as for framework)        |
| Accelerated Aging Test:             | ASTM F1043, D1499 (same test as for framework) |

## **B.6 Submittals**

In addition to the engineer, send submittals listed in this section to the name below for informational purposes:

David Nelson  
WisDOT (Bureau of Structures)  
4822 Madison Yards Way  
Madison, WI 53705

### **B.6.1 Shop Drawings**

Submit shop drawings showing the details of fence construction. Show the fence height, post spacing, rail location, and all dimensions necessary for the construction of the chain link fence. Label the end posts, line posts, rails, post sleeves, top rail sleeves, bolts and fittings. State the polymer-coating type used on the fabric, framework and fittings and the Class of coating used on the fabric. State the color of polymer-coating to be used on the fence components. For the fabric, state the wire gage, mesh size, and type of selvages used. For the framework, state the size (O.D.) and unit weight for the posts and rails. For the fittings, state the size for top rail sleeves, brace bands, tension bands, tension bars, line rail clamps, size and type of bolts, and the tie wire gage. State the material type used for fabric, framework, and fittings. Also give the breaking strength for the fabric wire and the tensile and yield strength properties for the framework.

### **B.6.2 Specification Compliance**

Submit certification of compliance with material specifications. Provide material certification and test documentation for fabric, framework, fittings and hardware that shows that all materials meet or exceed the specifications of this contract and the tests in section B5 of this specification. This document shall provide the name, address and phone number of the manufacturer, and the name of a contact person.

## **C Construction**

### **C.1 Delivery, Storage and Handling**

Deliver material to the site in an undamaged condition. Upon receipt at the job site, all materials shall be thoroughly inspected to ensure that no damage occurred during shipping or handling and condition of materials is in conformance with these specifications. If polymer-coating is damaged, contractor shall repair or replace components as necessary to the approval of the engineer at no additional cost to the Owner. Carefully store material off the ground to ensure proper ventilation and drainage and to provide protection against damage caused by ground moisture. Handle all polymer-coated material with care.

### **C.2 Touch-up and Repair**

For minor damage caused by shipping, handling or installation to polymer-coated surfaces, touch-up the finish conforming to the manufacturer's recommendations. Provide touch-up coating such that repairs are not visible from a distance of 6-feet. If damage is beyond repair, the fencing component shall be replaced at no additional cost to the Owner. The contractor shall provide the engineer with a copy of the manufacturer's recommended repair procedure and materials before repairing damaged coatings.

### **C.3 General**

Install the chain link fence conforming to ASTM F567 and the manufacturer's instructions. The contractor shall provide staff that is thoroughly familiar with the type of construction involved and materials and techniques specified. Chain link fabric shall be installed on the side of the posts indicated on the plans. Fabric shall be attached to the end posts with tension bars and tension bands. It shall be attached to rails, and posts without tension bands, with tie wires. The fabric shall be installed and pulled taut to provide a smooth and uniform appearance free from sag, without permanently distorting the fabric diamond or reducing the fabric height. Install top rail to pass through line post caps and form a continuous brace between end posts. Minimum length of top rail between splices shall be 20-feet. Splice top rail at joints with sleeves for a rigid connection. Locate splices near 1/4-point of post spacing. Heads of bolts shall be on the side of the fence adjacent to pedestrian traffic.

## **D Measurement**

The department will measure Fence Chain Link Polymer-Coated 6-Ft. by the linear foot, acceptably furnished and installed.

## 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 | Fence Chain Link Polymer-Coated 6-Ft. | LF   |

Payment is full compensation for fabricating, galvanizing and polymer-coating all fence components, and transporting to jobsite; and for erecting components to create a polymer-coated fence system, including any touch-up and repairs.

## 92. Steel Casing Pipe 20-Inch, Item SPV.0090.03.

### A Description

This special provision describes furnishing and installing a Steel Casing Pipe with pipe end caps under CTH VV. Complete this work according to the pertinent subsections of standard spec 520, as shown in the plans and construction details, and as hereinafter provided; or as directed by the engineer.

### B Materials

Furnish pipe made of steel that has a plain end and pipe end caps, a minimum thickness of 0.281", minimum yield strength of 35,000 psi, and conforms to ASTM A106 Grade B or ASTM A252 Grade 2. Furnish pipe that has welded joints, is in at least 18 feet long sections (except for the last section, if a shorter length is needed to obtain the total length).

Exterior coating shall be bituminous asphalt, minimum 3-5 MDFT. All damaged or disturbed surfaces shall be field repaired with specified coating.

Welding requirements shall be according to ANSI/AWWA C206. Welding shall be done by a skilled welder, welding operators, and tackers who have had adequate experience in the type of materials to be used. Welders shall be qualified under the provisions of ANSI/AWS D1.1 by an independent local, approved testing agency not more than 6 months prior to commencing work on the casing or pipeline. Machine and electrodes similar to those used in the work shall be used in qualification tests.

Furnish bedding and cover material as shown in the plans and conforming standard spec 501.2.5.3.4.

### C Construction

*Supplement standard spec 520.3 with the following:*

Install Smooth Steel Casing Pipe 20-Inch without bends and butt-weld all joints between pipe lengths with a smooth non-obstructing joint inside.

Install welded steel pipe end caps to both ends of the casing pipe.

### D Measurement

The department will measure Steel Casing Pipe 20-Inch by the linear foot, acceptably completed, measured along the centerline of the pipe from end of the pipe to end of the pipe.

## E Payment

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

| ITEM NUMBER | DESCRIPTION               | UNIT |
|-------------|---------------------------|------|
| SPV.0090.03 | Steel Casing Pipe 20-Inch | LF   |

Payment is full compensation for furnishing and installing steel pipe and pipe end caps including butt-welding; performing all excavating and backfilling; for constructing the foundation; for associated dewatering.

## 93. Concrete Curb Type G Modified, Item SPV.0090.04.

### A Description

This special provision describes constructing concrete curb, according to the details shown in the plans, the requirements of standard spec 601.

**B Materials**

Provide materials that conform to the requirements of standard spec 601.2.

**C Construction**

Construct according to the requirements of standard spec 601.3.

**D Measurement**

The department will measure Concrete Curb Type G Modified by the linear foot, acceptably completed.

**E Payment**

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

| ITEM NUMBER | DESCRIPTION                   | UNIT |
|-------------|-------------------------------|------|
| SPV.0090.04 | Concrete Curb Type G Modified | LF   |

Payment will be made according to standard spec 601.5.

**94. Storm Lateral 4-Inch, Item SPV.0090.05.****A Description**

This special provision describes providing storm sewer lateral as shown in the plans and hereinafter provided.

**B Materials**

Furnish schedule 40, polyvinyl chloride pipe conforming to the requirements of ASTM D1785/D2665.

Furnish flexible watertight tee connector which is compression fit into a core drilled opening. Provide Kor-N-Tee by NPC or approved equal.

Furnish Valvco Tracer Wire Access Box or approved equal.

Furnish copper clad steel, 14 gage, 30 volt, magnetic detectable conductor wire with a brightly colored HDPE covering, white for storm. Provide Copperhead Industries "#14 CCS High Strength Soft Drawn 250#" or approved equal.

Backfill to conform to standard spec 608.2.

**C Construction**

Perform construction operations according to standard spec 608.3.

Underground tracer wire is required. Comply with the plan details.

**D Measurement**

The department will measure Storm Lateral 4-Inch by the lineal foot acceptably completed.

**E Payment**

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

| ITEM NUMBER | DESCRIPTION          | UNIT |
|-------------|----------------------|------|
| SPV.0090.05 | Storm Lateral 4-Inch | LF   |

Payment is full compensation for providing storm sewer pipe, tracer wire, access box; for excavating; for providing sheeting and shoring; for constructing the foundation and backfilling; for cleaning out; connecting the lateral to inlet; for restoring the work site; and all incidentals necessary to complete the contract work.

**95. Marking Line Yield Epoxy 18-Inch, Item SPV.0090.06.****A Description**

This work includes applying Marking Line Yield Line Epoxy 18-Inch according to plan details, standard spec 646, and as hereinafter provided.



**B Materials**

Furnish materials for the work that conform to the requirements of standard spec 646.2.

**C Construction**

Use construction methods that are according to standard spec 646.3.

**D Measurement**

The department will measure Marking Line Yield Line Epoxy 18-Inch by the linear foot, acceptably completed.

**E Payment**

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

| ITEM NUMBER | DESCRIPTION                           | UNIT |
|-------------|---------------------------------------|------|
| SPV.0090.06 | Marking Line Yield Line Epoxy 18-Inch | LF   |

Payment is full compensation according to standard spec 646.5.

**96. HDPE Conduit 1.25-Inch and 2-Inch Directional Bored, Item SPV.0090.20.****A Description**

This special provision describes providing and directional bore installed HDPE conduit.

**B Materials**

Furnish orange, smooth wall, high-density polyethylene (HDPE) conduit according to the following:

- 1.25-Inch manufactured by Carlon, part number A6C6N1JNNA or approved equal.
- 2-Inch manufactured by Carlon, part number A13C6N1JNNA or approved equal.

Furnish tracer wire consisting of 12 AWG high-density polyethylene (HDPE) jacketed, steel core copper clad wire, Pro-Trace HDD-CCS-PE45 or approved equal.

Furnish materials that are according to the requirements of standard spec 628.2, 629.2, and 630.2.

**C Construction**

All ducts must maintain a minimum horizontal clearance zone of 18" when paralleling other underground utilities with the exception of water and sewer (storm and sanitary) mains where parallel runs must maintain minimum municipal clearances. All underground ducts must be placed a minimum of 36" below finished grade. Municipal depth requirements must be maintained when crossing roadways. Minimum depth of 60" must be maintained when crossing waterways.

Install locate wire with each duct. Locate wire can be placed outside of the duct.

Provide and maintain instrumentation which will accurately locate bore hole position in X, Y, and Z axis relative to ground surface. Provide access to this data at all times during the operation to the engineer.

At a minimum surround bore pit and splice pit areas with silt fence.

Control sediment filled water from leaving the work area by the use of rock bags, temporary ditch checks, inlet protection, or any other engineer approved device.

Restore all disturbed areas with seed mixture #20, fertilizer type B, and cover with Class I Type B erosion mat.

Install erosion control devices according to standard spec 628.3.

Fertilizer according to standard spec 630.3

Seed according to standard spec 630.3.

All grass/softscape restorations must be completed within 5 working days of the completion of excavations in the immediate area.

It is advised to videotape each area of construction just prior to the work being performed to document all pre-existing conditions.

Expose existing utilities as necessary to conduct conduit installation operations.

#### **D Measurement**

The department will measure HDPE Conduit 1.25-Inch and 2-Inch Directional Bored by the linear foot, acceptably completed.

#### **E Payment**

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

| ITEM NUMBER | DESCRIPTION                                         | UNIT |
|-------------|-----------------------------------------------------|------|
| SPV.0090.20 | HDPE Conduit 1.25-Inch and 2-Inch Directional Bored | LF   |

Payment is full compensation for providing, hauling, and installing materials including conduit and tracer wire; for pullwires or ropes; for providing all materials; for excavating, bedding, backfilling, and restoration of ground to original condition including covering with seed, fertilizer, and erosion mat; for exposing any existing utilities include all potholing; and for making inspections.

Erosion control items of silt fence, rock bags, temporary ditch checks, and inlet protection will be paid for separately under each pertinent item.

### **97. HDPE Conduit 1.25-Inch and 2-Inch Vibratory Plowed, Item SPV.0090.21.**

#### **A Description**

This special provision describes providing and vibratory plowed HDPE conduit.

#### **B Materials**

Furnish orange, smooth wall, high-density polyethylene (HDPE) conduit according to the following:

- 1.25-Inch manufactured by Carlon, part number A6C6N1JNNA or approved equal.
- 2-Inch manufactured by Carlon, part number A13C6N1JNNA or approved equal.

Furnish tracer wire consisting of 12 AWG high-density polyethylene (HDPE) jacketed, steel core copper clad wire, Pro-Trace HDD-CCS-PE45 or approved equal.

Furnish materials that are according to the requirements of standard spec 628.2, 629.2, and 630.2.

#### **C Construction**

All ducts must maintain a minimum horizontal clearance zone of 18" when paralleling other underground utilities with the exception of water and sewer (storm and sanitary) mains where parallel runs must maintain minimum municipal clearances. All underground ducts must be placed a minimum of 36" below finished grade possible. Municipal depth requirements must be maintained when crossing roadways. Minimum depth of 60" must be maintained when crossing waterways.

Install locate wire with each duct. Locate wire can be placed outside of the duct.

At a minimum surround bore pit and splice pit areas with silt fence.

Control sediment filled water from leaving the work area by the use of rock bags, temporary ditch checks, inlet protection, or any other engineer approved device.

Restore all disturbed areas with seed mixture #20, fertilizer type B, and cover with Class I Type B erosion mat.

Install erosion control devices according to standard spec 628.3.

Fertilizer according to standard spec 630.3

Seed according to standard spec 630.3.

All grass/softscape restorations must be completed within 5 working days of the completion of excavations in the immediate area.

It is advised to videotape each area of construction just prior to the work being performed to document all pre-existing conditions.

Expose existing utilities as necessary to conduct conduit installation operations.

#### **D Measurement**

The department will measure HDPE Conduit 1.25-Inch and 2-Inch Vibratory Plowed by the linear foot, acceptably completed.

#### **E Payment**

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

| ITEM NUMBER | DESCRIPTION                                        | UNIT |
|-------------|----------------------------------------------------|------|
| SPV.0090.21 | HDPE Conduit 1.25-Inch and 2-Inch Vibratory Plowed | LF   |

Payment is full compensation for providing, hauling, and installing materials including conduit and tracer wire; for pullwires or ropes; for providing all materials; for excavating, bedding, backfilling, and restoration of ground to original condition including covering with seed, fertilizer, and erosion mat; for exposing any existing utilities include all potholing; and for making inspections.

Erosion control items of silt fence, rock bags, temporary ditch checks, and inlet protection will be paid for separately under each pertinent item.

### **98. 432 Strand Fiber Optic Cable, Item SPV.0090.22.**

#### **A Description**

This special provision describes providing and installing 432 strand fiber optic cable.

#### **B Materials**

Furnish OS2 Singlemode Loose Tube All-dielectric outdoor rated fiber optic cable - 432 Strands.

Furnish Panduit PST-FO labels or approved equal.

#### **C Construction**

Install the fiber optic cable by hand or with the use of pneumatic/hydraulic installation equipment. However, the means of installation, care must be taken to not exceed the cable's maximum pulling tension. When using a mechanical tugger provide the ability to monitor the pulling tensions to ensure the maximum is not exceeded at any time during the installation.

Utilize multiple breakaway/swivel devices while installing the fiber optic cables. Employ steel pulling sleeves/guides at the duct entry point to protect the duct and cable from damage during the installation process.

At each handhole store a minimum of 100 feet of cable slack (unless otherwise noted on the plans) neatly coiled in the handhole and labeled at each end with a permanent label, identifying the Cable Owner and the Strand Count.

Prior to cable installation, perform "pre-acceptance testing" with an Optical Time Domain Reflectometer (OTDR) on each fiber optic cable strand. The pre-acceptance testing will verify the performance of the cable prior to it being installed. Pre-acceptance testing must be performed on every cable strand at 1310nm and 1550nm only from the exposed end of the cable. Test results must be provided to the engineer at least 5 working days prior to the cable installation.

#### **D Measurement**

The department will measure 432 Strand Fiber Optic Cable by the linear foot, acceptably completed.

#### **E Payment**

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

| ITEM NUMBER | DESCRIPTION                  | UNIT |
|-------------|------------------------------|------|
| SPV.0090.22 | 432 Strand Fiber Optic Cable | LF   |

Payment is full compensation for providing fiber optic cable and labeling tags; for providing all materials and equipment for cable installation; and for all required testing and providing test results.

**99. 216 Strand Fiber Optic Cable, Item SPV.0090.23.**

**A Description**

This special provision describes providing and installing 216 strand fiber optic cable.

**B Materials**

Furnish OS2 Singlemode Loose Tube All-dielectric outdoor rated fiber optic cable - 216 Strands.

Furnish Panduit PST-FO labels or approved equal.

**C Construction**

Install the fiber optic cable by hand or with the use of pneumatic/hydraulic installation equipment. However, the means of installation, care must be taken to not exceed the cable's maximum pulling tension (typically 600lbs). When using a mechanical tugger provide the ability to monitor the pulling tensions to ensure the maximum is not exceeded at any time during the installation.

Utilize multiple breakaway/swivel devices while installing the fiber optic cables. Employ steel pulling sleeves/guides at the duct entry point to protect the duct and cable from damage during the installation process.

At each handhole store a minimum of 100 feet of cable slack (unless otherwise noted on the plans) neatly coiled in the handhole and labeled at each end with a permanent label, identifying the Cable Owner and the Strand Count.

Prior to cable installation, perform "pre-acceptance testing" with an Optical Time Domain Reflectometer (OTDR) on each fiber optic cable strand. The pre-acceptance testing will verify the performance of the cable prior to it being installed. Pre-acceptance testing must be performed on every cable strand at 1310nm and 1550nm only from the exposed end of the cable. Test results must be provided to the engineer at least 5 working days prior to the cable installation.

**D Measurement**

The department will measure 216 Strand Fiber Optic Cable by the linear foot, acceptably completed.

**E Payment**

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

| ITEM NUMBER | DESCRIPTION                  | UNIT |
|-------------|------------------------------|------|
| SPV.0090.23 | 216 Strand Fiber Optic Cable | LF   |

Payment is full compensation for providing fiber optic cable and labeling tags; for providing all materials and equipment for cable installation; and for all required testing and providing test results.

**100. Remove RCUT Lighting Equipment, Item SPV.0105.01.**

**A Description**

This work shall consist of removing the existing RCUT lighting equipment from the intersection on STH 29 and CTH VV and returning it to the WisDOT NE Region Facility at 944 Vanderperren Way, Green Bay, WI as shown in the plans and according to the requirements of standard spec 657 and 658, standard detail drawings, and as hereinafter provided.

**B (Vacant)**

**C Construction**

After coordination with the NE Region Electrical Unit, disconnect the existing lighting equipment from the concrete bases and transported off site to the WisDOT facility.

**D Measurement**

The department will measure Remove RCUT Lighting Equipment by the lump sum, 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.0105.01 | Remove RCUT Lighting Equipment | LS   |

Payment is full compensation for removal and transporting to the WisDOT.

## **101. Grading and Shaping Temporary Connection Road, Item SPV.0105.02.**

### **A Description**

This special provision describes grading and shaping temporary roadway.

### **B (Vacant)**

### **C Construction**

Grade and shape embankment slopes for intersections at the locations shown on the plans. Furnish materials and construct conforming to the following:

|                                               |     |
|-----------------------------------------------|-----|
| Common excavation and material disposal ..... | 205 |
| Embankment .....                              | 207 |
| Borrow .....                                  | 208 |
| Construction Staking .....                    | 650 |

### **D Measurement**

The department will measure Grading and Shaping Temporary Connection Road as a single lump sum 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.0105.02 | Grading and Shaping Temporary Connection Road | LS   |

Payment is full compensation for construction staking, excavating, grading, shaping, and compacting; and for providing fill.

## **102. Traffic Control Project 9200-10-72, Item SPV.0105.20.**

### **A Description**

This special provision describes providing, maintaining, repositioning, and removing temporary traffic control devices according to standard spec 643, as shown in the plans, and as directed by the engineer.

### **B Materials**

Furnish according to standard spec 643.2.

### **C Construction**

Conform to standard spec 643.3.

### **D Measurement**

The department will measure Traffic Control Project 9200-10-72 by the lump sum, 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.0105.20 | Traffic Control Project 9200-10-72 | LS   |

Payment is full compensation for providing, constructing, assembling, painting, hauling, erecting, re-erecting, maintaining, restoring, and removing traffic signs, drums, barricades, and similar control devices, including arrow boards, unless provided otherwise; and for partially or fully covering or uncovering signs.

**103. Construction Staking Broadband Fiber, Item SPV.0105.21.**

**A Description**

This work describes staking for broadband fiber according to the pertinent requirements of standard spec 650 and as hereinafter provided.

**B (Vacant)**

**C Construction**

Set and maintain construction stakes or marks necessary in order to establish the horizontal locations of all handholes according to the plans.

Set construction stakes before start of operations. Place construction stakes or pins for offsetting the broadband fiber reference line at 100-foot intervals, minimum, or as the engineer directs

Construct accordance with standard spec 650.3.1.1.

**D Measurement**

The department will measure Construction Broadband Fiber by the lump sum, 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 | Construction Staking Broadband Fiber | EACH |

Payment is according to standard spec 650.5 and includes full compensation for staking; for resetting damaged or missing construction stakes; and for protecting and reestablishing stakes.

**104. Hardwood Bulk Mulch, Item SPV.0180.01.**

**A Description**

Furnish and install mulch at the locations shown on the plans and according to the requirements of standard spec 632, the plans, and as hereinafter provided.

**B Materials**

Provide Shredded Hardwood Bark Mulch, as shown on plan and according to standard spec 632.2.6.

Shredded Hardwood Bark Mulch shall be finely shredded hardwood bark mulch and shall be the product of a mechanical chipper, hammermill or tub grinder. The material shall be fibrous and uniformly dark brown in color, free of large wood chunks, and shall be substantially free of mold, dirt, sawdust, and foreign material. No portion of the material shall be in an advanced state of decomposition. The material shall not contain chipped up manufactured boards or chemically treated wood, including but not limited to wafer board, particle board, and chromated copper arsenate (CCA) or penta-treated wood. The material shall contain no bark of the black walnut tree. The material, when air dried, shall all pass a 4-inch screen and no more than 20 percent by mass of the material shall pass a 0.10-inch sieve. Unattached bark or greenleaf composition, either singly or combined, shall not exceed 20 percent each by mass. The maximum length of individual pieces shall not exceed 4-inches.

**C Construction**

Install mulch according to standard spec 632.3.9 to a depth of 3 inches.

Place the hardwood bark mulch in such a manner as to not damage plants already in place.

**D Measurement**

The department will measure Shredded Hardwood Bark Mulch 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 |
|-------------|---------------------|------|
| SPV.0180.01 | Hardwood Bark Mulch | SY   |

Payment is full compensation for furnishing and installing all materials.

## **105. Concrete Base SHES 9-Inch, Item SPV.0180.02.**

### **A Description**

This special provision describes providing special high early strength concrete base. Conform to standard spec 320 and as follows.

### **B Materials**

Furnish concrete as specified in standard spec 416.2.

### **C Construction**

Place concrete as specified in standard spec 320.3

### **D Measurement**

The department will measure Concrete Base SHES 9-Inch 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 |
|-------------|---------------------------|------|
| SPV.0180.02 | Concrete Base SHES 9-Inch | SY   |

The department will pay for Concrete Base SHES as specified in standard spec 320.5.

## **106. Colored and Stamped Concrete 4-Inch, Item SPV.0180.03.**

### **A Description**

This special provision describes providing colored and stamped concrete pavement according to standard spec 405 and 716, as shown on the plans, and as hereinafter provided.

Concrete contractor must have experience successfully installing stamped and colored concrete and shall provide, upon engineer's request, a written list of references specific to stamped and colored concrete projects in the upper Midwest.

### **B Materials**

#### **B.1 Concrete**

Conform to standard spec 405.2 and as follows:

Integrally color the concrete using non-fading synthetic iron oxides conforming to ASTM C979. Follow color pigment manufacturers recommendations for minimum and maximum percentage of loading by weight of the cementitious materials in the mix.

The integral color shall be buff and shall closely match to Federal Standard 595 Color Server, FS color 33510. Provide manufacturer's color chart for integral color to engineer for approval before use.

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

#### **B.2 Concrete Curing**

Supply a clear, non-yellowing liquid membrane-forming clear curing compound conforming to ASTM C 1315, Type 1 A.

## **B.3 Mix Approval**

### **B.3.1 General**

Perform preliminary laboratory and/or field trial batching to establish the mix proportions necessary to meet the final concrete characteristics. Submit to the engineer the final mix design including specific sources and/or trade names as applicable for all materials.

Concrete shall have a maximum 4" slump.

### **B.3.2 Test Panels**

At an engineer-determined location on the project, place and finish a 10-foot by 10-foot by 4-inch colored concrete test panel using processes and techniques intended for use on permanent work, including curing procedures, stamping, coloring, and sealing.

The engineer will determine acceptance of the test panel color based on review and approval by Brown County, Village of Hobart, and Village of Howard representatives. Test panel color will be evaluated for approval no earlier than 5 days after the test panel was poured and sealed.

Prepare the concrete surfaces of the Colored and Stamped Concrete Test Panel using the same methods and materials outlined in this section.

## **B.4 Stamp**

Use reusable elastomeric/urethane form liners of the architectural surface treatment as detailed in the plans and hereinafter provided.

Pattern shall be random laid flagstone with 5/8" maximum relief and 3/8" average relief. Stone sizes shall be approximately 2" x 4" – 16" x 20". Form liner shall exactly match the pattern and stamp that has been used on the STH 29/CTH FF interchange project. Provide sample form liner pattern to engineer for approval before use.

## **B.5 Antiquing Release Agent**

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

The antiquing release agent color for the flagstone pattern and joints shall be light grey and shall closely match to Federal Standard 595 Color Server, FS color 34086.

Provide manufacturer's color chart for antiquing release agents to engineer for approval before use.

## **B.6 Concrete Sealant**

Use concrete sealant that is compatible with the form liner and installation methods.

Prime Sealant: Glossy.

Secondary Sealant: Matte.

## **C Construction**

Construct colored concrete according to standard specs 405.3.

Coordinate locations of permanent signage requiring PVC pipe box outs per standard spec 634.3.2.

### **C.1 Form Liner (Stamp) Preparation**

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

### **C.2 Stamp**

Coordinate with the engineer and to verify stamping pattern orientation prior to starting the stamping work.

Prepare stamp tools with a full, smooth coat of antiquing release agent.

While concrete is still in the plastic state, apply imprinting tools to the surface and press into the concrete to create the desired impression. Finish all surfaces uniformly. Ensure that the textured surface is free of laitance; sandblasting is not permitted. Grind or fill any blemishes. Shake or spray antiquing release agent over concrete surface. Hand apply antiquing release agent to each individual joint line by spraying or rolling.

Stamping shall exactly match the work that has been done on the STH 29/CTH FF Interchange.



### **C.3 Finishing**

Allow concrete to cure for 24 hours after application of the antiquing release agents and stamp pattern. Pressure wash concrete surface to remove approximately 80% of the antiquing release agent. Ensure that concrete is clean and dry before proceeding with concrete sealant. Spray or roll on a single layer of gloss sealant. Follow by spraying on a single coat of matte finish sealer. Do not roll matte finish sealer onto concrete surfaces.

Finishing shall exactly match the finishing that has been done on the STH 29/CTH FF Interchange.

### **D Measurement**

The department will measure Colored and Stamped Concrete 4-Inch 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 |
|-------------|-------------------------------------|------|
| SPV.0180.02 | Colored and Stamped Concrete 4-Inch | SY   |

Payment is full compensation for preparing the foundation, unless provided otherwise; for developing mix designs and providing sample panels or test panels; for furnishing materials (including concrete masonry, colored pigments, sealers, joint and bond breakers, and retarders), hauling, preparing, placing, curing, and protecting the concrete; for removing test panels and restoring the site; for stamping; for sawing required for construction of colored concrete; for jointing and joint materials, and tie bars; and for other costed associated with coloring and stamping the concrete.

## ADDITIONAL SPECIAL PROVISION 3

### DISADVANTAGED BUSINESS ENTERPRISE [DBE] PROGRAM IMPLEMENTATION

#### 1. Description

- a. The federal DBE program requirements outlined in the Code of Federal Regulations at 49 CFR Part 26 apply to this Wisconsin Department of Transportation contract. WisDOT is a recipient of federal funds and this contract includes federal funds. United States Department of Transportation Federal DBE Program requires the following provisions:
  - (1) Pursuant to the federal DBE program regulation at 49 CFR Part 26, a contractor's failure to comply with any provision of the DBE regulations will be considered a material breach of contract. This is non-negotiable. If a contractor fails to carry out the DBE program and Title VI nondiscrimination requirements of its contracts, the following sanctions will be assessed depending upon the facts, reasoning, severity and remedial efforts of the contractor: termination of contract, withholding payment, assessment of monetary sanctions, assessment of liquidated damages and/or suspension/debarment proceedings that may result in the disqualification of the contractor from bidding for a designated period of time.
  - (2) The contractor shall utilize the specific DBEs listed to perform the work and supply the materials for which each is listed unless the contractor obtains the federal fund recipient's [DOT] written consent. Unless [WisDOT] consent is provided, the contractor shall not be entitled to any payment for work or material unless it is performed or supplied by the listed DBE.
- b. The Wisconsin Department of Transportation [WisDOT] is committed to the compliant administration of the DBE Program. Each WisDOT Secretary affirms this commitment with his/her signed assurance.  
<https://wisconsindot.gov/Documents/doing-bus/civil-rights/dbe/policy-statement.pdf>
  - (1) The department encourages the contractor to assist and develop DBE firms to become fully knowledgeable contractors to successfully perform on its contracts. Under the contract, the contractor agrees to provide the assistance to participating DBE's in the following areas:
    - i. Produce accurate and complete quotes.
    - ii. Understand highway plans applicable to their work.
    - iii. Understand specifications and contract requirements applicable to their work.
    - iv. Understand contracting reporting requirements.
  - (2) Wisconsin DOT 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, specified contract DBE goal by subcontracting work to a DBE or by procuring services or materials from a DBE. The department calculates the DBE participation as the dollar value of DBE participation included in the bid expressed as a percentage of the total contract bid amount.
  - (3) For more comprehensive information on the disadvantaged business program, visit the department's Civil Rights and Compliance Section website at:  
<https://wisconsindot.gov/Pages/doing-bus/civil-rights/dbe/default.aspx>

## 2. Definitions

Interpret these terms, used throughout this additional special provision, as follows:

- a. **Bid Percentage:** The DBE percentage indicated in the bidding proposal at the time of bid.
- b. **DBE:** A small business certified as disadvantaged business enterprise (DBE) under the federal DBE program and included on the Wisconsin UCP DBE Directory deemed ready, willing and able.
- c. **DBE goal:** The amount of DBE participation expected in the contract as shown on the cover of the Highway Work Proposal.
- d. **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.
- e. **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.
- f. **Voluntary Achievement:** The amount of DBE participation achieved and reported in the contract in excess of the assigned goal.

## 3. DBE Percentage Required at Bid Submission

Indicate the bid percentage (i.e. 0% through 100%) of DBE participation on the completed bidding proposal. For electronic submittals, show the percentage in the miscellaneous data folder, Item 3, DBE Percent. For paper submittals, show the percentage on the sheet included after the schedule of items. By submission of the bid, the bidder contractually commits to DBE participation at or above the bid percentage, or certifies that they have utilized comprehensive good faith efforts to solicit and utilize DBE firms to meet the DBE participation requirements of this contract proposal, and that the bid percentage is reflective of these good faith efforts. The bid percentage should demonstrate the efforts of the prime contractor prior to bid. If the bidder does not indicate the bid percentage of DBE participation on the completed bidding proposal, the department will consider the bid irregular and may reject the bid.

## 4. WisDOT Interpretation of Federal DBE Program Provision

Prime contractors must utilize the specific DBEs listed to perform the work and/or supply the materials for which each is listed on the Commitment to Subcontract to DBE Form [DT1506] and approved by WisDOT's DBE office to execute its contract. The approved Commitment to Subcontract to DBE Form [DT1506] becomes a contract document/record.

### a. Department's DBE Evaluation Process

WisDOT evaluates DBE using the Commitment to Subcontract to DBE, payments to subcontractors and contract documentation. The prime contractor shall list the specific DBE certified firms and items of work s/he intends to use toward the fulfillment of the assigned DBE contract goal. The prime contractor receives DBE credit for payments made to the DBE firms performing the work listed on the approved Form DT1506.

### b. Documentation Submittal

The contractor is to identify, by name, the DBE firms whose utilization is intended to satisfy this provision, the items of work of the DBE subcontract or supply agreement and the dollar value of those items of work by completing the Commitment to Subcontract to DBE Form [DT1506]. Effective January 1, 2017, the contractor will be required to submit the documentation within 5 business days after bid opening. All necessary supporting documentation including Attachment 'A' forms and/or Good Faith Efforts Form

[DT1202] must be submitted no later than 2 business days from contractor's initial submission of the DT 1506. The contractor must provide a signed Attachment 'A' form to the DBE office within the time limit in order to receive authorization for contract execution; the DBE office reserves the right accept alternate documentation in lieu of the signed form in extenuating circumstances. Documentation must be submitted to the DBE Office by email at [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov) ([DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov)) or by postal mail ATTN: DBE Office, PO Box 7965, Madison, WI 53707-7965.

(1) **Bidder Meets DBE Goal**

If the bidder indicates that the contract DBE goal is met, after award and before execution, the department will evaluate the Commitment to Subcontract to DBE Form DT1506 and attachment A(s) to verify the actual DBE percentage calculation. If the DBE commitment is verified, the contract is eligible for execution with respect to the DBE commitment.

(2) **Bidder Does Not Meet DBE Goal**

- i. If the bidder indicates a bid percentage on the Commitment to Subcontract to DBE Form [DT1506] that does not meet the contract DBE goal, the bidder must submit a Good Faith Efforts Form [DT1202] and supporting documentation. After award and before execution, the department will evaluate the bidder's DBE commitment and consider the bidder's good faith efforts submission.
- ii. The department will evaluate the bidder's good faith effort request and notify the bidder of one of the following:
  - (a) If the department grants a good faith efforts, the bid is eligible for contract execution with respect to DBE commitment.
  - (b) If the department rejects the good faith efforts request, the department may declare the bid ineligible for execution. The department will provide a written explanation of why the good faith efforts request was rejected. The bidder may appeal the department's rejection as allowed under 7 a. & b.

c. **Bidder Fails to Submit Documentation**

If the contractor fails to furnish the Commitment to Subcontract to DBE Form [DT1506] within the specified time, the department may cancel the award. Delay in fulfilling this requirement is not a cause for extension of the contract time and shall not be used as a tool to delay execution.

## 5. Department's Criteria for Good Faith Effort

Appendix A of 49 CFR Part 26, is the guiding regulation concerning good faith efforts. However, the federal regulations do not explicitly define "good faith" but states that bidder must actively and aggressively attempt to meet the goal. The federal regulations are general and do not include every factor or effort that can be considered. As a result, each state must establish its own processes and consider the factors established in its own practices to create a process for making a determination of adequate good faith. WisDOT evaluates good faith on a contract basis just as each contract award is evaluated individually.

The department will only approve a contractor's good faith efforts if the bidder has made the effort, given the relevant circumstances under the contract that a bidder actively and aggressively seeking to meet the goal would make. The department will evaluate the bidder's good faith effort to determine whether a good faith efforts will be granted. The bidder must demonstrate, on the DT1202 that they have aggressively solicited DBE participation in an attempt to meet the contract DBE goal and attaining the stated DBE goal is not feasible.

- a. The department, in conjunction with industry stakeholders, has developed the following guidance for contractor good faith effort. 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.

## b. Prime Contractors should:

- (1) Document all efforts and decisions made toward achieving the DBE goal on the contract. The bidder should use the Civil Rights & Compliance System [CRCS] and related WisDOT- approved DBE outreach tools, including the Bid Express Small Business Network, to foster DBE participation on all applicable contracts.
- (2) Prime contractors may 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. Requesting assistance with outreach is not a decisive factor in the review Good faith effort evaluation. Phone numbers are 414-438-4584 and/or 414-659-0487; Fax: 414-438-5392; E-mail: [DOTDBESupportServices@dot.wi.gov](mailto:DOTDBESupportServices@dot.wi.gov).
- (3) Request quotes by identifying potential items to subcontract and solicit. Prime contractors are strongly encouraged to include in their initial contacts a single page including a 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 A*. 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's 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 you are seeking quotes to [DOTDBESupportServices@dot.wi.gov](mailto:DOTDBESupportServices@dot.wi.gov).
  - ii. SBN is the preferred outreach tool. <https://www.bidx.com/wi/main>. Other acceptable means include postal mail, email, fax, phone call.
    - (a) Primes must ask DBE firms for a response in their solicitations. See *Sample Contractors Solicitation Letter* in Appendix. This letter can be included as an attachment to the SBN sub-quote request.
    - (b) Solicit quotes at least 10 calendar days prior to the letting date, at least two Fridays before the letting, 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) Second solicitation should take place within 5 calendar days. Email and SBN are the preferred delivery of the follow-up 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 Bid Express SBN Record of Subcontractor Outreach Effort.

c. Evaluate DBE quotes Documentation is critical if a prime does not utilize the DBE firm's quote for any reason.

- (1) Evaluate DBE firm's capability to perform 'possible items to subcontract' using legitimate reasons, including but not limited to, **a discussion with the DBE firm** regarding its capabilities prior to the bid letting. If lack of capacity is your reason for not utilizing the DBE quote, you are 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 and/or NAICS code listed in the UCP directory can be counted toward DBE credit. Documentation of the conversation is required.
- (2) In striving to meet an assigned DBE contract goal, prime contractors are expected to use DBE quotes that are responsive and reasonable. This includes DBE quotes that are not the low quote.

- (3) **Special Circumstance** - Evaluation of DBE quotes with tied bid items. "Tied quotes are the condition in which a subcontractor submits quotes including multiple areas of expertise across multiple work areas noting that the items and price are tied. Typically this type of quoting represents a cost saving to the prime but is not clearly stated as a discount; tied quotes are usually presented as 'all or none' quote to the prime." When non-DBE subcontractors submit tied bid items in their quotes to the prime, the DBE firms' quote may seem not 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.
- d. Immediately after notification of contract award, the prime submits all '**Commitment to Subcontract**' forms to the DBE Office. Prime contractor has 5 days to submit the completed form for the DBE firms it intends to use on the contract for DBE credit. If the goal is not met in full, the prime contractor must provide the following information along with WisDOT form DT1202: Certificate of Good Faith Efforts.
- (1) The names, addresses, e-mail addresses, telephone numbers of DBE's contacted. The dates of both initial and follow-up contact.
  - (2) A description of information provided to the DBE's regarding the plans, specifications, and estimated quantities for portions of the work to be performed by that DBE.
  - (3) Photocopies or electronic copies of all written solicitations to DBE's. A printed copy of SBN solicitation is acceptable.
  - (4) Documentation of each quote received from a DBE and, if rejected, the reason for that rejection.
  - (5) Bidder attendance at any pre-solicitation or pre-bid meetings the department held to inform DBE's of participation opportunities available on the project.

The prime contractor must obtain written consent from the DBE Office to change or replace any DBE firm listed on the approved Commitment to Subcontract to DBE Form [DT1506]. If the prime contractor utilizes another contractor, including the use of its own workforce, to perform the work assigned to a DBE on the approved DT1506, the prime contractor will not be entitled to payment for that work. Any changes to DBE after the approval of the DT1506 must be reviewed and approved by the DBE office prior to the change.

## 6. 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, a prime contractor and the regular dealer of 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 in cases where the prime has submitted the DBE and material 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 is part of the value of work performed by the DBE to be counted toward the goal. To receive credit, the DBE 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 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 form or 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 supplies.
- b. DBE subcontractor is responsible to furnish and/or install the material/work item. The DBE subcontractor shall not be an 'extra participant' in the transaction; the DBE'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 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 contractors negotiated unit price.

## 7. Bidder's Appeal Process

- a. A bidder can appeal the department's decision to deny the bidder's good faith effort submission. The bidder must provide written documentation refuting the specific reasons for rejection as stated in the department's rejection notice. The bidder may meet in person with the department if so requested. Failure to appeal within 7 calendar days after receiving the department's written denial notice of a good faith effort evaluation constitutes a forfeiture of the bidder's right of appeal. A contract cannot be executed without documentation that the DBE provisions have been fulfilled.
- b. The department will appoint a representative, who did not participate in the original determination, to assess the bidder's appeal. The department will issue a written decision within 5 calendar days after the bidder presents all written and oral testimony. In that written decision, the department will explain the basis for finding that the bidder did or did not meet the contract DBE goal or make an adequate good faith effort to meet the contract DBE goal. The department's decision is final. If the department finds that the bidder did not meet the contract DBE goal or did not make adequate efforts to meet the DBE goal, the department may declare the bid ineligible for execution.

## 8. Department's Criteria for DBE Participation

### Directory of DBE firms

- a. The only resource for DBE certified firms certified in the state of Wisconsin is the Wisconsin Unified Certification Program [UCP] DBE List. Wisconsin Department of Transportation maintains a current list of certified DBE firms titled Wisconsin UCP DBE Directory on the website at:  
<https://wisconsin.gov/Documents/doing-bus/civil-rights/dbe/dbe-ucp-directory.xlsx>
- b. The DBE office is also available to assist at 414-438-4583 or 608-267-3849.

## 9. Counting DBE Participation

### Assessing DBE Work

- a. 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 unified certification program agencies. If a firm becomes DBE certified before entering into a subcontract, the department may consider that DBE usage towards the contract goal. 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:
- b. The department counts work performed by the DBE's own resources. The department includes the cost of materials and supplies the DBE obtains for the work. The department also includes the cost of equipment the DBE leases for the work. The department will not include the cost of materials, supplies, or equipment the DBE purchases or leases from the prime contractor or its affiliate, except the department will count non-project specific leases the DBE has in place before the work is advertised.
- c. The department counts fees and commissions the DBE charges for providing a 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 engineer deems reasonable based on experience or prevailing market rates.
- d. If a DBE subcontracts work, the department counts the value of the subcontracted work only if the DBE's subcontractor is also a DBE.
- e. The contractor shall maintain records and may be required to furnish periodic reports documenting its performance under this item.
- f. It is the prime contractor's responsibility to determine whether the work that is committed and/or contracted to a DBE certified 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.
- g. It is the prime contractor's responsibility to assess the DBE firm's ability to perform the work for which s/he 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.

## 10. Commercially Useful Function

- a. Commercially useful function is evaluated after the contract has been executed, while the DBE certified firm is performing its work items. A DBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved.
- b. The department uses Form DT1011: DBE Commercially Useful Function Review and Certification to evaluate whether 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 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 contract work and it 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.



## 11. Credit Evaluation for Trucking

All bidders are expected to adhere to the department's current trucking policy posted on the HCCI website at <https://wisconsindot.gov/Documents/doing-bus/civil-rights/dbe/trucking-utilization-policy.pdf>

## 12. 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 provides under the contract for DBE credit based on whether the DBE is a manufacturer, supplier or broker. Generally, DBE crediting measures and evaluates the DBE owner's role, responsibility and contribution to the transaction: maximum DBE credit when the DBE manufactures materials or supplies; DBE credit decreases when the DBE solely supplies material and minimal credit is allotted when the DBE's role is administrative or transactional.

It is the bidder's responsibility to find out if the DBE is considered a supplier or a manufacturer before listing them on Commitment to Subcontract to DBE form DT1506.

### 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, count **100%** percent of the cost of the materials or supplies 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.

### 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 have historically been 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, or fees or transportation charges for the delivery of materials or supplies required on a job site.
- (4) The evaluation will review the contract need for the item/service, review the sub-contract or invoice for the item/service, compare the fees customarily allowed for similar services to determine whether they are reasonable.

When DBE suppliers are contracted, additional documentation must accompany the DT1506 and Attachment 'A' forms. An invoice or bill-of-sale that includes the company names of the bidder and the DBE supplier and 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.* Please respond to the following questions and submit with your DBE Commitment Form.

1. What is the product or material?
2. Is this item in the prime's inventory or was the item purchased when contract was awarded?
3. Which contract line items were referenced to develop this quote?
4. What is the amount of material or product used on the project?

### 13. Credit Evaluation for DBE Primes

Wisconsin DOT calculates DBE credit based on the amount and type of work performed by DBE certified firms. If the prime contractor is a DBE certified firm, the department will only count the work that DBE prime contractor performs with its own forces for DBE credit. We will also calculate DBE credit for the work performed by any other DBE certified subcontractor, DBE certified supplier, DBE certified manufacturer on that contract in that DBE's approved work areas/NAICS code. Crediting for manufacturers and suppliers is calculated consistent with paragraph 12 of this document and 49 CFR Part 26.

### 14. Joint Venture

If a DBE performs as a participant in a joint venture, the department will only count that portion of the total dollar value of the contract equal to that portion of the work that the DBE performs with its own forces for DBE credit.

### 15. Mentor Protégé

- a. If a DBE performs as a participant in a mentor protégé agreement, the department will count for credit the portion of the work performed by the DBE protégé firm.
- b. DBE credit will be 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.
- c. Refer to WisDOT's Mentor Protégé guidelines for guidance on the number of contracts and amount of DBE credit that can be counted on any WisDOT project.

### 16. DBE Replacement or Termination

#### Contractual Requirement

The contractor shall utilize the specific DBEs listed to perform the work and supply the materials for which each is listed unless the contractor obtains written consent from the Department's DBE Office. If the Department does not provide consent to replace or terminate a DBE firm, the prime contractor shall not be entitled to any payment for work or material unless it is performed or supplied by the listed DBE.

#### Contractor Considerations

- a. A prime contractor cannot terminate and/or replace a DBE subcontractor listed on the approved Commitment to Subcontract to DBE Form [DT1506] 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.

- b. If a prime contractor feels it is necessary to replace or terminate a DBE firm that has been approved for DBE credit toward its contract, s/he will be required to provide reasons and documentation to support why the prime cannot fulfill the contractual commitment that it made to the Department regarding the DBE utilization.
- c. Prime contractor is required to make affirmative efforts to find another DBE subcontractor to perform at least the same amount of work under the contract as the DBE that was terminated, to the extent needed to meet the assigned DBE contract goal.
- d. 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 is expected to make affirmative efforts to maintain its commitment to the assigned DBE goal.
- e. The DBE firm should communicate with the prime contractor regarding its schedule and capacity in the context of the contract. If the DBE anticipates that it cannot fulfill its subcontract, s/he shall advise the prime contractor and suggest a DBE that may replace their services or provide written consent to be released from its subcontract.
  - (1) Before the prime contractor can request to terminate or substitute a DBE firm; s/he must:
    - i. Make every effort to fulfill the DBE commitment by working with the listed DBE to ensure that they are fully knowledgeable of your expectations for successful performance on the contract. Document these efforts in writing.
    - ii. If those efforts fail, provide written notice to the DBE subcontractor of your *intent* to request to terminate and/or replace the firm including the reason(s) you want to pursue this action.
    - iii. Copy the DBE Office on all correspondence related to changing a DBE firm who has been approved for DBE credit on a contract including the preparation and coordination efforts with the DBE on the contract.
    - iv. Clearly state the amount of time the DBE firm has to remedy and/or respond to your notice of intent to replace/terminate their firm from the contract. The DBE shall be allowed five days 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 manager must verify that waiting 5 days for a DBE performing traffic control work to respond would affect the public safety.
    - v. The DBE subcontractor must forward a written response to the prime contractor and copy the DBE Office. The written response must outline why it objects to the proposed termination of its subcontract and list the reasons that WisDOT should not approve the request for their firm to be replaced or removed from the contract.

### **The Request to Replace or Terminate a DBE**

The prime contractor must provide a written request to replace or terminate a DBE firm that has been approved for DBE credit on a WisDOT contract. The written request can be an email or printed document delivered by email or fax; at minimum, the request must contain the following:

1. Contract ID number.
2. Wisconsin DOT Contract Project Manager name and contact information.
3. DBE name and work type and/or NAICS code.
4. Contract's progress schedule.
5. Reason(s) for requesting that the DBE be replaced or terminated.
6. Attach/include all communication with the DBE to deploy/address/resolve work completion,

WisDOT will review your request and any supporting documentation that you submit to evaluate whether the circumstance and the reasons constitute a good cause for replacing or terminating the DBE that was approved for DBE credit on that contract.

*Examples of Good Causes to Replace a DBE 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.
- You have determined that the listed DBE subcontractor is not a responsible contractor.
- The listed DBE subcontractor voluntarily withdraws from the project and provides to you written notice of its withdrawal.
- The listed DBE is ineligible to receive DBE credit for the type of work required.
- A DBE owner dies or becomes disabled with the result that the listed DBE contractor is unable to complete its work on the contract.

**Evaluation and Response to the Request**

If WisDOT determines that your reasons comply with the good cause standards; the DBE office will send the prime contractor and the WisDOT project manager an email stating that we concur with the reasons and approve the replacement or termination.

If WisDOT determines that your reasons do not comply with the good cause standards of the federal DBE program, the DBE Office will send the prime contractor an email that includes *the requirement* to utilize the committed DBE, *remedial actions* to support the completion of the contractual commitment, a list of available WisDOT support services *and administrative remedies that may be invoked* for failure to comply with federal DBE guidelines for DBE replacement.

The Wisconsin Department of transportation contact for all actions related to replacing a DBE is the DBE Program Chief and/or the DBE Program Engineer which can be reached at [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov) or by calling 608-267-3849.

**17. DBE Utilization beyond the approved DBE Commitment Form DT1506**

If the Prime/subcontractor increases the scope of work for a participating DBE or adds a DBE subcontractor that was not on the approved Form DT1506 at any time after contract award, s/he should follow these steps so that the participation can be accurately credited toward the DBE goal.

- a. Send an email to the DBE Engineer at [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov) describing the work to be performed by the new DBE including the proposed schedule or duration, DBE name and contact information. You may also call the DBE Engineer at 414-659-0487 to notify him of the change verbally.

If the scope change added work for a participating DBE; list the date and reason for the scope change.

- b. Forward a complete, signed Attachment 'A' form to the DBE Office at [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov). A complete Attachment A includes DBE contact information, signature, subcontract value and proper description of the work areas to be performed by the DBE.

The DBE office will confirm the DBE participation and revise the DT1506 based on the email/discussion and attach the new/revised Attachment A to the Contract record/documentation.

## **18. Contract Modifications**

When additional opportunity is available by contract modifications, the Prime Contractor shall utilize DBE Subcontractors that were committed to equal work items, in the original contract.

## **19. Payment**

Costs for conforming to this Additional Special Provision (ASP) and any associated DBE requirements are incidental to the contract.

**APPENDIX A**  
**Sample Contractor Solicitation Letter Page 1**  
***This sample is provided as a guide not a requirement***

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GFW SAMPLE MEMORANDUM

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TO: DBE FIRMS  
FROM: POTENTIAL PRIME CONTRACTOR OR MAJOR SUBCONTRACTOR  
SUBJECT: REQUEST FOR DBE QUOTES  
LET DATE & TIME  
DATE: MONTH DAY YEAR  
CC: DBE OFFICE ENGINEER

---

Our company is considering bidding on the projects indicated on the next page, as a prime and/or a subcontractor for the Wisconsin Department of Transportation Month- date -year Letting. Page 2 lists the projects and work items that we may subcontract for this letting. We are interested in obtaining subcontractor quotes for these projects and work categories. Also note that we are willing to accept quotes in areas we may be planning to perform ourselves as required by federal rules.

Please review page 2, respond whether you plan to quote, highlight the projects and work items you are interested in performing and return it via fax or email within 3 days. Plans, specifications and addenda are available through WisDOT at the DBE Support Services office or at the Highway Construction Contract Information (HCCI) site at <https://wisconsindot.gov/Pages/doing-bus/contractors/hcci/default.aspx>

Your quote should include all of the costs required to complete the items you propose to perform including labor, equipment, material, and related bonding or insurance. The quote should note items that you are DBE certified to perform, tied items, and any special terms. Page 2, with the indicated projects and items you plan to quote, should be used as a cover sheet for your quote.

Please make every effort to have your quotes into our office by time deadline the prior to the letting date. **Make sure the correct letting date, project ID and proposal number, unit price and extension are included in your quote.** We prefer quotes be sent via SBN but prime's alternatives are acceptable. Our office hours are include hours and days. Please call our office as soon as possible prior to the letting if you need information/clarification to prepare your quote at contact number.

If you wish to discuss or evaluate your quote in more detail, contact us after the contract is awarded. Status of the contract can be checked at WisDOT's HCCI site at <https://wisconsindot.gov/Pages/doing-bus/contractors/hcci/default.aspx>

All questions should be directed to:

Project Manager, John Doe,

Phone: (000) 123-4567

Email: [Joe@joetheplumber.com](mailto:Joe@joetheplumber.com)

Fax: (000) 123- 4657

## Sample Contractor Solicitation Letter Page 2

***This sample is provided as a guide not a requirement***

### REQUEST FOR QUOTATION

Prime's Name: \_\_\_\_\_  
 Letting Date: \_\_\_\_\_  
 Project ID: \_\_\_\_\_

Please check all that apply

- “ Yes, we will be quoting on the projects and 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 's Contact Person

\_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 \_\_\_\_\_

#### DBE Contractor Contact Person

\_\_\_\_\_  
 Phone \_\_\_\_\_  
 Fax \_\_\_\_\_  
 Email \_\_\_\_\_  
 \_\_\_\_\_

Please circle the jobs and items you will be quoting below

| Proposal No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|--------------|---|---|---|---|---|---|---|
| County       |   |   |   |   |   |   |   |

#### WORK DESCRIPTION:

|                                 |   |   |   |   |   |   |   |
|---------------------------------|---|---|---|---|---|---|---|
| Clear and Grub                  | X |   | X | X |   | X | X |
| Dump Truck Hauling              | X |   | X | X |   | X | X |
| Curb & Gutter/Sidewalk, Etc.    | X |   | X | X |   | X | X |
| Erosion Control Items           | X |   | X | X |   | X | X |
| Signs and Posts/Markers         | X |   | X | X |   | X | X |
| Traffic Control                 |   | X | X | X |   | X | X |
| Electrical Work/Traffic Signals |   | X | X | X |   | X |   |
| Pavement Marking                |   | X | X | X | X | X | X |
| Sawing Pavement                 |   | X | X | X | X | X | X |
| QMP, Base                       | X | X |   | X | X | X | X |
| Pipe Underdrain                 | X |   |   | X |   |   |   |
| Beam Guard                      |   |   |   | X | X | X | X |
| Concrete Staining               |   |   |   |   |   |   | X |
| Trees/Shrubs                    | X |   |   |   |   |   | X |

Again please make every effort to have your quotes into our office by time deadline prior to the letting date.

We prefer quotes be sent via SBN but prime's preferred alternatives are acceptable.

If there are further questions please direct them to the prime contractor's contact person at phone number.

## **APPENDIX B**

### **BEST PRACTICES FOR PRIME CONTRACTOR & DBE SUBCONTRACTOR GOOD FAITH EFFORT**

*This list is not a set of requirements; it is a list of potential strategies*

#### Primes

- Ø Prime contractor open houses inviting DBE firms to see the bid “war room” or providing technical assistance.
- Ø Participate in speed networking and mosaic exercises as arranged by DBE office.
- Ø Host information sessions not directly associated with a bid letting.
- Ø Participate in a formal mentor protégé or joint venture with a DBE firm.
- Ø Participate in WisDOT advisory committees i.e. TRANSAC, or Mega Project committee meetings.
- Ø Facilitate a small group DBE ‘training session’ Clarifying how your firm prepares for bid letting, evaluates subcontractors, preferred qualifications and communication methods.
- Ø Encourage subcontractors to solicit and highlight DBE participation in their quotes to you.
- Ø Quality of communication, not quantity creates the best results. Contractors should do as thorough a job as possible in communicating with DBE firms before the bid and provide any assistance requested to assure best possible bid.

#### DBE

- Ø DBE firms should contact primes as soon as possible with questions regarding their quotes or bid; seven days prior is optimal.
- Ø Continually check for contract addendums on the HCCI website through the Thursday prior to letting to stay abreast of changes.
- Ø Review the status of contracts on the HCCI website reviewing the ‘apparent low bidder’ list, and bid tabs at a minimum.
- Ø 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.
- Ø Participate in DBE office assessment programs.
- Ø Participate on advisory and mega-project committees.
- Ø Sign up to receive the DBE Contracting Update.
- Ø Consider membership in relevant industry or contractor organizations.
- Ø 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 C

### Types of Efforts considered in determining GFE

*This list represents concepts being assessed; analysis requires additional steps*

1. Whether the contractor attended any pre-solicitation or pre-bid meetings that were scheduled by WisDOT to inform DBEs of contracting and subcontracting opportunities.
2. Whether the contractor provided written notice to a reasonable number of specific DBEs that their interest in the contract was being solicited, in sufficient time to allow the DBEs to participate effectively.
3. Whether the contractor followed up initial solicitations of interest by contacting DBEs to determine if the DBEs were interested; returned the phone calls of interested DBE firms.
4. Whether the contractor selected portions of the work to be performed by DBEs in order to increase the likelihood of meeting the DBE goal.
5. Whether the contractor provided interested DBEs with adequate information about the plans, specifications and requirements of the contract.
6. Whether the contractor negotiated in good faith with interested DBEs, not rejected DBEs as unqualified without sound reasons based on a thorough investigation of their capabilities.
7. Whether the contractor made efforts to assist interested DBEs in being more competitive.
8. Whether the contractor effectively used the services of available minority community organizations: minority contractors groups, local, state, and Federal minority business assistance offices, and other organizations that provide assistance to small businesses and DBE firms.
9. Whether Prime used CRCS to identify DBE who specialize in relevant work areas.
10. Whether the contractor used available resources including contacting the DBE office, using WisDOT's website
11. Whether the contractor returned calls of firms expressing interest in a timely manner.

## **APPENDIX D**

### **Good Faith Effort Evaluation Guidance**

#### ***Excerpt from Appendix A of 49 CFR Part 26***

#### **APPENDIX A TO PART 26 -- GUIDANCE CONCERNING GOOD FAITH EFFORTS**

- I. When, as a recipient, you establish a contract goal on a DOT assisted contract, a bidder must, in order to be responsible and/or responsive, make 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, it is up to you 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. 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: meeting quantitative formulas is not required.
- 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. Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBEs who have the capability to perform the work of the contract. The bidder must solicit this interest within sufficient time to allow the DBEs to respond to the solicitation. The bidder must 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 to facilitate DBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces.
  - 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.
  - 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. 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 employee status) are not legitimate causes for the rejection or non solicitation of bids in the contractor's efforts to meet the project goal.
  - 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, you may take into account the performance of other bidders in meeting the contract. 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 reasonable 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.

## Appendix E

### 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 completion at a later time.
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 is a part of the Bid Express® service that was created to ensure that small businesses have a centralized area to access information about upcoming projects. It can help small businesses learn more about opportunities, compete more effectively, network with other contractors and subcontractors, and win more jobs.

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](http://www.bidx.com) and select "Order Bid Express." The Small Business Network is a part of the Bid Express Basic Service.
  - b. DBE firms can request a Bid Express Small Business Network Account at no cost by calling 414-438-4588.

## **ADDITIONAL SPECIAL PROVISION 4**

### **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 may also withhold routine 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.

### **Release of Routine Retainage**

After granting substantial completion the department may reduce the routine retainage withheld from the prime contractor to 75 percent of the original total amount retained.

When the Department sends the semi-final estimate the department may reduce the routine retainage withheld from the prime contractor to 10 percent of the original total amount retained.

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 and that no routine retainage is being withheld. The department will pay the prime contractor in full and reduce the routine retainage withheld from the prime contractor to zero when the department approves the final estimate.

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.

**ADDITIONAL SPECIAL PROVISIONS 5****Fuel Cost Adjustment****A Description**

Fuel Cost Adjustments will be applied to partial and final payments for work items categorized in Section B as a payment to the contractor or a credit to the department. ASP-5 shall not apply to any force account work.

**B Categories of Work Items**

The following items and Fuel Usage Factors shall be used to determine Fuel Cost Adjustments:

| (1) Earthwork. |                           | Unit | Gal. Fuel<br>Per Unit |
|----------------|---------------------------|------|-----------------------|
| 205.0100       | Excavation Common         | CY   | 0.23                  |
| 205.0200       | Excavation Rock           | CY   | 0.39                  |
| 205.0400       | Excavation Marsh          | CY   | 0.29                  |
| 208.0100       | Borrow                    | CY   | 0.23                  |
| 208.1100       | Select Borrow             | CY   | 0.23                  |
| 209.1100       | Backfill Granular Grade 1 | CY   | 0.23                  |
| 209.1500       | Backfill Granular Grade 1 | Ton  | 0.115                 |
| 209.2100       | Backfill Granular Grade 2 | CY   | 0.23                  |
| 209.2500       | Backfill Granular Grade 2 | Ton  | 0.115                 |
| 350.0102       | Subbase                   | CY   | 0.28                  |
| 350.0104       | Subbase                   | Ton  | 0.14                  |
| 350.0115       | Subbase 6-Inch            | SY   | 0.05                  |
| 350.0120       | Subbase 7-Inch            | SY   | 0.05                  |
| 350.0125       | Subbase 8-Inch            | SY   | 0.06                  |
| 350.0130       | Subbase 9-Inch            | SY   | 0.07                  |
| 350.0135       | Subbase 10-Inch           | SY   | 0.08                  |
| 350.0140       | Subbase 11-Inch           | SY   | 0.09                  |
| 350.0145       | Subbase 12-Inch           | SY   | 0.09                  |

### C Fuel Index

A Current Fuel Index (CFI) in dollars per gallon will be established by the Department of Transportation for each month. The CFI will be the price of No. 2 fuel oil, as reported in U.S. Oil Week, using the first issue dated that month. The CFI will be the average of prices quoted for Green Bay, Madison, Milwaukee and Minneapolis.

The base Fuel Index (BFI) for this contract is \$1.15 per gallon.

### D Computing the Fuel Cost Adjustment

The engineer will compute the ratio CFI/BFI each month. If the ratio falls between 0.85 and 1.15, inclusive, no fuel adjustment will be made for that month. If the ratio is less than 0.85 a credit to the department will be computed. If the ratio is greater than 1.15 additional payment to the contractor will be computed. Credit or additional payment will be computed as follows:

- (1) The engineer will estimate the quantity of work done in that month under each of the contract items categorized in Section B.
- (2) The engineer will compute the gallons of fuel used in that month for each of the contract items categorized in Section B by applying the unit fuel usage factors shown in Section B.
- (3) The engineer will summarize the total gallons (Q) of fuel used in that month for the items categorized in Section B.
- (4) The engineer will determine the Fuel Cost Adjustment credit or payment from the following formula:

$$FA = \frac{CFI}{BFI} - 1 \times Q \times BFI$$

(plus is payment to contractor; minus is credit to the department)

|       |     |   |                                      |
|-------|-----|---|--------------------------------------|
| Where | FA  | = | Fuel Cost Adjustment (plus or minus) |
|       | CFI | = | Current Fuel Index                   |
|       | BFI | = | Base Fuel Index                      |
|       | Q   | = | Monthly total gallons of fuel        |

### E Payment

A Fuel Cost Adjustment credit to the department will be deducted as a dollar amount each month from any sums due to the contractor. A Fuel Cost Adjustment payment to the contractor will be made as a dollar amount each month.

Upon completion of the work under the contract, any difference between the estimated quantities and the final quantities will be determined. An average CFI, calculated by averaging the CFI for all months that fuel cost adjustment was applied, will be applied to the quantity differences. The average CFI shall be applied in accordance with the procedure set forth in Section D.



## Additional Special Provision 6

### ASP 6 - Modifications to the standard specifications

Make the following revisions to the standard specifications:

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#### 104.3 Contractor Notification

Replace the entire text with the following effective with the December 2019 letting:

##### 104.3.1 General

- (1) Subsection 104.3 specifies the step-by-step communication process to be followed to expedite the resolution of potential contract revisions identified by the contractor. Both contractor actions and department responses are outlined. The contractor's non-compliance with the requirements of 104.3 may constitute a waiver of entitlement to a pay adjustment under 109.4 or a time extension under 108.10. The department and contractor can mutually agree to extend any time frame specified throughout 104.3.

##### 104.3.2 Contractor Initial Oral Notification

- (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, the contractor must promptly provide oral notification to the project engineer. Upon notification, the project engineer will attempt to resolve the identified issue.

##### 104.3.3 Contractor 5-Day Written Statement

- (1) If the project engineer has not responded or resolved the identified issue within 5 business days after receipt of initial notification, provide a contractor written statement to the project engineer in the following format:

###### Part 1 - Executive Summary (label page 1.1 through page 1.x)

Include a detailed, factual statement of the request for additional compensation and contract time. Include the date the issue was identified, the date initial notification was given to the project engineer, and the dates and specific locations of work involved.

###### Part 2 - Contractor's Basis of Entitlement (label page 2.1 through page 2.x)

Include references to relevant contract provisions and a narrative summarizing how the contract provisions support the request for a revision to the original contract.

###### Part 3 - Contractor's Request for Damages (label page 3.1 through page 3.x)

When requesting additional compensation, include an itemized list of costs with a narrative supporting the requested amount and explaining how the costs are tied to the requested contract revision.

When requesting additional contract time, include a copy of the schedule that was in effect when the issue occurred and a detailed narrative explaining how the issue impacted controlling items of work. Provide a time impact analysis utilizing base and updated schedules.

If the full extent of either compensation or time is not known at the date of submittal of the contractor 5-Day written statement, provide a brief statement as to why, and include estimated compensation and time.

###### Part 4 - Supporting Documentation (label page 4.1 through page 4.x)

Include copies of the following:

- A. Relevant excerpts from specifications, special provisions, plans, change orders, or other contract documents.
  - B. Communication on the issue, including: letters, e-mails, meeting minutes, etc.
  - C. Any other documentation to support or clarify the contractor's position, including: daily work records, cost summary sheets, weigh tickets, test results, sketches, etc.
- (2) With the submittal of the written statement, the contractor may also request a meeting with the region.

##### 104.3.4 Region One-Day Written Acknowledgment

- (1) Within one business day after the contractor provides the 5-day written statement, the project engineer will provide a region one-day written acknowledgment to the contractor. The project engineer will continue to resolve the issue.

##### 104.3.5 Region 5-Day Written Response

- (1) Within 5 business days after receiving the contractor 5-day written statement, the project engineer may request specific additional information to allow the project engineer to decide whether item 1 or 2 of 104.3.6(1) applies. The project engineer will state the information needed and date it is to be

received for further review. Submit additional information as an amendment to the contractor 5-day written statement.

#### **104.3.6 Region Final Decision**

- (1) Within 10 business days after receiving the contractor 5-day written statement or additional information requested in 104.3.5(1), whichever comes last, the region will consider all information and provide a region final decision in writing to the contractor with one or more of the following responses:
    1. The region will confirm that the contractor is entitled to a contract revision and a contract change order is necessary as specified in 104.2. The project engineer will give direction concerning the potential change.
    2. The region will deny that the contractor is entitled to a contract revision. The project engineer will provide a statement as to why the issue is not a change to the contract. At a minimum, the project engineer will respond to the contractor's issues and refer to the contract to show why the issues are not a change from the original contract.
  - (2) If the contractor does not agree with the region's decision the contractor may pursue the issue as a claim as specified in 105.13. Alternatively, if the contractor and department mutually agree, the department will get a third-party advisory opinion according to the department's dispute resolution procedures.
  - (3) If a third party reviews the issue, their recommendation is not binding on either party. The region has 10 business days after receipt of the third party's written recommendation to render a decision. If the department fails to respond in writing within those 10 business days or the contractor disagrees with the region's decision, the contractor may pursue the issue as a claim as specified in 105.13.
- 

#### **104.6.1.2.1 General**

Replace paragraph one with the following effective with the December 2019 letting:

- (1) Conduct construction operations and provide facilities required to maintain the portion of the project open to the public in a condition that safely and adequately accommodates public traffic. Use barricades, signs, flaggers, and temporary barrier as specified in part VI, of the WMUTCD and ensure that the contractor's use of the right-of-way conforms to 107.9. Throughout the life of the contract, and as the engineer directs, conduct construction operations and provide facilities as follows:
    - Conduct flagging operations conforming to plan details and the department's flagging handbook.
    - Use drums, barricades, and temporary barrier to delineate and shield abrupt drop-offs and other hazards.
    - Furnish, erect, and maintain traffic control devices and facilities conforming to 643.
    - Furnish, erect, and maintain temporary pedestrian devices and facilities conforming to 644.
- 

#### **104.6.1.2.2 Flagging**

Replace paragraph three with the following effective with the December 2019 letting:

- (3) Provide associated advanced warning signs that meet the retroreflective requirements of 637.2.2.2. Provide temporary portable rumble strips from the department's APL installed according to manufacturer's instructions and as specified in the flagging plan details. Provide guidance service through the worksite using pilot vehicles if required.

Replace paragraph five with the following effective with the December 2019 letting:

- (5) Flagging is incidental to the contract and includes costs for advance signing, temporary portable rumble strips, and pilot vehicle guidance service.

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**104.8 Rights in the Use of Materials Found on the Project**

Replace paragraph two with the following effective with the December 2019 letting:

- (2) Do not excavate or remove material from within the right-of-way that is not within the vertical and horizontal excavation limits the plans show except as follows:
- If the contract does not identify potential source areas, obtain written authorization from the engineer to use those sources. Complete required environmental documentation and obtain necessary permits. The department will reduce pay by \$1.50 per cubic yard under the Material from Right-of-Way administrative item for material obtained from those areas.
  - If the contract identifies potential source areas that were evaluated and permitted in the original environmental document, do not begin excavating in those areas until the engineer allows in writing. Additional environmental documentation and environmental permits are not required. The department will not reduce pay for material obtained from those areas.

The department may suspend use of these sources if the contractor's operation affects the essential functions or characteristics of the project.

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**104.10.1 General**

Replace paragraph one with the following effective with the December 2019 letting:

- (1) Subsection 104.10 specifies a 2-step process for contractors to follow in submitting a cost reduction incentive (CRI) for modifying the contract in order to reduce direct construction costs computed at contract bid prices. The initial submittal is referred to as a CRI concept and the second submittal is a CRI proposal. The contractor and the department will equally share all savings generated to the contract due to a CRI as specified in 104.10.4.2(1). The department encourages the contractor to submit CRI concepts for the following situations:
1. The contractor generates the original cost savings idea and formulates it into a concept.
  2. The department generates the original cost savings idea and obtains the contractor's assistance to formulate the idea into a concept.

Replace paragraph five with the following effective with the December 2019 letting:

- (5) The department will consider a CRI that changes but does not impair the essential functions or characteristics of the project. These functions or characteristics include, but are not limited to, appearance, service life, economy of operations, ease of maintenance, design, and safety of structures and pavements, construction phasing or procedures, or other contract requirements. The department will not consider a CRI that changes the following:
- Permanent pavement type.
  - Permanent structural cross section above the subgrade.
- 

**104.10.2 Submittal and Review of a CRI Concept**

Replace paragraphs five and six with the following effective with the December 2019 letting:

- (5) The department may consider a CRI concept that addresses a potential change under 104.2.
- (6) The department will not implement a contractor-initiated CRI concept, or portion of that concept, without sharing the cost savings with the contractor as specified in 104.10.4.2.
- (7) The savings generated by the CRI must be sufficient to warrant its review and processing and offset the level of risk. The department will assess the risk of the CRI relative to departmental design policies and criteria for the project. The department may reject a CRI concept for the following reasons:
1. It requires excessive time or costs for the contractor to develop the CRI proposal.
  2. It requires excessive time or costs for review, evaluation, investigation, or implementation.
  3. It introduces an inappropriate level of risk.

**104.10.4.2 Payment for the CRI Work**

Replace paragraph one with the following effective with the December 2019 letting:

- (1) The department will pay for completed CRI work as specified for progress payments under 109.6. The department will pay for CRI's under the Cost Reduction Incentive administrative item. When all CRI costs are determined, the department will execute a contract change order that does the following:
  1. Adjusts the contract time, interim completion dates, or both.
  2. Pays the contractor for the unpaid balance of the CRI work.
  3. Pays the contractor 50 percent of the net savings resulting from the CRI, calculated as follows:

$$NS = CW - CRW - CC - DC$$

Where:

**NS** = Net Savings

**CW** = The cost of the work required by the original contract that is revised by the CRI. CW is computed at contract bid prices if applicable.

**CRW** = The cost of the revised work, computed at contract bid prices if applicable.

**CC** = The contractor's cost of developing the CRI proposal.

**DC** = The department's cost for investigating, evaluating, and implementing the CRI proposal.

**105.13 Claims Process for Unresolved Changes**

Replace the entire text with the following effective with the December 2019 letting:

**105.13.1 General**

- (1) Before submitting a claim, the department and contractor can mutually agree to have the department get a third-party advisory opinion as specified in 104.3.6.
- (2) The department and contractor can mutually agree to extend any time frame specified throughout 105.13 and can mutually agree to utilize an alternative dispute resolution method at any point before the department renders its final decision.
- (3) The department and contractor share costs related to referral to a dispute review board (DRB) as prescribed in the department's dispute resolution procedures.

**105.13.2 Notice of Claim**

- (1) If the contractor has followed the procedures for revising the contract specified in 104.2 and provided the notification specified in 104.3, but still disagrees with the region, the contractor may pursue the issue as a claim. File a notice of claim with the project engineer concerning the disagreement within 14 calendar days of receiving the region's decision under 104.3.6(1).
- (2) The project engineer may deny the applicable portion of a claim if the contractor does not do the following:
  1. File the notice of claim within 14 calendar days as specified in 105.13.2(1).
  2. Give the project engineer sufficient access to keep a record of the actual labor, materials, and equipment used to perform the claimed work.

- (3) Upon filing the notice of claim, maintain records as specified for force account statements in 109.4.5. Unless the project engineer issues a suspension, continue to perform the disputed work. The department will continue to make progress payments to the contractor as specified in 109.6.

**105.13.3 Submission of Claim**

- (1) Submit the claim to the project engineer as promptly as possible following the submission of the Notice of Claim, but not later than the end of the time allowed under 109.7 for the contractor to respond in writing to the engineer-issued semi-final estimate. If the contractor does not submit the claim within that response time, the department will deny the claim.
- (2) The department will not accept the submission of a claim until the resolution process in 104.3 has been completed and the contractor makes no further requests to submit updated information that may affect the region's final decision.

**105.13.4 Content of Claim**

- (1) The final contractor written statement under 104.3.3 is considered the content of the claim. If the contractor makes a request to submit updated information that may affect the region's final decision under 104.3.6, submit the updated information as an amendment to the contractor written statement and continue the resolution process in 104.3 before submitting a claim.
- (2) The department may refer the claimant of a false claim to the appropriate authority for criminal prosecution. Certify the claim using the following form:

The undersigned is duly authorized to certify this claim on behalf of (the contractor).

(The contractor) certifies that this claim is made in good faith, that the supporting data are accurate and complete to the best of (the contractor's) knowledge and belief, and that the amount requested accurately reflects the contract adjustment for which (the contractor) believes that the department is liable.

(THE CONTRACTOR)

By: \_\_\_\_\_  
(Name and Title)

Date of Execution: \_\_\_\_\_

**105.13.5 Department Final Decision**

- (1) The department will have up to 28 calendar days, from the contractor's submission of the claim, to perform a final review of the claim and conduct all meetings. The department may request, in writing, that the contractor submit additional information related to the claim. Submit that additional information, or notify the department in writing to base its decision on the information previously submitted. Either the contractor or region may request a meeting to present their views. Before the meeting, both parties will agree upon written ground rules for the meeting.
- (2) Upon completion of the 28 calendar days for the department's review and meetings, the department will have up to 21 calendar days to render a written decision. The department will consider written and oral submissions from the contractor and region, and may consider other relevant information in the project records.
- (3) The department will provide the following in its final decision:
  1. A concise description of the claim.
  2. A clear, contractual basis for its decision that includes a reference to 104.2 on revisions to the contract and as appropriate, specific reference to language regarding the bid items in question.
  3. Other facts the department relies on to support its decision.
  4. A concise statement of the circumstances surrounding the claim and reasons for its decision. If the department rejects the claim in whole or in part, the department will explain why the claimed work is not a change to the contract work.
  5. The amount of money or other relief, if any, the department will grant the contractor.
- (4) If the contractor disagrees with the department's final decision, the contractor may initiate a legal action pursuant to state statutes.

**106.3.4.2.2.2 Freeze-Thaw Soundness**

Replace paragraph one with the following effective with the December 2019 letting:

- (1) Perform freeze-thaw soundness testing according to AASHTO T103 as modified in CMM 8-60.2. Provide freeze/thaw soundness test results based on the fraction retained on the No. 4 sieve as follows:
  1. Using virgin crushed stone aggregates produced from limestone/dolomite sources in one or more of the following counties or from out of state:
 

|             |           |           |            |           |
|-------------|-----------|-----------|------------|-----------|
| Brown       | Columbia  | Crawford  | Dane       | Dodge     |
| Fond du Lac | Grant     | Green     | Green Lake | Iowa      |
| Jefferson   | Lafayette | Marinette | Oconto     | Outagamie |
| Rock        | Shawano   | Walworth  | Winnebago  |           |
  2. Using gravel aggregates produced from pit sources in one or more of the following counties or from out of state:
 

|       |            |          |
|-------|------------|----------|
| Dodge | Washington | Waukesha |
|-------|------------|----------|

**108.10.3 Excusable Compensable Delays**

Replace paragraph two with the following effective with the June 2020 letting:

(2) The following are compensable delays:

1. A contract change for revised work as specified for extra work under 104.2.2.1, for a differing site condition under 104.2.2.2, or for significant changes in the character of the work under 104.2.2.4.
2. A contract change for an engineer-ordered suspension under 104.2.2.3.
3. The unexpected discovery of human remains, an archaeological find, or historical find consistent with 107.25.
4. The unexpected discovery of a hazardous substance consistent with 107.24.
5. The non-completion of work that utilities or other third parties perform, if the contract specifies a number of days or a completion date for that utility or third-party work. For delays covered under Trans 220 of the Wisconsin administrative code, the engineer will grant a time extension, but the contractor must seek recovery of delay costs from the utility.

**208.5 Payment**

Replace paragraph three with the following effective with the December 2019 letting:

- (3) The department will adjust pay for material obtained from within the project right-of-way limits but outside project excavation limits, furnished under 208.2.2, as specified in 104.8.

**301.2.3 Sampling and Testing**

Replace paragraph one with the following effective with the December 2019 letting:

(1) Department and contractor testing shall conform to the following:

|                                                |                                    |
|------------------------------------------------|------------------------------------|
| Sampling <sup>[1]</sup> .....                  | AASHTO T2                          |
| Percent passing the 200 sieve .....            | AASHTO T11                         |
| Gradation <sup>[1]</sup> .....                 | AASHTO T27                         |
| Gradation of extracted aggregate .....         | AASHTO T30                         |
| Moisture content <sup>[1]</sup> .....          | AASHTO T255                        |
| Liquid limit .....                             | AASHTO T89                         |
| Plasticity index .....                         | AASHTO T90                         |
| Wear .....                                     | AASHTO T96                         |
| Sodium sulfate soundness (R-4, 5 cycles) ..... | AASHTO T104                        |
| Freeze/thaw soundness <sup>[1]</sup> .....     | AASHTO T103                        |
| Lightweight Pieces in Aggregate .....          | AASHTO T113                        |
| Fracture .....                                 | ASTM D5821 as modified in CMM 8-60 |
| Moisture/density <sup>[1]</sup> .....          | AASHTO T99 and AASHTO T180         |
| In-place density <sup>[1]</sup> .....          | AASHTO T191                        |
| Asphaltic material extraction .....            | CMM 8-36 WisDOT Test Method 1560   |

<sup>[1]</sup> As modified in CMM 8-60.

**301.2.4.5 Aggregate Base Physical Properties**

*Replace paragraph one with the following effective with the December 2019 letting:*

- (1) Furnish aggregates conforming to the following:

**TABLE 301-2 AGGREGATE BASE PHYSICAL PROPERTIES**

| PROPERTY                                                              | CRUSHED STONE      | CRUSHED GRAVEL     | CRUSHED CONCRETE    | RECLAIMED ASPHALT  | REPROCESSED MATERIAL | BLENDED MATERIAL         |
|-----------------------------------------------------------------------|--------------------|--------------------|---------------------|--------------------|----------------------|--------------------------|
| Gradation<br>AASHTO T27                                               |                    |                    |                     |                    |                      |                          |
| dense                                                                 | 305.2.2.1          | 305.2.2.1          | 305.2.2.1           | 305.2.2.2          | 305.2.2.1            | 305.2.2.1 <sup>[1]</sup> |
| open-graded                                                           | 310.2              | 310.2              | <u>not allowed</u>  | <u>not allowed</u> | <u>not allowed</u>   | <u>not allowed</u>       |
| Wear<br>AASHTO T96<br>loss by weight                                  | <=50%              | <=50%              | note <sup>[2]</sup> | —                  | note <sup>[2]</sup>  | note <sup>[3]</sup>      |
| Sodium sulfate<br>soundness<br>AASHTO T104<br>loss by weight          |                    |                    |                     |                    |                      |                          |
| dense                                                                 | <=18%              | <=18%              | —                   | —                  | —                    | note <sup>[3]</sup>      |
| open-graded                                                           | <=12%              | <=12%              | <u>not allowed</u>  | <u>not allowed</u> | <u>not allowed</u>   | <u>not allowed</u>       |
| Freeze/thaw soundness<br>AASHTO T103 <sup>[6]</sup><br>loss by weight |                    |                    |                     |                    |                      |                          |
| dense                                                                 | <=18%              | <=18%              | note <sup>[2]</sup> | —                  | —                    | note <sup>[3]</sup>      |
| open-graded                                                           | <=18%              | <=18%              | <u>not allowed</u>  | <u>not allowed</u> | <u>not allowed</u>   | <u>not allowed</u>       |
| Liquid limit<br>AASHTO T89                                            | <=25               | <=25               | <=25                | —                  | —                    | note <sup>[3]</sup>      |
| Plasticity<br>AASHTO T90                                              | <=6 <sup>[4]</sup> | <=6 <sup>[4]</sup> | <=6 <sup>[4]</sup>  | —                  | —                    | note <sup>[3]</sup>      |
| Fracture<br>ASTM D5821 <sup>[6]</sup><br>min one face by count        |                    |                    |                     |                    |                      |                          |
| dense                                                                 | 58%                | 58%                | 58%                 | —                  | note <sup>[5]</sup>  | note <sup>[3]</sup>      |
| open-graded                                                           | 90%                | 90%                | <u>not allowed</u>  | <u>not allowed</u> | <u>not allowed</u>   | <u>not allowed</u>       |

<sup>[1]</sup> The final aggregate blend must conform to the specified gradation.

<sup>[2]</sup> No requirement for material taken from within the project limits. For material supplied from a source outside the project limits:

- LA wear maximum of 50 percent loss, by weight.
- Freeze thaw maximum of 42 percent loss, by weight.

<sup>[3]</sup> Required as specified for the individual component materials defined in columns 2 - 6 of the table before blending.

<sup>[4]</sup> For base placed between old and new pavements, use crushed stone, crushed gravel, or crushed concrete with a plasticity index of 3 or less.

<sup>[5]</sup> >=75 percent by count of non-asphalt coated particles.

<sup>[6]</sup> as modified in CMM 8-60.

**450.2.2 Aggregate Sampling and Testing**

Replace paragraph one with the following effective with the December 2019 letting:

- (1) The department and the contractor will sample and test according to the following methods, except as revised with the engineer's approval:
- |                                                                |             |
|----------------------------------------------------------------|-------------|
| Sampling aggregates .....                                      | AASHTO T2   |
| Material finer than No. 200 sieve .....                        | AASHTO T11  |
| Sieve analysis of aggregates .....                             | AASHTO T27  |
| Mechanical analysis of extracted aggregate .....               | AASHTO T30  |
| Sieve analysis of mineral filler .....                         | AASHTO T37  |
| Los Angeles abrasion of coarse aggregate .....                 | AASHTO T96  |
| Freeze-thaw soundness of coarse aggregate <sup>[1]</sup> ..... | AASHTO T103 |
| Sodium sulfate soundness of aggregates (R-4, 5 cycles) .....   | AASHTO T104 |
| Extraction of bitumen .....                                    | AASHTO T164 |

<sup>[1]</sup> As modified in CMM 8-60.2.

**450.3.2.6.3 Compaction Roller Pattern Determined by Growth Curve**

Add 450.3.2.6.3 as a new subsection effective with the December 2019 letting:

**450.3.2.6.3 Compaction Roller Pattern Determined by Growth Curve**

- (1) When specified in 460.3.3.1, compact asphaltic mixture using the roller pattern established during construction of a control strip. Use 2 or more rollers per paver if placing more than 165 tons per hour.
- (2) On the first day of production, construct a control strip under the direct observation of department personnel. After compacting the control strip with a minimum of 3 passes, mark the gauge outline and take a one-minute wet density measurement using a nuclear density gauge in back scatter mode at a single location. Take a density measurement at the same location after each subsequent pass. Continue compacting and testing until the increase in density is less than 1 pcf for 3 consecutive passes. Submit the final roller pattern to the engineer in writing. Once the roller pattern is established do not change the pattern or decrease the number, type, or weight of rollers without the engineer's written approval.
- (3) After establishing the roller pattern, and under the direct observation of the engineer, cut at least one 4-inch diameter or larger core from the control strip density gauge outline. Prepare cores and determine density according to AASHTO T166. Dry cores after testing. Fill core holes and obtain engineer approval before opening to traffic. The department will maintain custody of cores throughout the entire sampling and testing process. The department will label cores, transport cores to testing facilities, witness testing, store dried cores, and provide subsequent verification testing.

**450.3.2.8 Jointing**

Replace paragraph three with the following effective with the December 2019 letting:

- (3) Construct notched wedge longitudinal joints for mainline paving of HMA layers 1.75 inches or greater. Extend the wedge beyond the normal lane width as the plans show or as the engineer directs.

Replace paragraph five with the following effective with the December 2019 letting:

- (5) Construct the wedge for each layer using an engineer-approved strike-off device that will provide a uniform slope and will not restrict the main screed. Shape and compact the wedge with a weighted steel side roller wheel or vibratory plate compactor the same width as the wedge. Apply a tack coat to the wedge surface and both notches before placing the adjacent lane.
- (6) Clean longitudinal and transverse joints coated with dust and, if necessary, paint with hot asphaltic material, a cutback, or emulsified asphalt to ensure a tightly bonded, sealed joint.

**455.2.5 Tack Coat**

Replace paragraph one with the following effective with the December 2019 letting:

- (1) Under the Tack Coat bid item, furnish type SS-1h, CSS-1h, QS-1h, CQS-1h, or modified emulsified asphalt with an "h" suffix, unless the contract specifies otherwise.



**460.2.2.3 Aggregate Gradation Master Range**

*Replace paragraph one with the following effective with the December 2019 letting:*

- (1) Ensure that the aggregate blend, including recycled material and mineral filler, conforms to the gradation requirements in table 460-1. The values listed are design limits; production values may exceed those limits.

**TABLE 460-1 AGGREGATE GRADATION MASTER RANGE AND VMA REQUIREMENTS**

| SIEVE    | PERCENT PASSING DESIGNATED SIEVES |                    |                    |                         |                         |                    |                        |                       |
|----------|-----------------------------------|--------------------|--------------------|-------------------------|-------------------------|--------------------|------------------------|-----------------------|
|          | NOMINAL SIZE                      |                    |                    |                         |                         |                    |                        |                       |
|          | No. 1<br>(37.5 mm)                | No. 2<br>(25.0 mm) | No. 3<br>(19.0 mm) | No. 4<br>(12.5 mm)      | No. 5<br>(9.5 mm)       | No. 6<br>(4.75 mm) | SMA No. 4<br>(12.5 mm) | SMA No. 5<br>(9.5 mm) |
| 50.0-mm  | 100                               |                    |                    |                         |                         |                    |                        |                       |
| 37.5-mm  | 90 - 100                          | 100                |                    |                         |                         |                    |                        |                       |
| 25.0-mm  | 90 max                            | 90 - 100           | 100                |                         |                         |                    |                        |                       |
| 19.0-mm  | ___                               | 90 max             | 90 - 100           | 100                     |                         |                    | 100                    |                       |
| 12.5-mm  | ___                               | ___                | 90 max             | 90 - 100                | 100                     |                    | 90 - 97                | 100                   |
| 9.5-mm   | ___                               | ___                | ___                | 90 max                  | 90 - 100                | 100                | 58 - 80                | 90 - 100              |
| 4.75-mm  | ___                               | ___                | ___                | ___                     | 90 max                  | 90 - 100           | 25 - 35                | 35 - 45               |
| 2.36-mm  | 15 - 41                           | 19 - 45            | 23 - 49            | 28 - 58                 | 32 - 67                 | 90 max             | 15 - 25                | 18 - 28               |
| 1.18-mm  | ___                               | ___                | ___                | ___                     | ___                     | 30 - 55            | ___                    | ___                   |
| 0.60-mm  | ___                               | ___                | ___                | ___                     | ___                     | ___                | 18 max                 | 18 max                |
| 0.075-mm | 0 - 6.0                           | 1.0 - 7.0          | 2.0 - 8.0          | 2.0 - 10.0              | 2.0 - 10.0              | 6.0 - 13.0         | 8.0 - 11.0             | 8.0 - 12.0            |
| % VMA    | 11.0 min                          | 12.0 min           | 13.0 min           | 14.0 min <sup>[1]</sup> | 15.0 min <sup>[2]</sup> | 16.0 - 17.5        | 16.0 min               | 17.0 min              |

<sup>[1]</sup> 14.5 for LT and MT mixes.

<sup>[2]</sup> 15.5 for LT and MT mixes.

**460.2.7 HMA Mixture Design**

*Replace paragraph one with the following effective with the December 2019 letting:*

- (1) For each HMA mixture type used under the contract, develop and submit an asphaltic mixture design according to CMM 8-66 and conforming to the requirements of table 460-1 and table 460-2. Ensure that SMA mixture designs adhere to AASHTO R 46 and AASHTO M 325 in addition to the required test procedures outlined in CMM 8-66 table 1 and CMM 8-66 table 2. Determine the specific gravity of fines or super fines used as a mineral filler or additional stabilizer in SMA designs according to AASHTO T 100. The values listed are design limits; production values may exceed those limits. The department will review mixture designs and report the results of that review to the designer according to CMM 8-66.

TABLE 460-2 MIXTURE REQUIREMENTS

| Mixture type                                                                               | LT                         | MT                             | HT                             | SMA               |
|--------------------------------------------------------------------------------------------|----------------------------|--------------------------------|--------------------------------|-------------------|
| LA Wear (AASHTO T96)                                                                       |                            |                                |                                |                   |
| 100 revolutions(max % loss)                                                                | 13                         | 13                             | 13                             | 13                |
| 500 revolutions(max % loss)                                                                | 50                         | 45                             | 45                             | 35                |
| Soundness (AASHTO T104)<br>(sodium sulfate, max % loss)                                    | 12                         | 12                             | 12                             | 12                |
| Freeze/Thaw<br>(AASHTO T103 as modified in CMM 8-60.2)<br>(specified counties, max % loss) | 18                         | 18                             | 18                             | 18                |
| Fractured Faces<br>(ASTM D5821 as modified in CMM 860)<br>(one face/2 face, % by count)    | 65/___                     | 75 / 60                        | 98 / 90                        | 100/90            |
| Flat & Elongated (ASTM D4791)<br>(max %, by weight)                                        | 5<br>(5:1 ratio)           | 5<br>(5:1 ratio)               | 5<br>(5:1 ratio)               | 20<br>(3:1 ratio) |
| Fine Aggregate Angularity<br>(AASHTO T304, method A, min)                                  | 40 <sup>[1]</sup>          | 43 <sup>[1]</sup>              | 45                             | 45                |
| Sand Equivalency (AASHTO T176, min)                                                        | 40                         | 40 <sup>[2]</sup>              | 45                             | 50                |
| Clay Lumps and Friable Particle in Aggregate<br>(AASHTO T112)                              | <= 1%                      | <= 1%                          | <= 1%                          | <= 1%             |
| Plasticity Index of Material Added to Mix Design as<br>Mineral Filler (AASHTO T89/90)      | <= 4                       | <= 4                           | <= 4                           | <= 4              |
| Gyratory Compaction                                                                        |                            |                                |                                |                   |
| Gyrations for Nini                                                                         | 6                          | 7                              | 8                              | 7                 |
| Gyrations for Ndes                                                                         | 40                         | 75                             | 100                            | 65                |
| Gyrations for Nmax                                                                         | 60                         | 115                            | 160                            | 100               |
| Air Voids, %Va<br>(%Gmm Ndes)                                                              | 4.0<br>(96.0)              | 4.0<br>(96.0)                  | 4.0<br>(96.0)                  | 4.5<br>(95.5)     |
| % Gmm Nini                                                                                 | <= 91.5 <sup>[3]</sup>     | <= 89.0 <sup>[3]</sup>         | <= 89.0                        | ___               |
| % Gmm Nmax                                                                                 | <= 98.0                    | <= 98.0                        | <= 98.0                        | <= 98.0           |
| Dust to Binder Ratio <sup>[4]</sup> (% passing 0.075/Pbe)                                  | 0.6 - 1.2 <sup>[5]</sup>   | 0.6 - 1.2 <sup>[5]</sup>       | 0.6 - 1.2 <sup>[5]</sup>       | 1.2 - 2.0         |
| Voids filled with Binder (VFB or VFA, %)                                                   | 68 - 80 <sup>[6] [8]</sup> | 65 - 75 <sup>[6] [7] [9]</sup> | 65 - 75 <sup>[6] [7] [9]</sup> | 70 - 80           |
| Tensile Strength Ratio (TSR) (AASHTO T283) <sup>[10] [11]</sup>                            |                            |                                |                                |                   |
| no antistripping additive                                                                  | 0.75 min                   | 0.75 min                       | 0.75 min                       | 0.80 min          |
| with antistripping additive                                                                | 0.80 min                   | 0.80 min                       | 0.80 min                       | 0.80 min          |
| Draindown (AASHTO T305) (%)                                                                | ___                        | ___                            | ___                            | <= 0.30           |
| Minimum Effective Asphalt Content, Pbe (%)                                                 | ___                        | ___                            | ___                            | 5.5               |

<sup>[1]</sup> For No 6 (4.75 mm) nominal maximum size mixes, the specified fine aggregate angularity is 43 for LT and 45 MT mixes.

<sup>[2]</sup> For No 6 (4.75 mm) nominal maximum size mixes, the specified sand equivalency is 43 for MT mixes.

<sup>[3]</sup> The percent maximum density at initial compaction is only a guideline.

<sup>[4]</sup> For a gradation that passes below the boundaries of the caution zone (ref. AASHTO M323), the dust to binder ratio limits are 0.6 - 1.6.

<sup>[5]</sup> For No 6 (4.75 mm) nominal maximum size mixes, the specified dust to binder ratio limits are 1.0 - 2.0 for LT mixes and 1.5 - 2.0 for MT and HT mixes.

<sup>[6]</sup> For No. 6 (4.75mm) nominal maximum size mixes, the specified VFB is 67 - 79 percent for LT mixes and 66 - 77 percent for MT and HT mixes.

<sup>[7]</sup> For No. 5 (9.5mm) and No. 4 (12.5 mm) nominal maximum size mixtures, the specified VFB range is 70 - 76 percent.

<sup>[8]</sup> For No. 2 (25.0mm) nominal maximum size mixes, the specified VFB lower limit is 67 percent.

<sup>[9]</sup> For No. 1 (37.5mm) nominal maximum size mixes, the specified VFB lower limit is 67 percent.

<sup>[10]</sup> WisDOT eliminates freeze-thaw conditioning cycles from the TSR test procedure.

<sup>[11]</sup> Run TSR at asphalt content corresponding to 3.0% air void regressed design, or 4.5% air void design for SMA, using distilled water for testing.

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#### **460.2.8.2.1.3.1 Contracts with 5000 Tons of Mixture or Greater**

*Replace paragraph four with the following effective with the December 2019 letting:*

- (4) Use the test methods identified below, or other methods the engineer approves, to perform the following tests at the frequency indicated:

Blended aggregate gradations:

Drum plants:

- Field extraction by ignition oven according to AASHTO T308 as modified in CMM 8-36.6.3.6, chemical extraction according to AASHTO T-164 method A or B; or automated extraction according to ASTM D8159 as modified in CMM 8-36.6.3.1. Gradation of resulting aggregate sample determined according to AASHTO T30.
- Belt samples, optional for virgin mixtures, obtained from stopped belt or from the belt discharge using an engineer-approved sampling device and performed according to AASHTO T11 and T27.

Batch plants:

- Field extraction by ignition oven according to AASHTO T308 as modified in CMM 8-36.6.3.6, chemical extraction according to AASHTO T-164 method A or B; or automated extraction according to ASTM D8159 as modified in CMM 8-36.6.3.1. Gradation of resulting aggregate sample determined according to AASHTO T30.

Asphalt content (AC) in percent:

AC by ignition oven according to AASHTO T308 (CMM 8-36.6.3.6), by chemical extraction according to AASHTO T-164 method A or B; or by automated extraction according to ASTM D8159 as modified in CMM 8-36.6.3.1. Gradation of resulting aggregate sample determined according to AASHTO T30.

Bulk specific gravity of the compacted mixture according to AASHTO T166.

Maximum specific gravity according to AASHTO T209.

Air voids (Va) by calculation according to AASHTO T269.

VMA by calculation according to AASHTO R35.

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#### **460.2.8.2.1.4.2 Control Charts**

*Replace paragraph one with the following effective with the December 2019 letting:*

- (1) Maintain standardized control charts at the laboratory. Record contractor test results on the charts the same day as testing. Record data on the standardized control charts as follows:
- Blended aggregate gradation tests in percent passing. Of the following, plot sieves required in table 460-1: 37.5-mm, 25.0-mm, 19.0-mm, 12.5-mm, 9.5-mm, 4.75-mm, 2.36-mm, 1.18-mm, 0.60-mm, and 0.075-mm.
  - Asphalt material content in percent.
  - Air voids in percent.
  - VMA in percent.
- (2) Plot both the individual test point and the running average of the last 4 data points on each chart. Show QC data in black with the running average in red. Draw the warning limits with a dashed green line and the JMF limits with a dashed red line. The contractor may use computer generated black-and-white printouts with a legend that clearly identifies the specified color-coded components.

**460.2.8.2.1.5 Control Limits**

*Replace paragraph one with the following effective with the December 2019 letting:*

- (1) Conform to the following control limits for the JMF and warning limits based on a running average of the last 4 data points:

| ITEM                                | JMF LIMITS | WARNING LIMITS |
|-------------------------------------|------------|----------------|
| Percent passing given sieve:        |            |                |
| 37.5-mm                             | +/- 6.0    | +/- 4.5        |
| 25.0-mm                             | +/- 6.0    | +/- 4.5        |
| 19.0-mm                             | +/- 5.5    | +/- 4.0        |
| 12.5-mm                             | +/- 5.5    | +/- 4.0        |
| 9.5-mm                              | +/- 5.5    | +/- 4.0        |
| 4.75-mm                             | +/- 5.0    | +/- 4.0        |
| 2.36-mm                             | +/- 5.0    | +/- 4.0        |
| 1.18-mm                             | +/- 4.0    | +/- 3.0        |
| 0.60-mm                             | +/- 4.0    | +/- 3.0        |
| 0.075-mm                            | +/- 2.0    | +/- 1.5        |
| Asphaltic content in percent        | - 0.3      | - 0.2          |
| Air voids in percent <sup>[1]</sup> | +1.3/-1.0  | +1.0/-0.7      |
| VMA in percent <sup>[2]</sup>       | - 0.5      | - 0.2          |

<sup>[1]</sup> For SMA, JMF limits are +/-1.3 and warning limits are +/-1.0.

<sup>[2]</sup> VMA limits are based on requirements for each mix design nominal maximum aggregate size in table 460-1. For No. 6 (4.75mm) mixes, JMF limits are +/- 0.5 and warning limits are +/- 0.2.

**460.3.2 Thickness**

*Replace paragraph one with the following effective with the December 2019 letting:*

- (1) Provide the plan thickness for lower and upper layers limited as follows:

| NOMINAL<br>SIZE                | MINIMUM<br>LAYER<br>THICKNESS<br>(in inches) | MAX LOWER<br>LAYER<br>THICKNESS<br>(in inches) | MAX UPPER<br>LAYER<br>THICKNESS<br>(in inches) | MAX SINGLE<br>LAYER<br>THICKNESS <sup>[3]</sup><br>(in inches) |
|--------------------------------|----------------------------------------------|------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|
| No. 1 (37.5 mm)                | 4.5                                          | 6                                              | 4.5                                            | 6                                                              |
| No. 2 (25.0 mm)                | 3.0                                          | 5                                              | 4                                              | 6                                                              |
| No. 3 (19.0 mm)                | 2.25                                         | 4                                              | 3                                              | 5                                                              |
| No. 4 (12.5 mm) <sup>[1]</sup> | 1.75                                         | 3 <sup>[2]</sup>                               | 2.5                                            | 4                                                              |
| No. 5 (9.5 mm) <sup>[1]</sup>  | 1.25                                         | 3 <sup>[2]</sup>                               | 2                                              | 3                                                              |
| No. 6 (4.75 mm)                | 0.75                                         | 1.25                                           | 1.25                                           | 1.25                                                           |

<sup>[1]</sup> SMA mixtures use nominal size No. 4 (12.5 mm) or No. 5 (9.5 mm).

<sup>[2]</sup> SMA mixtures with nominal sizes of No. 4 (12.5 mm) and No. 5 (9.5 mm) have no maximum lower layer thickness specified.

<sup>[3]</sup> For use on cross-overs and shoulders.

- (2) Place leveling layers using No. 4 (12.5 mm), No. 5 (9.5 mm), or No. 6 (4.75 mm) mixtures. Leveling layers may be thinner than the minimum lower layer thickness for the mixture used.
- (3) Place wedging layers as the contract specifies or engineer directs. Wedging layers have no specified minimum or maximum thickness.

**460.3.3.1 Minimum Required Density**

Replace paragraph one with the following effective with the December 2019 letting:

- (1) Compact No. 6 mixtures in lower layers as specified in 450.3.2.6.2 and in upper layers as specified in 450.3.2.6.3. For other HMA mixtures, compact all layers to the density table 460-3 specifies.

**TABLE 460-3 MINIMUM REQUIRED DENSITY<sup>[1]</sup>**

| LOCATION                     | LAYER | PERCENT OF TARGET MAXIMUM DENSITY |                     |                    |
|------------------------------|-------|-----------------------------------|---------------------|--------------------|
|                              |       | MIXTURE TYPE                      |                     |                    |
|                              |       | LT and MT                         | HT                  | SMA <sup>[5]</sup> |
| TRAFFIC LANES <sup>[2]</sup> | LOWER | 93.0 <sup>[3]</sup>               | 93.0 <sup>[4]</sup> | —                  |
|                              | UPPER | 93.0                              | 93.0                | 93.0               |
| SHOULDERS & APPURTENANCES    | LOWER | 91.0                              | 91.0                | —                  |
|                              | UPPER | 92.0                              | 92.0                | 92.0               |

<sup>[1]</sup> The table values are for average lot density. If any individual density test result falls more than 3.0 percent below the minimum required target maximum density, the engineer will investigate the acceptability of that material according to CMM 8-15.11.

<sup>[2]</sup> Includes side roads, crossovers, turn lanes, ramps, parking lanes, bike lanes, and park-and-ride lots as defined by the contract plans.

<sup>[3]</sup> Minimum reduced by 2.0 percent for a lower layer constructed directly on crushed aggregate or recycled base courses.

<sup>[4]</sup> Minimum reduced by 1.0 percent for a lower layer constructed directly on crushed aggregate or recycled base courses.

**460.3.3.2 Pavement Density Determination**

Replace paragraph three with the following effective with the December 2019 letting:

- (3) A lot is defined in CMM 8-15 and placed within a single layer for each location and target maximum density category indicated in table 460-3. The lot density is the average of all samples taken for that lot. The department determines the number of tests per lot according to CMM 8-15.

**460.5.2.1 General**

Replace paragraph six with the following effective with the December 2019 letting:

- (6) If during a QV dispute resolution investigation the department discovers unacceptable mixture defined by one or more of the following:
- Va less than 2.5 or greater than 6.5 percent for SMA, or for other mixes, less than 1.5 or greater than 5.0 percent.
  - VMA more than 1.0 percent below the minimum or above the maximum specified in table 460-1.
  - AC more than 0.5 % below the JMF target.

Remove and replace the material, or if the engineer allows the mixture to remain in place, the department will pay for the quantity of affected material at 50 percent of the contract price.

**501.2.5.5 Sampling and Testing**

*Replace paragraph one with the following effective with the December 2019 letting:*

- (1) Sample and test aggregates for concrete according to the following:

|                                                                                         |             |
|-----------------------------------------------------------------------------------------|-------------|
| Sampling aggregates <sup>[1]</sup> .....                                                | AASHTO T2   |
| Lightweight pieces in aggregate .....                                                   | AASHTO T113 |
| Material finer than No. 200 sieve <sup>[1]</sup> .....                                  | AASHTO T11  |
| Unit weight of aggregate .....                                                          | AASHTO T19  |
| Organic impurities in sands .....                                                       | AASHTO T21  |
| Sieve analysis of aggregates .....                                                      | AASHTO T27  |
| Effect of organic impurities in fine aggregate .....                                    | AASHTO T71  |
| Los Angeles abrasion of coarse aggregate .....                                          | AASHTO T96  |
| Alkali Silica Reactivity of Aggregates .....                                            | ASTM C1260  |
| Alkali Silica Reactivity of Combinations of Cementitious Materials and Aggregates ..... | ASTM C1567  |
| Freeze-thaw soundness of coarse aggregate <sup>[1]</sup> .....                          | AASHTO T103 |
| Sodium sulfate soundness of coarse aggregates (R-4, 5 cycles) .....                     | AASHTO T104 |
| Specific gravity and absorption of fine aggregate .....                                 | AASHTO T84  |
| Specific gravity and absorption of coarse aggregate <sup>[1]</sup> .....                | AASHTO T85  |
| Flat & elongated pieces based on a 3:1 ratio <sup>[1]</sup> .....                       | ASTM D4791  |
| Sampling fresh concrete .....                                                           | AASHTO R60  |
| Making and curing concrete compressive strength test specimens .....                    | AASHTO T23  |
| Compressive strength of molded concrete cylinders .....                                 | AASHTO T22  |

<sup>[1]</sup> As modified in CMM 8-60.

**505.2.2 Bar Steel Reinforcement**

*Replace paragraph one with the following effective with the December 2019 letting:*

- (1) Conform to AASHTO M31, type S or type W.

**505.2.3 High-Strength Bar Steel Reinforcement**

*Replace paragraph one with the following effective with the December 2019 letting:*

- (1) Conform to AASHTO M31, grade 60, type S or type W.

**505.2.4.1 General**

*Replace paragraph one with the following effective with the December 2019 letting:*

- (1) Conform to AASHTO M31, grade 60, type S or type W. Ensure that the coating is applied in a CRSI certified epoxy coating plant. Bend bars that require bending before coating, unless the fabricator can bend the bar without damaging the coating.

**505.2.6.1 General**

*Replace paragraph one with the following effective with the December 2019 letting:*

- (1) For dowel bars and straight tie bars, there is no requirement for bend tests. Ensure that the bars are the specified diameter and length the plans show.

**505.2.6.2.2 Solid Dowel Bars**

*Replace paragraph one with the following effective with the December 2019 letting:*

- (1) Furnish coated bars conforming to AASHTO M31 grade 40 or 60. Alternatively the contractor may furnish dowel bars conforming to AASHTO M227 grade 70-80. Coat in a plant certified by the Concrete Reinforcing Steel Institute with a thermosetting epoxy conforming to AASHTO M254, type B.

---

**520.3.7 Deflection Testing**

Replace paragraphs three and four with the following effective with the June 2020 letting:

- (3) Test 100 percent of the installed length of pipe 24 inches or greater in diameter. Ensure that the mandrel passes through the entire section in one pass when pulled by hand without using excessive force. If the designated length of pipe fails, the engineer may require additional testing.
  - (4) For pipe less than 24 inches in diameter, the engineer will designate at least 10 percent of the installed length of pipe for testing. The mandrel must pass through the entire section in one pass when pulled by hand without using excessive force. If the designated length of pipe fails, engineer may require additional testing.
  - (5) Relay or replace pipe that does not pass deflection testing. Retest all relayed or replaced pipe.
- 

**608.3.7 Deflection Testing**

Replace paragraphs three and four with the following effective with the June 2020 letting:

- (3) Test 100 percent of the installed length of pipe 24 inches or greater in diameter. Ensure that the mandrel passes through the entire section in one pass when pulled by hand without using excessive force. If the designated length of pipe fails, the engineer may require additional testing.
  - (4) For pipe less than 24 inches in diameter, the engineer will designate at least 10 percent of the installed length of pipe for testing. The mandrel must pass through the entire section in one pass when pulled by hand without using excessive force. If the designated length of pipe fails, engineer may require additional testing.
  - (5) Relay or replace pipe that does not pass deflection testing. Retest all relayed or replaced pipe.
- 

**625.3.2 Processing Topsoil or Salvaged Topsoil**

Delete paragraph four effective with the December 2019 letting.

**701.3.1 General**

*Replace the entire text with the following effective with the December 2019 letting:*

- (1) Perform contract required QC tests for samples randomly located according to CMM 8-30. Use the test methods specified in table 701-1.

**TABLE 701-1 TESTING AND CERTIFICATION STANDARDS**

| TEST                                 | TEST STANDARD               | MINIMUM REQUIRED CERTIFICATION<br>(any one of the certifications listed for each test)                                                                                                                                                                                                                                          |
|--------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Random Sampling                      | CMM 8-30.9.2                | Transportation Materials Sampling Technician (TMS)<br>Aggregate Technician I (AGGTEC-I)<br>AGGTEC-I Assistant Certified Technician (ACT-AGG)<br>PCC Technician I (PCCTEC-I)<br>PCCTEC-I Assistant Certified Technician (ACT-PCC)<br>Grading Technician I (GRADINGTEC-I)<br>Grading Assistant Certified Technician (ACT-GRADING) |
| Sampling Aggregates                  | AASHTO T2 <sup>[1][4]</sup> | TMS, AGGTEC-1, ACT-AGG                                                                                                                                                                                                                                                                                                          |
| Percent passing the No. 200 sieve    | AASHTO T11 <sup>[1]</sup>   | AGGTEC-I, ACT-AGG                                                                                                                                                                                                                                                                                                               |
| Fine and coarse aggregate gradation  | AASHTO T27 <sup>[1]</sup>   |                                                                                                                                                                                                                                                                                                                                 |
| Aggregate moisture content           | AASHTO T255 <sup>[1]</sup>  |                                                                                                                                                                                                                                                                                                                                 |
| Fractured faces                      | ASTM D5821 <sup>[1]</sup>   |                                                                                                                                                                                                                                                                                                                                 |
| Liquid limit                         | AASHTO T89                  | Aggregate Testing for Transportation Systems (ATTS)<br>GRADINGTEC-I, or ACT-GRADING                                                                                                                                                                                                                                             |
| Plasticity index                     | AASHTO T90 <sup>[3]</sup>   |                                                                                                                                                                                                                                                                                                                                 |
| Sampling freshly mixed concrete      | AASHTO R60                  | PCCTEC-1<br>ACT-PCC                                                                                                                                                                                                                                                                                                             |
| Air content of fresh concrete        | AASHTO T152 <sup>[2]</sup>  |                                                                                                                                                                                                                                                                                                                                 |
| Air void system of fresh concrete    | AASHTO TP118 <sup>[5]</sup> |                                                                                                                                                                                                                                                                                                                                 |
| Concrete slump                       | AASHTO T119 <sup>[2]</sup>  |                                                                                                                                                                                                                                                                                                                                 |
| Concrete temperature                 | ASTM C1064                  |                                                                                                                                                                                                                                                                                                                                 |
| Making and curing concrete cylinders | AASHTO T23                  |                                                                                                                                                                                                                                                                                                                                 |
| Moist curing for concrete cylinders  | AASHTO M201                 |                                                                                                                                                                                                                                                                                                                                 |
| Concrete compressive strength        | AASHTO T22                  | Concrete Strength Tester (CST)<br>CST Assistant Certified Technician (ACT-CST)                                                                                                                                                                                                                                                  |
| Concrete flexural strength           | AASHTO T97                  |                                                                                                                                                                                                                                                                                                                                 |
| Profiling                            | —                           | PROFILER                                                                                                                                                                                                                                                                                                                        |

<sup>[1]</sup> As modified in CMM 8-60.

<sup>[2]</sup> As modified in CMM 8-70.

<sup>[3]</sup> A plasticity check, if required under individual QMP provisions, may be performed by an AGGTEC-I in addition to the certifications listed for liquid limit and plasticity index tests.

<sup>[4]</sup> Plant personnel may operate equipment to obtain samples under the direct observation of a TMS or higher.

<sup>[5]</sup> Consolidate by rodding.

**715.2.1 General**

*Replace paragraph five with the following effective with the December 2019 letting:*

- (5) For new lab-qualified mixes, test the air void system of the proposed concrete mix. Include the SAM number as a part of the mix design submittal.



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**715.3.1.1 General**

Replace paragraph two with the following effective with the December 2019 letting:

- (2) Test the air void system at least once per lot and enter the SAM number in the MRS for information only. SAM testing is not required for the following:
- For lots with less than 4 sublots.
  - High early strength (HES) concrete.
  - Special high early strength (SHES) concrete.
  - Concrete placed under the following bid items:
    - Concrete Pavement Approach Slab
    - Concrete Masonry Culverts
    - Concrete Masonry Retaining Walls
    - Steel Grid Floor Concrete Filled
    - Crash Cushions Permanent
    - Crash Cushions Permanent Low Maintenance
    - Crash Cushions Temporary
- 

**730.3.1 General**

Replace paragraph three with the following effective with the December 2019 letting:

- (3) Stockpile tests<sup>[1]</sup> can be used for multiple projects. If placement on a project does not begin within 120 calendar days after the date the stockpile sample was obtained, retest the stockpile before placement begins.

<sup>[1]</sup> Replace the stockpile test with an in-place production test for concrete pavement recycled and processed on-site; test on the first day of production.

---

**730.3.2 Contractor QC Testing**

Replace paragraph four with the following effective with the December 2019 letting:

- (4) Submit test results to the engineer within one business day of obtaining the sample, except any aggregate classification with recycled asphalt may be submitted within two business days.
- 

**730.3.4.1 Contractor QC Testing**

Replace the entire text with the following effective with the December 2019 letting:

- (1) For small quantity contracts with  $\leq 500$  tons, submit 2 production tests or 1 stockpile test. Production tests are valid for 3 years from the date the production sample was obtained. Begin placement within 3 years of the date sampled.
- (2) For small quantity contracts with  $\leq 6000$  tons and  $> 500$  tons, do the following:
1. Conduct one QC stockpile test before placement.
  2. Submit 2 production tests or conduct 1 loadout test instead of placement tests. Production tests are valid for 3 years from the date the production sample was obtained; the first day of placement must be within 3 years of the date sampled.
  3. If the actual quantity placed is more than 6000 tons, on the next day of placement perform one additional random QC test for each 3000 tons of overrun, or fraction thereof.
- 

**740.3.2 Contractor QC Testing**

Replace paragraph three with the following effective with the December 2019 letting:

- (3) Field-locate the beginning and ending points for each profile run. Measure the profiles of each standard and partial segment. Define primary segments starting at a project terminus and running contiguously along the mainline to the other project terminus. Define segments one wheel path wide and distinguished by length as follows:
1. Standard segments are 500 feet long.
  2. Partial segments are less than 500 feet long.

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**Errata**

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**104.6.1.2.3 Drop-Off and Hazard Protection**

Correct errata by changing 2 inches or greater to greater than 2 inches.

- (1) Eliminate vertical drop-offs greater than 2 inches and edge slopes steeper than 3:1 between adjacent lanes open to traffic.

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**305.3.3.3 Shoulders Adjacent to Asphaltic Pavement or Surfacing**

Correct errata by changing 2-inch or more to greater than 2-inch.

- (2) If the roadway remains open to through traffic during construction and a greater than 2-inch drop-off occurs within 3 feet or less from the edge of the traveled way, eliminate the drop-off within 48 hours after completing that days paving. Unless the special provisions specify otherwise, provide aggregate shoulder material compacted to a temporary 3:1 or flatter cross slope from the surface of the pavement edge.

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**501.3.2.2 Concrete Proportions**

Correct errata in footnote [8] by allowing either grade 100 or grade 120 slag in C-S concrete.

<sup>[8]</sup> For grade C-S concrete, use grade 100 or grade 120 slag.

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**614.3.6 Thrie Beam Structure Approach Retro Fits**

Correct errata by deleting the galvanization reference already required under 614.3.1.

- (2) Install posts and drill holes into existing thrie beam conforming to 614.3.2.

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**628.3.7 Mobilizations for Erosion Control**

Correct errata by clarifying that mobilizations for erosion control include proceeding with the work.

- (1) Move personnel, equipment, and materials to the project site and promptly proceed with construction of erosion control items at the stages the contract indicates or the engineer directs.

**ADDITIONAL SPECIAL PROVISION 7**

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

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

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

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

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

<https://wisconsindot.gov/Documents/doing-bus/civil-rights/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) 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. 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 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 or by telephone. Contact Paul Ndon at (414) 438-4584 to schedule the training.

(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) Firms wishing to export payroll/labor data from their computer system into CRCS should have their payroll coordinator contact Paul Ndon at [paul.ndon@dot.wi.gov](mailto:paul.ndon@dot.wi.gov). Not every contractor's payroll system is capable of producing 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>

## REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Nonsegregated 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. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

### 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 (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).

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.

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). 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 bid proposal or request for proposal 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).

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.

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. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

### II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 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 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, 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 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, 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 230, 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 (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 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 35 and 29 CFR 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.

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, 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 who 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.

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, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure 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. 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, 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, 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 there under. 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, 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 and 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. Assurance Required by 49 CFR 26.13(b):**

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor 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 contracting agency deems appropriate.

**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 \$10,000 or more.

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, 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). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

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

a. All laborers and mechanics employed or working upon the site of the work, 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 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.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. 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 shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). 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 classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall 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. (1) The contracting officer shall 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 shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore 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 utilized 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) 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 shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. 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.

(3) 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 shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour 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.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall 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.

c. 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 shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. 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, 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.

## **2. Withholding**

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, 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.

## **3. Payrolls and basic records**

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, 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 section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) 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 section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall 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. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed 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 Regulations, 29 CFR part 3;

(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 of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, 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 may be grounds for debarment action pursuant to 29 CFR 5.12.

#### **4. Apprentices and trainees**

##### **a. Apprentices (programs of the USDOL).**

Apprentices will be permitted to work at less than the predetermined rate for the work they performed 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 Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall 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 the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall 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, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

##### **b. Trainees (programs of the USDOL).**

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. 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. 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 journeymen 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.

**6. Subcontracts.** The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 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.

**9. Disputes concerning labor standards.** 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 he or she) 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 section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

**V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT**

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 watchmen 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.

**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. 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 watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 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.

**3. Withholding for unpaid wages and liquidated damages.** The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or 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, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

**4. Subcontracts.** The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

## VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

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" 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:

(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.

2. 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. 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.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

## 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 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.

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 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).

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 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 1, 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**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

#### **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.

##### **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.

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.

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.

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 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee 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 grantee or subgrantee 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.

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.

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. 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 Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

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. 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) 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;

(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; 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.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

## **2. 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)

a. By signing and submitting this proposal, the prospective lower tier 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.

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 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 grantee or subgrantee 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 grantee or subgrantee 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.

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.

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 Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

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.

\* \* \* \* \*

**Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:**

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall 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 20).

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.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS  
PREFERENCE FOR APPALACHIAN DEVELOPMENT  
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS  
ROAD CONTRACTS**

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).

SEPTEMBER 2002

**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.

**APRIL 2013**

**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.

**Effective August 2015 letting**

### **BUY AMERICA PROVISION**

All steel and iron materials permanently incorporated in this project shall be domestic products and all manufacturing and coating processes for these materials from smelting forward in the manufacturing process 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 this 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. The contractor shall take actions and provide documentation conforming to CMM 2-28.5 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 WS4567, that all steel, iron, and coating processes for steel or iron incorporated into the contract work conform to these "Buy America" provisions. Attach a list of exemptions and their associated costs to the certification form. Department form WS4567 is available at:

<https://wisconsindot.gov/hcciDocs/contracting-info/ws4567.doc>

## 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](https://www.dol.gov/whd/FOH/FOH_Ch15.pdf)
- Truck drivers transporting materials or supplies between a facility that is deemed part of the site of the work and the actual construction site.
- Truck drivers transporting portions of the building or work between a site established specifically for the performance of the contract where a significant portion of such building or work is constructed and the physical place where the building or work called for in the contract will remain.

Truck drivers are not covered by Davis-Bacon Minimum Wage Rates in the following circumstances:

- Material delivery truck drivers while off the site of the work.
- Drivers of a contractor or subcontractor traveling between a Davis-Bacon job and a commercial supply facility while they are off the site of the work."
- Truck drivers whose time spent on the site of the work is de minimis, such as only a few minutes at a time merely to pick up or drop off materials or supplies.

Details are available online at:

<https://www.dol.gov/whd/recovery/pwrb/Tab9.pdf>

<https://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/trckng.aspx>

### **III. POSTINGS AT THE SITE OF THE WORK**

In addition to the required postings furnished by the department, the contractor shall post the following in at least one conspicuous and accessible place at the site of work:

- a. A copy of the contractor's Equal Employment Opportunity Policy.

All required documents shall be posted by the first day of work and be accurate and complete. Postings must be readable, in an area where they will be noticed, and maintained until the last day of work.

### **IV. RESOURCES**

Required information regarding compliance with federal provisions is found in the following resources:

- FHWA-1273 included in this contract
- U.S. Department of Labor Prevailing Wage Resource Book
- U.S. Department of Labor Field Operations Handbook
- U.S. Code of Federal Regulations
- Any applicable law, Act, or Executive Order enacted by the federal government at the time of the letting of this contract

"General Decision Number: WI20200010 07/17/2020

Superseded General Decision Number: WI20190010

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: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 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, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 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 calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

| Modification Number | Publication Date |
|---------------------|------------------|
| 0                   | 01/03/2020       |
| 1                   | 01/24/2020       |
| 2                   | 02/28/2020       |
| 3                   | 03/06/2020       |
| 4                   | 06/05/2020       |
| 5                   | 06/12/2020       |
| 6                   | 06/19/2020       |
| 7                   | 07/17/2020       |

BRWI0001-002 06/03/2019

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 33.80 | 24.28   |
| -----           |          |         |

BRWI0002-002 06/01/2019

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 39.94 | 23.30   |
| -----           |          |         |

BRWI0002-005 06/01/2019

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... | \$ 35.51 | 23.37   |
| -----                             |          |         |

BRWI0003-002 06/03/2019

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 34.18 | 23.90   |
| -----           |          |         |

BRWI0004-002 06/01/2019

KENOSHA, RACINE, AND WALWORTH COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 38.43 | 25.10   |
| -----           |          |         |

BRWI0006-002 06/01/2019

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

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| BRICKLAYER.....         | \$ 35.06 | 23.02   |
| -----                   |          |         |
| BRWI0007-002 06/03/2019 |          |         |

GREEN, LAFAYETTE, AND ROCK COUNTIES

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| BRICKLAYER.....         | \$ 35.57 | 24.22   |
| -----                   |          |         |
| BRWI0008-002 06/01/2019 |          |         |

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| BRICKLAYER.....         | \$ 38.93 | 24.22   |
| -----                   |          |         |
| BRWI0011-002 06/03/2019 |          |         |

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| BRICKLAYER.....         | \$ 34.18 | 23.90   |
| -----                   |          |         |
| BRWI0019-002 06/03/2019 |          |         |

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

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| BRICKLAYER.....         | \$ 33.40 | 24.68   |
| -----                   |          |         |
| BRWI0034-002 06/03/2019 |          |         |

COLUMBIA AND SAUK COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 35.56 | 24.23   |

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CARP0087-001 05/01/2016

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..... | \$ 36.85 | 18.39   |

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CARP0252-002 06/01/2016

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO, BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except area bordering Michigan State Line), FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 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 |
|-----------------|----------|---------|
| CARPENTER       |          |         |
| CARPENTER.....  | \$ 33.56 | 18.00   |
| MILLWRIGHT..... | \$ 35.08 | 18.35   |
| PILEDRIVER..... | \$ 34.12 | 18.00   |

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CARP0252-010 06/01/2016

ASHLAND COUNTY

|                  | Rates    | Fringes |
|------------------|----------|---------|
| Carpenters       |          |         |
| Carpenter.....   | \$ 33.56 | 18.00   |
| Millwright.....  | \$ 35.08 | 18.35   |
| Pile Driver..... | \$ 34.12 | 18.00   |

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CARP0264-003 06/01/2016

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

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| CARPENTER.....          | \$ 35.78 | 22.11   |
| -----                   |          |         |
| CARP0361-004 05/01/2018 |          |         |

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| CARPENTER.....          | \$ 36.15 | 20.43   |
| -----                   |          |         |
| CARP2337-001 06/01/2016 |          |         |

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| PILEDRIVERMAN           |          |         |
| Zone A.....             | \$ 31.03 | 22.69   |
| Zone B.....             | \$ 31.03 | 22.69   |
| -----                   |          |         |
| ELEC0014-002 06/03/2019 |          |         |

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, TREMPPEALEAU, VERNON, AND WASHBURN  
COUNTIES

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| Electricians:.....      | \$ 35.59 | 20.87   |
| -----                   |          |         |
| ELEC0014-007 06/03/2019 |          |         |

REMAINING COUNTIES

|                           | Rates    | Fringes |
|---------------------------|----------|---------|
| Teledata System Installer |          |         |
| Installer/Technician..... | \$ 27.25 | 14.34   |

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).

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ELEC0127-002 06/01/2020

KENOSHA COUNTY

|                    | Rates    | Fringes   |
|--------------------|----------|-----------|
| Electricians:..... | \$ 41.62 | 30%+12.70 |

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ELEC0158-002 06/03/2019

BROWN, DOOR, KEWAUNEE, MANITOWOC (except Schleswig), MARINETTE(Wausaukee and area South thereof), OCONTO, MENOMINEE (East of a line 6 miles West of the West boundary of Oconto County), SHAWANO (Except Area North of Townships of Aniwa and Hutchins) COUNTIES

|                    | Rates    | Fringes      |
|--------------------|----------|--------------|
| Electricians:..... | \$ 33.52 | 29.75%+10.26 |

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ELEC0159-003 06/01/2019

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 |
|--------------------|----------|---------|
| Electricians:..... | \$ 40.30 | 22.24   |

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ELEC0219-004 06/01/2016

FLORENCE COUNTY (Townships of Aurora, Commonwealth, Fern, Florence and Homestead) AND MARINETTE COUNTY (Township of Niagara)



|                            | Rates    | Fringes |
|----------------------------|----------|---------|
| Electricians:              |          |         |
| Electrical contracts over  |          |         |
| \$180,000.....             | \$ 32.38 | 18.63   |
| Electrical contracts under |          |         |
| \$180,000.....             | \$ 30.18 | 18.42   |

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ELEC0242-005 05/16/2018

DOUGLAS COUNTY

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| Electricians:..... | \$ 36.85 | 26.17   |

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ELEC0388-002 06/03/2019

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:..... | \$ 33.56 | 26%+11.01 |

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ELEC0430-002 06/01/2020

RACINE COUNTY (Except Burlington Township)

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| Electricians:..... | \$ 41.86 | 22.66   |

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ELEC0494-005 06/01/2020

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| Electricians:..... | \$ 42.84 | 25.54   |

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ELEC0494-006 06/01/2020

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

(Schleswig), and SHEBOYGAN COUNTIES

|                           | Rates    | Fringes |
|---------------------------|----------|---------|
| Electricians:.....        | \$ 36.32 | 22.51   |
| -----                     |          |         |
| * ELEC0494-013 06/07/2020 |          |         |

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.....         | \$ 21.46 | 18.52   |
| Technician.....        | \$ 31.34 | 20.00   |

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

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ELEC0577-003 06/01/2019

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:.....\$ 33.15      28.50%+10.00

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ELEC0890-003 06/01/2020

DODGE (Emmet Township only), GREEN, JEFFERSON, LAFAYETTE,  
RACINE (Burlington Township), ROCK AND WALWORTH COUNTIES

|                    | Rates    | Fringes      |
|--------------------|----------|--------------|
| Electricians:..... | \$ 37.41 | 25.95%+11.11 |

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ELEC0953-001 06/02/2019

|                                      | Rates    | Fringes |
|--------------------------------------|----------|---------|
| Line Construction:                   |          |         |
| (1) Lineman.....                     | \$ 47.53 | 21.43   |
| (2) Heavy Equipment<br>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 06/01/2020

|                          | Rates    | Fringes |
|--------------------------|----------|---------|
| Power Equipment Operator |          |         |
| Group 1.....             | \$ 41.62 | 23.80   |
| Group 2.....             | \$ 41.12 | 23.80   |
| Group 3.....             | \$ 40.62 | 23.80   |
| Group 4.....             | \$ 40.36 | 23.80   |
| Group 5.....             | \$ 40.07 | 23.80   |
| Group 6.....             | \$ 34.17 | 23.80   |

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.

GROUP 6: Off-road material hauler with or without ejector.

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IRON0008-002 06/01/2020

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| IRONWORKER..... | \$ 37.31 | 27.62   |

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

-----  
IRON0008-003 06/01/2020

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| IRONWORKER..... | \$ 39.11 | 27.87   |

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

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IRON0383-001 06/01/2020

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..... | \$ 37.10 | 27.06   |

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IRON0498-005 06/01/2019

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

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| IRONWORKER.....         | \$ 40.25 | 40.53   |
| -----                   |          |         |
| IRON0512-008 06/03/2019 |          |         |

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

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| IRONWORKER.....         | \$ 37.60 | 29.40   |
| -----                   |          |         |
| IRON0512-021 06/03/2019 |          |         |

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

|                           | Rates    | Fringes |
|---------------------------|----------|---------|
| IRONWORKER.....           | \$ 33.19 | 29.40   |
| -----                     |          |         |
| * LAB00113-002 06/01/2020 |          |         |

MILWAUKEE AND WAUKESHA COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| LABORER      |          |         |
| Group 1..... | \$ 30.05 | 22.26   |
| Group 2..... | \$ 30.20 | 22.26   |
| Group 3..... | \$ 30.40 | 22.26   |
| Group 4..... | \$ 30.55 | 22.26   |
| Group 5..... | \$ 30.70 | 22.26   |
| Group 6..... | \$ 26.54 | 22.26   |

#### 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

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\* LAB00113-003 06/01/2020

OZAUKEE AND WASHINGTON COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| LABORER      |          |         |
| Group 1..... | \$ 29.30 | 22.26   |
| Group 2..... | \$ 29.40 | 22.26   |
| Group 3..... | \$ 29.45 | 22.26   |
| Group 4..... | \$ 29.65 | 22.26   |
| Group 5..... | \$ 29.50 | 22.26   |
| Group 6..... | \$ 26.39 | 22.26   |

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

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\* LAB00113-011 06/01/2020

KENOSHA AND RACINE COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| LABORER      |          |         |
| Group 1..... | \$ 29.11 | 22.26   |
| Group 2..... | \$ 29.26 | 22.26   |
| Group 3..... | \$ 29.46 | 22.26   |
| Group 4..... | \$ 29.43 | 22.26   |
| Group 5..... | \$ 29.76 | 22.26   |
| Group 6..... | \$ 26.25 | 22.26   |

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

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\* LAB00140-002 06/01/2020

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..... | \$ 33.72 | 17.95   |
| Group 2..... | \$ 33.82 | 17.95   |
| Group 3..... | \$ 33.87 | 17.95   |
| Group 4..... | \$ 34.07 | 17.95   |
| Group 5..... | \$ 33.92 | 17.95   |
| Group 6..... | \$ 30.35 | 17.95   |

#### 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

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 \* LAB00464-003 06/01/2020

#### DANE COUNTY

|              | Rates    | Fringes |
|--------------|----------|---------|
| LABORER      |          |         |
| Group 1..... | \$ 34.00 | 17.95   |

|              |          |       |
|--------------|----------|-------|
| Group 2..... | \$ 34.10 | 17.95 |
| Group 3..... | \$ 34.15 | 17.95 |
| Group 4..... | \$ 34.35 | 17.95 |
| Group 5..... | \$ 34.20 | 17.95 |
| Group 6..... | \$ 30.35 | 17.95 |

#### 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

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PAIN0106-008 05/01/2017

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

|                             | Rates    | Fringes |
|-----------------------------|----------|---------|
| Painters:                   |          |         |
| New:                        |          |         |
| Brush, Roller.....          | \$ 30.33 | 17.27   |
| Spray, Sandblast, Steel.... | \$ 30.93 | 17.27   |
| Repaint:                    |          |         |
| Brush, Roller.....          | \$ 28.83 | 17.27   |
| Spray, Sandblast, Steel.... | \$ 29.43 | 17.27   |

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PAIN0108-002 06/01/2019

RACINE COUNTY

| Rates | Fringes |
|-------|---------|
|-------|---------|

Painters:

|                        |          |       |
|------------------------|----------|-------|
| Brush, Roller.....     | \$ 36.08 | 20.36 |
| Spray & Sandblast..... | \$ 37.08 | 20.36 |

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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   |

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PAIN0259-004 05/01/2015

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

|              | Rates    | Fringes |
|--------------|----------|---------|
| PAINTER..... | \$ 22.03 | 12.45   |

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PAIN0781-002 06/01/2019

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

|                        | Rates    | Fringes |
|------------------------|----------|---------|
| Painters:              |          |         |
| Bridge.....            | \$ 33.30 | 23.86   |
| Brush.....             | \$ 32.95 | 23.86   |
| Spray & Sandblast..... | \$ 33.70 | 23.86   |

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PAIN0802-002 06/01/2019

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

|            | Rates    | Fringes |
|------------|----------|---------|
| PAINTER    |          |         |
| Brush..... | \$ 30.93 | 18.44   |

PREMIUM PAY:

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

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PAIN0802-003 06/01/2019

ADAMS, BROWN, CALUMET, CLARK, DOOR, FOND DU LAC, FOREST, GREEN  
LAKE, IRON, JUNEAU, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC,  
MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA,  
OUTAGAMIE, PORTAGE, PRICE, SHAWANO, SHEBOYGAN, TAYLOR, VILAS,  
WAUSHARA, WAUPACA, WINNEBAGO, AND WOOD COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| PAINTER..... | \$ 30.93 | 18.58   |

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PAIN0934-001 06/01/2017

KENOSHA AND WALWORTH COUNTIES

|                       | Rates    | Fringes |
|-----------------------|----------|---------|
| Painters:             |          |         |
| Brush.....            | \$ 33.74 | 18.95   |
| Spray.....            | \$ 34.74 | 18.95   |
| Structural Steel..... | \$ 33.89 | 18.95   |

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PAIN1011-002 06/02/2019

FLORENCE COUNTY

|                | Rates    | Fringes |
|----------------|----------|---------|
| Painters:..... | \$ 25.76 | 13.33   |

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PLAS0599-010 06/01/2017

|                                | Rates    | Fringes |
|--------------------------------|----------|---------|
| CEMENT MASON/CONCRETE FINISHER |          |         |
| Area 1.....                    | \$ 39.46 | 17.17   |
| Area 2 (BAC).....              | \$ 35.07 | 19.75   |
| Area 3.....                    | \$ 35.61 | 19.40   |
| Area 4.....                    | \$ 34.70 | 20.51   |
| Area 5.....                    | \$ 36.27 | 18.73   |
| Area 6.....                    | \$ 32.02 | 22.99   |

AREA DESCRIPTIONS

AREA 1: BAYFIELD, DOUGLAS, PRICE, SAWYER, AND WASHBURN  
COUNTIES

AREA 2: 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

AREA 3: BUFFALO, CRAWFORD, EAU CLAIRE, JACKSON, JUNEAU, LA CROSSE MONROE, PEPIN, PIERCE, RICHLAND, TREMPLEAU, AND VERNON COUNTIES

AREA 4: MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

AREA 5: DANE, GRANT, GREEN, IOWA, LAFAYETTE, AND ROCK COUNTIES

AREA 6: KENOSHA AND RACINE COUNTIES

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\* TEAM0039-001 06/01/2020

|                                                                            | Rates    | Fringes |
|----------------------------------------------------------------------------|----------|---------|
| TRUCK DRIVER                                                               |          |         |
| 1 & 2 Axles.....                                                           | \$ 31.07 | 22.94   |
| 3 or more Axles; Euclids,<br>Dumptor & Articulated,<br>Truck Mechanic..... | \$ 31.22 | 22.94   |
| -----                                                                      |          |         |
| WELL DRILLER.....                                                          | \$ 16.52 | 3.70    |
| -----                                                                      |          |         |

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 [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which 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. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that

no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of 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. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests

for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write 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 the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write 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 by 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

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"



**August 2018**

**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 24

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|----------------------------------------------------|--------------------------------|------------|------------|
| 0002                 | 201.0105<br>Clearing                               | 55.000<br>STA                  | _____.     | _____.     |
| 0004                 | 201.0120<br>Clearing                               | 200.000<br>ID                  | _____.     | _____.     |
| 0006                 | 201.0205<br>Grubbing                               | 55.000<br>STA                  | _____.     | _____.     |
| 0008                 | 201.0220<br>Grubbing                               | 200.000<br>ID                  | _____.     | _____.     |
| 0010                 | 203.0100<br>Removing Small Pipe Culverts           | 29.000<br>EACH                 | _____.     | _____.     |
| 0012                 | 204.0100<br>Removing Concrete Pavement             | 5,120.000<br>SY                | _____.     | _____.     |
| 0014                 | 204.0110<br>Removing Asphaltic Surface             | 225.000<br>SY                  | _____.     | _____.     |
| 0016                 | 204.0115<br>Removing Asphaltic Surface Butt Joints | 25.000<br>SY                   | _____.     | _____.     |
| 0018                 | 204.0130<br>Removing Curb                          | 560.000<br>LF                  | _____.     | _____.     |
| 0020                 | 204.0150<br>Removing Curb & Gutter                 | 3,565.000<br>LF                | _____.     | _____.     |
| 0022                 | 204.0155<br>Removing Concrete Sidewalk             | 2,725.000<br>SY                | _____.     | _____.     |
| 0024                 | 204.0165<br>Removing Guardrail                     | 325.000<br>LF                  | _____.     | _____.     |
| 0026                 | 204.0170<br>Removing Fence                         | 495.000<br>LF                  | _____.     | _____.     |
| 0028                 | 204.0180<br>Removing Delineators and Markers       | 15.000<br>EACH                 | _____.     | _____.     |
| 0030                 | 204.0210<br>Removing Manholes                      | 2.000<br>EACH                  | _____.     | _____.     |
| 0032                 | 204.0220<br>Removing Inlets                        | 9.000<br>EACH                  | _____.     | _____.     |



## Proposal Schedule of Items

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Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                     | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0034                 | 204.0245<br>Removing Storm Sewer (size) 01. 12-Inch                     | 112.000<br>LF                  | _____.     | _____.     |
| 0036                 | 204.0245<br>Removing Storm Sewer (size) 02. 18-Inch                     | 834.000<br>LF                  | _____.     | _____.     |
| 0038                 | 204.0245<br>Removing Storm Sewer (size) 03. 24-Inch                     | 25.000<br>LF                   | _____.     | _____.     |
| 0040                 | 204.0245<br>Removing Storm Sewer (size) 04. 30-Inch                     | 12.000<br>LF                   | _____.     | _____.     |
| 0042                 | 204.9060.S<br>Removing (item description) 01. Apron Endwalls            | 6.000<br>EACH                  | _____.     | _____.     |
| 0044                 | 204.9060.S<br>Removing (item description) 02. Underdrain Apron Endwalls | 8.000<br>EACH                  | _____.     | _____.     |
| 0046                 | 204.9090.S<br>Removing (item description) 01. Culvert Pipe              | 86.000<br>LF                   | _____.     | _____.     |
| 0048                 | 204.9090.S<br>Removing (item description) 02. Pipe Underdrain 6-Inch    | 1,930.000<br>LF                | _____.     | _____.     |
| 0050                 | 205.0100<br>Excavation Common                                           | 141,000.000<br>CY              | _____.     | _____.     |
| 0052                 | 206.1000<br>Excavation for Structures Bridges (structure) 01. B-5-416   | LS                             | LUMP SUM   | _____.     |
| 0054                 | 208.0100<br>Borrow                                                      | 573,088.000<br>CY              | _____.     | _____.     |
| 0056                 | 208.1100<br>Select Borrow                                               | 44,381.000<br>CY               | _____.     | _____.     |
| 0058                 | 210.1500<br>Backfill Structure Type A                                   | 590.000<br>TON                 | _____.     | _____.     |
| 0060                 | 213.0100<br>Finishing Roadway (project) 01. 9200-10-71                  | 1.000<br>EACH                  | _____.     | _____.     |



## Proposal Schedule of Items

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Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

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                 | 213.0100<br>Finishing Roadway (project) 02. 9200-10-72 | 1.000<br>EACH                  | _____.     | _____.     |
| 0064                 | 214.0100<br>Obliterating Old Road                      | 7.600<br>STA                   | _____.     | _____.     |
| 0066                 | 305.0110<br>Base Aggregate Dense 3/4-Inch              | 3,310.000<br>TON               | _____.     | _____.     |
| 0068                 | 305.0120<br>Base Aggregate Dense 1 1/4-Inch            | 85,808.000<br>TON              | _____.     | _____.     |
| 0070                 | 305.0130<br>Base Aggregate Dense 3-Inch                | 18,200.000<br>TON              | _____.     | _____.     |
| 0072                 | 310.0115<br>Base Aggregate Open-Graded                 | 150.000<br>CY                  | _____.     | _____.     |
| 0074                 | 312.0110<br>Select Crushed Material                    | 110,660.000<br>TON             | _____.     | _____.     |
| 0076                 | 405.0100<br>Coloring Concrete WisDOT Red               | 630.000<br>CY                  | _____.     | _____.     |
| 0078                 | 415.0090<br>Concrete Pavement 9-Inch                   | 10,560.000<br>SY               | _____.     | _____.     |
| 0080                 | 415.0410<br>Concrete Pavement Approach Slab            | 80.000<br>SY                   | _____.     | _____.     |
| 0082                 | 415.4100<br>Concrete Pavement Joint Filling            | 5,590.000<br>SY                | _____.     | _____.     |
| 0084                 | 415.5110.S<br>Concrete Pavement Joint Layout           | 1.000<br>LS                    | _____.     | _____.     |
| 0086                 | 416.0160<br>Concrete Driveway 6-Inch                   | 50.000<br>SY                   | _____.     | _____.     |
| 0088                 | 416.0512<br>Concrete Truck Apron 12-Inch               | 1,915.000<br>SY                | _____.     | _____.     |
| 0090                 | 416.0610<br>Drilled Tie Bars                           | 395.000<br>EACH                | _____.     | _____.     |
| 0092                 | 450.4000<br>HMA Cold Weather Paving                    | 2,540.000<br>TON               | _____.     | _____.     |



## Proposal Schedule of Items

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Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                         | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-------------------------------------------------------------|--------------------------------|------------|------------|
| 0094                 | 455.0605<br>Tack Coat                                       | 5,060.000<br>GAL               | _____.     | _____.     |
| 0096                 | 460.2000<br>Incentive Density HMA Pavement                  | 12,120.000<br>DOL              | 1.00000    | 12,120.00  |
| 0098                 | 460.5223<br>HMA Pavement 3 LT 58-28 S                       | 2,660.000<br>TON               | _____.     | _____.     |
| 0100                 | 460.5224<br>HMA Pavement 4 LT 58-28 S                       | 2,050.000<br>TON               | _____.     | _____.     |
| 0102                 | 460.6223<br>HMA Pavement 3 MT 58-28 S                       | 8,550.000<br>TON               | _____.     | _____.     |
| 0104                 | 460.6424<br>HMA Pavement 4 MT 58-28 H                       | 5,660.000<br>TON               | _____.     | _____.     |
| 0106                 | 465.0105<br>Asphaltic Surface                               | 15.000<br>TON                  | _____.     | _____.     |
| 0108                 | 465.0120<br>Asphaltic Surface Driveways and Field Entrances | 345.000<br>TON                 | _____.     | _____.     |
| 0110                 | 465.0125<br>Asphaltic Surface Temporary                     | 200.000<br>TON                 | _____.     | _____.     |
| 0112                 | 465.0315<br>Asphaltic Flumes                                | 60.000<br>SY                   | _____.     | _____.     |
| 0114                 | 465.0400<br>Asphaltic Shoulder Rumble Strips                | 10,540.000<br>LF               | _____.     | _____.     |
| 0116                 | 502.0100<br>Concrete Masonry Bridges                        | 1,164.000<br>CY                | _____.     | _____.     |
| 0118                 | 502.3200<br>Protective Surface Treatment                    | 1,843.000<br>SY                | _____.     | _____.     |
| 0120                 | 502.3210<br>Pigmented Surface Sealer                        | 217.000<br>SY                  | _____.     | _____.     |
| 0122                 | 503.0146<br>Prestressed Girder Type I 45W-Inch              | 1,969.000<br>LF                | _____.     | _____.     |
| 0124                 | 505.0400<br>Bar Steel Reinforcement HS Structures           | 11,420.000<br>LB               | _____.     | _____.     |



## Proposal Schedule of Items

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Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                                  | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--------------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0126                 | 505.0600<br>Bar Steel Reinforcement HS Coated Structures                             | 182,680.000<br>LB              | _____.     | _____.     |
| 0128                 | 505.0800.S<br>Bar Steel Reinforcement HS Stainless Structures                        | 2,210.000<br>LB                | _____.     | _____.     |
| 0130                 | 506.2605<br>Bearing Pads Elastomeric Non-Laminated                                   | 36.000<br>EACH                 | _____.     | _____.     |
| 0132                 | 506.4000<br>Steel Diaphragms (structure) 01. B-5-416                                 | 32.000<br>EACH                 | _____.     | _____.     |
| 0134                 | 513.4091<br>Railing Tubular Screening                                                | 521.000<br>LF                  | _____.     | _____.     |
| 0136                 | 516.0500<br>Rubberized Membrane Waterproofing                                        | 32.000<br>SY                   | _____.     | _____.     |
| 0138                 | 517.1010.S<br>Concrete Staining (structure) 01. B-5-416                              | 6,070.000<br>SF                | _____.     | _____.     |
| 0140                 | 517.1015.S<br>Concrete Staining Multi-Color (structure) 01. B-5-416                  | 2,665.000<br>SF                | _____.     | _____.     |
| 0142                 | 517.1050.S<br>Architectural Surface Treatment (structure) 01. B-5-416                | 2,665.000<br>SF                | _____.     | _____.     |
| 0144                 | 520.1024<br>Apron Endwalls for Culvert Pipe 24-Inch                                  | 2.000<br>EACH                  | _____.     | _____.     |
| 0146                 | 520.2024<br>Culvert Pipe Temporary 24-Inch                                           | 88.000<br>LF                   | _____.     | _____.     |
| 0148                 | 520.8000<br>Concrete Collars for Pipe                                                | 13.000<br>EACH                 | _____.     | _____.     |
| 0150                 | 521.0348<br>Apron Endwalls for Culvert Pipe Sloped Cross Drains Steel 48-Inch 4 to 1 | 1.000<br>EACH                  | _____.     | _____.     |
| 0152                 | 521.1012<br>Apron Endwalls for Culvert Pipe Steel 12-Inch                            | 3.000<br>EACH                  | _____.     | _____.     |
| 0154                 | 521.1018<br>Apron Endwalls for Culvert Pipe Steel 18-Inch                            | 8.000<br>EACH                  | _____.     | _____.     |



## Proposal Schedule of Items

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Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                            | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|----------------------------------------------------------------|--------------------------------|------------|------------|
| 0156                 | 521.1024<br>Apron Endwalls for Culvert Pipe Steel 24-Inch      | 8.000<br>EACH                  | _____.     | _____.     |
| 0158                 | 521.1030<br>Apron Endwalls for Culvert Pipe Steel 30-Inch      | 2.000<br>EACH                  | _____.     | _____.     |
| 0160                 | 521.1217<br>Apron Endwalls for Pipe Arch Steel 17x13-Inch      | 2.000<br>EACH                  | _____.     | _____.     |
| 0162                 | 521.1221<br>Apron Endwalls for Pipe Arch Steel 21x15-Inch      | 4.000<br>EACH                  | _____.     | _____.     |
| 0164                 | 521.3118<br>Culvert Pipe Corrugated Steel 18-Inch              | 206.000<br>LF                  | _____.     | _____.     |
| 0166                 | 521.3124<br>Culvert Pipe Corrugated Steel 24-Inch              | 174.000<br>LF                  | _____.     | _____.     |
| 0168                 | 521.3130<br>Culvert Pipe Corrugated Steel 30-Inch              | 76.000<br>LF                   | _____.     | _____.     |
| 0170                 | 521.3717<br>Pipe Arch Corrugated Steel 17x13-Inch              | 34.000<br>LF                   | _____.     | _____.     |
| 0172                 | 521.3721<br>Pipe Arch Corrugated Steel 21x15-Inch              | 62.000<br>LF                   | _____.     | _____.     |
| 0174                 | 522.0118<br>Culvert Pipe Reinforced Concrete Class III 18-Inch | 64.000<br>LF                   | _____.     | _____.     |
| 0176                 | 522.0124<br>Culvert Pipe Reinforced Concrete Class III 24-Inch | 6.000<br>LF                    | _____.     | _____.     |
| 0178                 | 522.0130<br>Culvert Pipe Reinforced Concrete Class III 30-Inch | 142.000<br>LF                  | _____.     | _____.     |
| 0180                 | 522.0148<br>Culvert Pipe Reinforced Concrete Class III 48-Inch | 22.000<br>LF                   | _____.     | _____.     |
| 0182                 | 522.0430<br>Culvert Pipe Reinforced Concrete Class IV 30-Inch  | 164.000<br>LF                  | _____.     | _____.     |



## Proposal Schedule of Items

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Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                                              | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--------------------------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0184                 | 522.0436<br>Culvert Pipe Reinforced Concrete Class IV 36-Inch                                    | 184.000<br>LF                  | _____.     | _____.     |
| 0186                 | 522.1012<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch                          | 1.000<br>EACH                  | _____.     | _____.     |
| 0188                 | 522.1018<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch                          | 8.000<br>EACH                  | _____.     | _____.     |
| 0190                 | 522.1021<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 21-Inch                          | 1.000<br>EACH                  | _____.     | _____.     |
| 0192                 | 522.1024<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch                          | 5.000<br>EACH                  | _____.     | _____.     |
| 0194                 | 522.1030<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch                          | 4.000<br>EACH                  | _____.     | _____.     |
| 0196                 | 522.1036<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch                          | 6.000<br>EACH                  | _____.     | _____.     |
| 0198                 | 522.1048<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 48-Inch                          | 1.000<br>EACH                  | _____.     | _____.     |
| 0200                 | 522.2338<br>Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 38x60-Inch       | 152.000<br>LF                  | _____.     | _____.     |
| 0202                 | 522.2629<br>Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch | 1.000<br>EACH                  | _____.     | _____.     |
| 0204                 | 522.2638<br>Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 38x60-Inch | 2.000<br>EACH                  | _____.     | _____.     |
| 0206                 | 524.0124<br>Culvert Pipe Salvaged 24-Inch                                                        | 100.000<br>LF                  | _____.     | _____.     |
| 0208                 | 524.0624<br>Apron Endwalls for Culvert Pipe Salvaged 24-Inch                                     | 5.000<br>EACH                  | _____.     | _____.     |





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Contract Items

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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                  | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|----------------------------------------------------------------------|--------------------------------|------------|------------|
| 0210                 | 524.0630<br>Apron Endwalls for Culvert Pipe Salvaged 30-Inch         | 1.000<br>EACH                  | _____.     | _____.     |
| 0212                 | 550.1100<br>Piling Steel HP 10-Inch X 42 Lb                          | 5,265.000<br>LF                | _____.     | _____.     |
| 0214                 | 601.0405<br>Concrete Curb & Gutter 18-Inch Type A                    | 1,075.000<br>LF                | _____.     | _____.     |
| 0216                 | 601.0409<br>Concrete Curb & Gutter 30-Inch Type A                    | 2,600.000<br>LF                | _____.     | _____.     |
| 0218                 | 601.0411<br>Concrete Curb & Gutter 30-Inch Type D                    | 31,180.000<br>LF               | _____.     | _____.     |
| 0220                 | 601.0551<br>Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A      | 500.000<br>LF                  | _____.     | _____.     |
| 0222                 | 601.0553<br>Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D      | 150.000<br>LF                  | _____.     | _____.     |
| 0224                 | 601.0576<br>Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type J      | 60.000<br>LF                   | _____.     | _____.     |
| 0226                 | 601.0580<br>Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R      | 1,420.000<br>LF                | _____.     | _____.     |
| 0228                 | 601.0600<br>Concrete Curb Pedestrian                                 | 640.000<br>LF                  | _____.     | _____.     |
| 0230                 | 602.0405<br>Concrete Sidewalk 4-Inch                                 | 101,700.000<br>SF              | _____.     | _____.     |
| 0232                 | 602.0415<br>Concrete Sidewalk 6-Inch                                 | 4,660.000<br>SF                | _____.     | _____.     |
| 0234                 | 602.0515<br>Curb Ramp Detectable Warning Field Natural Patina        | 872.000<br>SF                  | _____.     | _____.     |
| 0236                 | 602.0615<br>Curb Ramp Detectable Warning Field Radial Natural Patina | 125.000<br>SF                  | _____.     | _____.     |
| 0238                 | 603.8000<br>Concrete Barrier Temporary Precast Delivered             | 3,200.000<br>LF                | _____.     | _____.     |



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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--------------------------------------------------------------------|--------------------------------|------------|------------|
| 0240                 | 603.8125<br>Concrete Barrier Temporary Precast Installed           | 3,200.000<br>LF                | _____.     | _____.     |
| 0242                 | 604.0500<br>Slope Paving Crushed Aggregate                         | 678.000<br>SY                  | _____.     | _____.     |
| 0244                 | 606.0200<br>Riprap Medium                                          | 800.000<br>CY                  | _____.     | _____.     |
| 0246                 | 608.0312<br>Storm Sewer Pipe Reinforced Concrete Class III 12-Inch | 247.000<br>LF                  | _____.     | _____.     |
| 0248                 | 608.0315<br>Storm Sewer Pipe Reinforced Concrete Class III 15-Inch | 296.000<br>LF                  | _____.     | _____.     |
| 0250                 | 608.0318<br>Storm Sewer Pipe Reinforced Concrete Class III 18-Inch | 884.000<br>LF                  | _____.     | _____.     |
| 0252                 | 608.0324<br>Storm Sewer Pipe Reinforced Concrete Class III 24-Inch | 2,277.000<br>LF                | _____.     | _____.     |
| 0254                 | 608.0330<br>Storm Sewer Pipe Reinforced Concrete Class III 30-Inch | 1,498.000<br>LF                | _____.     | _____.     |
| 0256                 | 608.0336<br>Storm Sewer Pipe Reinforced Concrete Class III 36-Inch | 1,992.000<br>LF                | _____.     | _____.     |
| 0258                 | 608.0348<br>Storm Sewer Pipe Reinforced Concrete Class III 48-Inch | 1,249.000<br>LF                | _____.     | _____.     |
| 0260                 | 608.0412<br>Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch  | 969.000<br>LF                  | _____.     | _____.     |
| 0262                 | 608.0415<br>Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch  | 730.000<br>LF                  | _____.     | _____.     |
| 0264                 | 608.0418<br>Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch  | 1,074.000<br>LF                | _____.     | _____.     |



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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                                            | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|------------------------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0266                 | 608.0421<br>Storm Sewer Pipe Reinforced Concrete Class IV 21-Inch                              | 171.000<br>LF                  | _____.     | _____.     |
| 0268                 | 608.0424<br>Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch                              | 191.000<br>LF                  | _____.     | _____.     |
| 0270                 | 608.2329<br>Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch | 58.000<br>LF                   | _____.     | _____.     |
| 0272                 | 608.6008<br>Storm Sewer Pipe Composite 8-Inch                                                  | 138.000<br>LF                  | _____.     | _____.     |
| 0274                 | 608.6010<br>Storm Sewer Pipe Composite 10-Inch                                                 | 138.000<br>LF                  | _____.     | _____.     |
| 0276                 | 608.6012<br>Storm Sewer Pipe Composite 12-Inch                                                 | 236.000<br>LF                  | _____.     | _____.     |
| 0278                 | 611.0535<br>Manhole Covers Type J-Special                                                      | 58.000<br>EACH                 | _____.     | _____.     |
| 0280                 | 611.0624<br>Inlet Covers Type H                                                                | 111.000<br>EACH                | _____.     | _____.     |
| 0282                 | 611.0639<br>Inlet Covers Type H-S                                                              | 34.000<br>EACH                 | _____.     | _____.     |
| 0284                 | 611.0642<br>Inlet Covers Type MS                                                               | 5.000<br>EACH                  | _____.     | _____.     |
| 0286                 | 611.0652<br>Inlet Covers Type T                                                                | 8.000<br>EACH                  | _____.     | _____.     |
| 0288                 | 611.2003<br>Manholes 3-FT Diameter                                                             | 6.000<br>EACH                  | _____.     | _____.     |
| 0290                 | 611.2004<br>Manholes 4-FT Diameter                                                             | 5.000<br>EACH                  | _____.     | _____.     |
| 0292                 | 611.2005<br>Manholes 5-FT Diameter                                                             | 16.000<br>EACH                 | _____.     | _____.     |
| 0294                 | 611.2006<br>Manholes 6-FT Diameter                                                             | 12.000<br>EACH                 | _____.     | _____.     |



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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                  | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|----------------------------------------------------------------------|--------------------------------|------------|------------|
| 0296                 | 611.2007<br>Manholes 7-FT Diameter                                   | 10.000<br>EACH                 | _____.     | _____.     |
| 0298                 | 611.2008<br>Manholes 8-FT Diameter                                   | 1.000<br>EACH                  | _____.     | _____.     |
| 0300                 | 611.3004<br>Inlets 4-FT Diameter                                     | 12.000<br>EACH                 | _____.     | _____.     |
| 0302                 | 611.3225<br>Inlets 2x2.5-FT                                          | 4.000<br>EACH                  | _____.     | _____.     |
| 0304                 | 611.3230<br>Inlets 2x3-FT                                            | 135.000<br>EACH                | _____.     | _____.     |
| 0306                 | 611.3901<br>Inlets Median 1 Grate                                    | 1.000<br>EACH                  | _____.     | _____.     |
| 0308                 | 611.3902<br>Inlets Median 2 Grate                                    | 2.000<br>EACH                  | _____.     | _____.     |
| 0310                 | 611.9800.S<br>Pipe Grates                                            | 4.000<br>EACH                  | _____.     | _____.     |
| 0312                 | 612.0106<br>Pipe Underdrain 6-Inch                                   | 3,140.000<br>LF                | _____.     | _____.     |
| 0314                 | 612.0206<br>Pipe Underdrain Unperforated 6-Inch                      | 70.000<br>LF                   | _____.     | _____.     |
| 0316                 | 612.0406<br>Pipe Underdrain Wrapped 6-Inch                           | 238.000<br>LF                  | _____.     | _____.     |
| 0318                 | 612.0700<br>Drain Tile Exploration                                   | 50.000<br>LF                   | _____.     | _____.     |
| 0320                 | 612.0806<br>Apron Endwalls for Underdrain Reinforced Concrete 6-Inch | 7.000<br>EACH                  | _____.     | _____.     |
| 0322                 | 614.0150<br>Anchor Assemblies for Steel Plate Beam Guard             | 4.000<br>EACH                  | _____.     | _____.     |
| 0324                 | 614.0220<br>Steel Thrie Beam Bullnose Terminal                       | 2.000<br>EACH                  | _____.     | _____.     |
| 0326                 | 614.0230<br>Steel Thrie Beam                                         | 125.000<br>LF                  | _____.     | _____.     |



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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                          | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0328                 | 614.0905<br>Crash Cushions Temporary                                         | 4.000<br>EACH                  | _____.     | _____.     |
| 0330                 | 616.0700.S<br>Fence Safety                                                   | 400.000<br>LF                  | _____.     | _____.     |
| 0332                 | 618.0100<br>Maintenance And Repair of Haul Roads<br>(project) 01. 9200-10-71 | 1.000<br>EACH                  | _____.     | _____.     |
| 0334                 | 618.0100<br>Maintenance And Repair of Haul Roads<br>(project) 02. 9200-10-72 | 1.000<br>EACH                  | _____.     | _____.     |
| 0336                 | 619.1000<br>Mobilization                                                     | 1.000<br>EACH                  | _____.     | _____.     |
| 0338                 | 620.0300<br>Concrete Median Sloped Nose                                      | 1,490.000<br>SF                | _____.     | _____.     |
| 0340                 | 621.0100<br>Landmark Reference Monuments                                     | 14.000<br>EACH                 | _____.     | _____.     |
| 0342                 | 623.0200<br>Dust Control Surface Treatment                                   | 12,000.000<br>SY               | _____.     | _____.     |
| 0344                 | 624.0100<br>Water                                                            | 2,100.000<br>MGAL              | _____.     | _____.     |
| 0346                 | 625.0500<br>Salvaged Topsoil                                                 | 314,010.000<br>SY              | _____.     | _____.     |
| 0348                 | 627.0200<br>Mulching                                                         | 115,000.000<br>SY              | _____.     | _____.     |
| 0350                 | 628.1504<br>Silt Fence                                                       | 70,800.000<br>LF               | _____.     | _____.     |
| 0352                 | 628.1520<br>Silt Fence Maintenance                                           | 111,500.000<br>LF              | _____.     | _____.     |
| 0354                 | 628.1905<br>Mobilizations Erosion Control                                    | 36.000<br>EACH                 | _____.     | _____.     |
| 0356                 | 628.1910<br>Mobilizations Emergency Erosion Control                          | 26.000<br>EACH                 | _____.     | _____.     |
| 0358                 | 628.2004<br>Erosion Mat Class I Type B                                       | 307,500.000<br>SY              | _____.     | _____.     |



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| Proposal Line Number | Item ID Description                          | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|----------------------------------------------|--------------------------------|------------|------------|
| 0360                 | 628.2008<br>Erosion Mat Urban Class I Type B | 54,300.000<br>SY               | _____.     | _____.     |
| 0362                 | 628.2037<br>Erosion Mat Class III Type C     | 530.000<br>SY                  | _____.     | _____.     |
| 0364                 | 628.6510<br>Soil Stabilizer Type B           | 16.000<br>ACRE                 | _____.     | _____.     |
| 0366                 | 628.7005<br>Inlet Protection Type A          | 165.000<br>EACH                | _____.     | _____.     |
| 0368                 | 628.7010<br>Inlet Protection Type B          | 10.000<br>EACH                 | _____.     | _____.     |
| 0370                 | 628.7015<br>Inlet Protection Type C          | 185.000<br>EACH                | _____.     | _____.     |
| 0372                 | 628.7020<br>Inlet Protection Type D          | 10.000<br>EACH                 | _____.     | _____.     |
| 0374                 | 628.7504<br>Temporary Ditch Checks           | 1,400.000<br>LF                | _____.     | _____.     |
| 0376                 | 628.7555<br>Culvert Pipe Checks              | 320.000<br>EACH                | _____.     | _____.     |
| 0378                 | 628.7560<br>Tracking Pads                    | 17.000<br>EACH                 | _____.     | _____.     |
| 0380                 | 628.7570<br>Rock Bags                        | 1,200.000<br>EACH              | _____.     | _____.     |
| 0382                 | 629.0210<br>Fertilizer Type B                | 375.000<br>CWT                 | _____.     | _____.     |
| 0384                 | 630.0110<br>Seeding Mixture No. 10           | 1,800.000<br>LB                | _____.     | _____.     |
| 0386                 | 630.0120<br>Seeding Mixture No. 20           | 7,580.000<br>LB                | _____.     | _____.     |
| 0388                 | 630.0130<br>Seeding Mixture No. 30           | 280.000<br>LB                  | _____.     | _____.     |
| 0390                 | 630.0140<br>Seeding Mixture No. 40           | 700.000<br>LB                  | _____.     | _____.     |
| 0392                 | 630.0175<br>Seeding Mixture No. 75           | 65.000<br>LB                   | _____.     | _____.     |



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| Proposal Line Number | Item ID Description                                                                                     | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---------------------------------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0394                 | 630.0200<br>Seeding Temporary                                                                           | 500.000<br>LB                  | _____.     | _____.     |
| 0396                 | 630.0500<br>Seed Water                                                                                  | 1,500.000<br>MGAL              | _____.     | _____.     |
| 0398                 | 632.0101<br>Trees (species) (size) (root) 01. Syringa Reticulata, B&B, 2" Cal, Ivory Silk Lilac         | 6.000<br>EACH                  | _____.     | _____.     |
| 0400                 | 632.0101<br>Trees (species) (size) (root) 02. Juniperus Chinensis, B&B, 48" HT, Spartan Juniper         | 8.000<br>EACH                  | _____.     | _____.     |
| 0402                 | 632.0201<br>Shrubs (species) (size) (root) 01. Physocarpus Opulifolius 'Monlo', CG, #5 Ninebark Diabolo | 16.000<br>EACH                 | _____.     | _____.     |
| 0404                 | 632.0201<br>Shrubs (species) (size) (root) 02. Potentilla Fruticosa, CG, #2, Abbotswood Potentilla      | 72.000<br>EACH                 | _____.     | _____.     |
| 0406                 | 632.9101<br>Landscape Planting Surveillance and Care Cycles                                             | 12.000<br>EACH                 | _____.     | _____.     |
| 0408                 | 633.0100<br>Delineator Posts Steel                                                                      | 100.000<br>EACH                | _____.     | _____.     |
| 0410                 | 633.0500<br>Delineator Reflectors                                                                       | 136.000<br>EACH                | _____.     | _____.     |
| 0412                 | 633.5200<br>Markers Culvert End                                                                         | 16.000<br>EACH                 | _____.     | _____.     |
| 0414                 | 634.0612<br>Posts Wood 4x6-Inch X 12-FT                                                                 | 56.000<br>EACH                 | _____.     | _____.     |
| 0416                 | 634.0614<br>Posts Wood 4x6-Inch X 14-FT                                                                 | 74.000<br>EACH                 | _____.     | _____.     |
| 0418                 | 634.0616<br>Posts Wood 4x6-Inch X 16-FT                                                                 | 45.000<br>EACH                 | _____.     | _____.     |
| 0420                 | 634.0618<br>Posts Wood 4x6-Inch X 18-FT                                                                 | 31.000<br>EACH                 | _____.     | _____.     |



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| Proposal Line Number | Item ID Description                                 | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-----------------------------------------------------|--------------------------------|------------|------------|
| 0422                 | 634.0812<br>Posts Tubular Steel 2x2-Inch X 12-FT    | 4.000<br>EACH                  | _____.     | _____.     |
| 0424                 | 635.0200<br>Sign Supports Structural Steel HS       | 9,555.000<br>LB                | _____.     | _____.     |
| 0426                 | 636.0100<br>Sign Supports Concrete Masonry          | 14.000<br>CY                   | _____.     | _____.     |
| 0428                 | 636.0500<br>Sign Supports Steel Reinforcement       | 826.000<br>LB                  | _____.     | _____.     |
| 0430                 | 637.1220<br>Signs Type I Reflective SH              | 2,312.500<br>SF                | _____.     | _____.     |
| 0432                 | 637.2210<br>Signs Type II Reflective H              | 1,477.820<br>SF                | _____.     | _____.     |
| 0434                 | 637.2220<br>Signs Type II Reflective SH             | 20.250<br>SF                   | _____.     | _____.     |
| 0436                 | 637.2230<br>Signs Type II Reflective F              | 323.170<br>SF                  | _____.     | _____.     |
| 0438                 | 638.2601<br>Removing Signs Type I                   | 8.000<br>EACH                  | _____.     | _____.     |
| 0440                 | 638.2602<br>Removing Signs Type II                  | 128.000<br>EACH                | _____.     | _____.     |
| 0442                 | 638.3000<br>Removing Small Sign Supports            | 171.000<br>EACH                | _____.     | _____.     |
| 0444                 | 638.3100<br>Removing Structural Steel Sign Supports | 6.000<br>EACH                  | _____.     | _____.     |
| 0446                 | 640.1303.S<br>Pond Liner Clay                       | 7,420.000<br>CY                | _____.     | _____.     |
| 0448                 | 642.5401<br>Field Office Type D                     | 1.000<br>EACH                  | _____.     | _____.     |
| 0450                 | 643.0300<br>Traffic Control Drums                   | 65,200.000<br>DAY              | _____.     | _____.     |
| 0452                 | 643.0420<br>Traffic Control Barricades Type III     | 19,400.000<br>DAY              | _____.     | _____.     |
| 0454                 | 643.0705<br>Traffic Control Warning Lights Type A   | 28,400.000<br>DAY              | _____.     | _____.     |





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| Proposal Line Number | Item ID Description                                             | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-----------------------------------------------------------------|--------------------------------|------------|------------|
| 0456                 | 643.0715<br>Traffic Control Warning Lights Type C               | 22,500.000<br>DAY              | _____.     | _____.     |
| 0458                 | 643.0800<br>Traffic Control Arrow Boards                        | 3,600.000<br>DAY               | _____.     | _____.     |
| 0460                 | 643.0900<br>Traffic Control Signs                               | 71,300.000<br>DAY              | _____.     | _____.     |
| 0462                 | 643.1000<br>Traffic Control Signs Fixed Message                 | 126.000<br>SF                  | _____.     | _____.     |
| 0464                 | 643.1050<br>Traffic Control Signs PCMS                          | 500.000<br>DAY                 | _____.     | _____.     |
| 0466                 | 643.5000<br>Traffic Control                                     | 1.000<br>EACH                  | _____.     | _____.     |
| 0468                 | 645.0111<br>Geotextile Type DF Schedule A                       | 2,794.000<br>SY                | _____.     | _____.     |
| 0470                 | 645.0120<br>Geotextile Type HR                                  | 2,320.000<br>SY                | _____.     | _____.     |
| 0472                 | 645.0140<br>Geotextile Type SAS                                 | 88,410.000<br>SY               | _____.     | _____.     |
| 0474                 | 646.1020<br>Marking Line Epoxy 4-Inch                           | 53,675.000<br>LF               | _____.     | _____.     |
| 0476                 | 646.1555<br>Marking Line Grooved Contrast Permanent Tape 4-Inch | 100.000<br>LF                  | _____.     | _____.     |
| 0478                 | 646.3020<br>Marking Line Epoxy 8-Inch                           | 540.000<br>LF                  | _____.     | _____.     |
| 0480                 | 646.3555<br>Marking Line Grooved Contrast Permanent Tape 8-Inch | 3,380.000<br>LF                | _____.     | _____.     |
| 0482                 | 646.5020<br>Marking Arrow Epoxy                                 | 8.000<br>EACH                  | _____.     | _____.     |
| 0484                 | 646.6120<br>Marking Stop Line Epoxy 18-Inch                     | 15.000<br>LF                   | _____.     | _____.     |
| 0486                 | 646.6464<br>Cold Weather Marking Epoxy 4-Inch                   | 10,940.000<br>LF               | _____.     | _____.     |



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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                       | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0488                 | 646.6468<br>Cold Weather Marking Epoxy 8-Inch                             | 290.000<br>LF                  | _____.     | _____.     |
| 0490                 | 646.7120<br>Marking Diagonal Epoxy 12-Inch                                | 530.000<br>LF                  | _____.     | _____.     |
| 0492                 | 646.7420<br>Marking Crosswalk Epoxy Transverse Line 6-Inch                | 1,510.000<br>LF                | _____.     | _____.     |
| 0494                 | 646.8120<br>Marking Curb Epoxy                                            | 375.000<br>LF                  | _____.     | _____.     |
| 0496                 | 646.8220<br>Marking Island Nose Epoxy                                     | 10.000<br>EACH                 | _____.     | _____.     |
| 0498                 | 646.9010<br>Marking Removal Line Water Blasting 4-Inch                    | 4,085.000<br>LF                | _____.     | _____.     |
| 0500                 | 646.9110<br>Marking Removal Line Water Blasting 8-Inch                    | 3,415.000<br>LF                | _____.     | _____.     |
| 0502                 | 649.0120<br>Temporary Marking Line Epoxy 4-Inch                           | 920.000<br>LF                  | _____.     | _____.     |
| 0504                 | 649.0820<br>Temporary Marking Stop Line Epoxy 18-Inch                     | 30.000<br>LF                   | _____.     | _____.     |
| 0506                 | 650.4000<br>Construction Staking Storm Sewer                              | 216.000<br>EACH                | _____.     | _____.     |
| 0508                 | 650.4500<br>Construction Staking Subgrade                                 | 31,764.000<br>LF               | _____.     | _____.     |
| 0510                 | 650.5000<br>Construction Staking Base                                     | 21,878.000<br>LF               | _____.     | _____.     |
| 0512                 | 650.5500<br>Construction Staking Curb Gutter and Curb & Gutter            | 33,203.000<br>LF               | _____.     | _____.     |
| 0514                 | 650.6000<br>Construction Staking Pipe Culverts                            | 15.000<br>EACH                 | _____.     | _____.     |
| 0516                 | 650.6500<br>Construction Staking Structure Layout (structure) 01. B-5-416 | LS                             | LUMP SUM   | _____.     |



## Proposal Schedule of Items

Page 18 of 24

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                                | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|------------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0518                 | 650.7000<br>Construction Staking Concrete Pavement                                 | 9,886.000<br>LF                | _____.     | _____.     |
| 0520                 | 650.8500<br>Construction Staking Electrical Installations (project) 01. 9200-10-71 | LS                             | LUMP SUM   | _____.     |
| 0522                 | 650.9000<br>Construction Staking Curb Ramps                                        | 49.000<br>EACH                 | _____.     | _____.     |
| 0524                 | 650.9910<br>Construction Staking Supplemental Control (project) 01. 9200-10-71     | LS                             | LUMP SUM   | _____.     |
| 0526                 | 650.9910<br>Construction Staking Supplemental Control (project) 02. 9200-10-72     | LS                             | LUMP SUM   | _____.     |
| 0528                 | 650.9920<br>Construction Staking Slope Stakes                                      | 34,606.000<br>LF               | _____.     | _____.     |
| 0530                 | 652.0125<br>Conduit Rigid Metallic 2-Inch                                          | 34.000<br>LF                   | _____.     | _____.     |
| 0532                 | 652.0225<br>Conduit Rigid Nonmetallic Schedule 40 2-Inch                           | 7,933.000<br>LF                | _____.     | _____.     |
| 0534                 | 652.0235<br>Conduit Rigid Nonmetallic Schedule 40 3-Inch                           | 2,065.000<br>LF                | _____.     | _____.     |
| 0536                 | 652.0605<br>Conduit Special 2-Inch                                                 | 95.000<br>LF                   | _____.     | _____.     |
| 0538                 | 652.0700.S<br>Install Conduit into Existing Item                                   | 2.000<br>EACH                  | _____.     | _____.     |
| 0540                 | 653.0140<br>Pull Boxes Steel 24x42-Inch                                            | 2.000<br>EACH                  | _____.     | _____.     |
| 0542                 | 653.0164<br>Pull Boxes Non-Conductive 24x42-Inch                                   | 40.000<br>EACH                 | _____.     | _____.     |
| 0544                 | 653.0222<br>Junction Boxes 18x12x6-Inch                                            | 1.000<br>EACH                  | _____.     | _____.     |
| 0546                 | 653.0905<br>Removing Pull Boxes                                                    | 21.000<br>EACH                 | _____.     | _____.     |



## Proposal Schedule of Items

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Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                                     | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-----------------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0548                 | 654.0105<br>Concrete Bases Type 5                                                       | 42.000<br>EACH                 | _____.     | _____.     |
| 0550                 | 654.0230<br>Concrete Control Cabinet Bases Type L30                                     | 2.000<br>EACH                  | _____.     | _____.     |
| 0552                 | 654.1150<br>Concrete Bases Camera Pole 50-FT                                            | 1.000<br>EACH                  | _____.     | _____.     |
| 0554                 | 655.0515<br>Electrical Wire Traffic Signals 10 AWG                                      | 755.000<br>LF                  | _____.     | _____.     |
| 0556                 | 655.0525<br>Electrical Wire Traffic Signals 6 AWG                                       | 330.000<br>LF                  | _____.     | _____.     |
| 0558                 | 655.0610<br>Electrical Wire Lighting 12 AWG                                             | 8,853.000<br>LF                | _____.     | _____.     |
| 0560                 | 655.0615<br>Electrical Wire Lighting 10 AWG                                             | 9,320.000<br>LF                | _____.     | _____.     |
| 0562                 | 655.0625<br>Electrical Wire Lighting 6 AWG                                              | 29,865.000<br>LF               | _____.     | _____.     |
| 0564                 | 656.0200<br>Electrical Service Meter Breaker Pedestal (location) 01. CB100              | LS                             | LUMP SUM   | _____.     |
| 0566                 | 656.0200<br>Electrical Service Meter Breaker Pedestal (location) 02. CB200              | LS                             | LUMP SUM   | _____.     |
| 0568                 | 656.0200<br>Electrical Service Meter Breaker Pedestal (location) 03. STH 29 EB & CTH VV | LS                             | LUMP SUM   | _____.     |
| 0570                 | 656.0200<br>Electrical Service Meter Breaker Pedestal (location) 04. STH 29 WB & CTH VV | LS                             | LUMP SUM   | _____.     |
| 0572                 | 656.0500<br>Electrical Service Breaker Disconnect Box (location) 01. CCTV-05-0113       | LS                             | LUMP SUM   | _____.     |
| 0574                 | 657.0255<br>Transformer Bases Breakaway 11 1/2-Inch Bolt Circle                         | 42.000<br>EACH                 | _____.     | _____.     |



## Proposal Schedule of Items

Page 20 of 24

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                             | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-----------------------------------------------------------------|--------------------------------|------------|------------|
| 0576                 | 657.0322<br>Poles Type 5-Aluminum                               | 42.000<br>EACH                 | _____.     | _____.     |
| 0578                 | 657.0710<br>Luminaire Arms Truss Type 4 1/2-Inch<br>Clamp 12-FT | 43.000<br>EACH                 | _____.     | _____.     |
| 0580                 | 657.6005<br>Anchor Assemblies Light Poles on<br>Structures      | 1.000<br>EACH                  | _____.     | _____.     |
| 0582                 | 659.1115<br>Luminaires Utility LED A                            | 28.000<br>EACH                 | _____.     | _____.     |
| 0584                 | 659.1120<br>Luminaires Utility LED B                            | 15.000<br>EACH                 | _____.     | _____.     |
| 0586                 | 659.2130<br>Lighting Control Cabinets 120/240 30-<br>Inch       | 2.000<br>EACH                  | _____.     | _____.     |
| 0588                 | 670.0100<br>Field System Integrator                             | LS                             | LUMP SUM   | _____.     |
| 0590                 | 670.0200<br>ITS Documentation                                   | LS                             | LUMP SUM   | _____.     |
| 0592                 | 673.0200<br>Tracer Wire Marker Posts                            | 3.000<br>EACH                  | _____.     | _____.     |
| 0594                 | 673.0225.S<br>Install Pole Mounted Cabinet                      | 1.000<br>EACH                  | _____.     | _____.     |
| 0596                 | 677.0150<br>Install Camera Pole 50-FT                           | 1.000<br>EACH                  | _____.     | _____.     |
| 0598                 | 677.0200<br>Install Camera Assembly                             | 1.000<br>EACH                  | _____.     | _____.     |
| 0600                 | 678.0012<br>Install Fiber Optic Cable Outdoor Plant<br>12-CT    | 935.000<br>LF                  | _____.     | _____.     |
| 0602                 | 678.0300<br>Fiber Optic Splice                                  | 16.000<br>EACH                 | _____.     | _____.     |
| 0604                 | 678.0400<br>Fiber Optic Termination                             | 12.000<br>EACH                 | _____.     | _____.     |
| 0606                 | 678.0500<br>Communication System Testing                        | LS                             | LUMP SUM   | _____.     |



## Proposal Schedule of Items

Page 21 of 24

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                      | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0608                 | 678.0600<br>Install Ethernet Switches                                    | 1.000<br>EACH                  | _____.     | _____.     |
| 0610                 | 690.0150<br>Sawing Asphalt                                               | 10,185.000<br>LF               | _____.     | _____.     |
| 0612                 | 690.0250<br>Sawing Concrete                                              | 4,115.000<br>LF                | _____.     | _____.     |
| 0614                 | 715.0415<br>Incentive Strength Concrete Pavement                         | 5,540.000<br>DOL               | 1.00000    | 5,540.00   |
| 0616                 | 715.0502<br>Incentive Strength Concrete Structures                       | 6,950.000<br>DOL               | 1.00000    | 6,950.00   |
| 0618                 | 715.0710<br>Optimized Aggregate Gradation Incentive                      | 9,950.000<br>DOL               | 1.00000    | 9,950.00   |
| 0620                 | 740.0440<br>Incentive IRI Ride                                           | 5,890.000<br>DOL               | 1.00000    | 5,890.00   |
| 0622                 | 999.1500.S<br>Crack and Damage Survey                                    | LS                             | LUMP SUM   | _____.     |
| 0624                 | SPV.0035<br>Special 01. Planting Soil Mixture                            | 970.000<br>CY                  | _____.     | _____.     |
| 0626                 | SPV.0035<br>Special 02. Foundation Backfill                              | 125.000<br>CY                  | _____.     | _____.     |
| 0628                 | SPV.0060<br>Special 01. Manholes 10-FT Diameter                          | 1.000<br>EACH                  | _____.     | _____.     |
| 0630                 | SPV.0060<br>Special 02. Inlets 6-FT Diameter                             | 2.000<br>EACH                  | _____.     | _____.     |
| 0632                 | SPV.0060<br>Special 03. Apron Endwalls for Culvert<br>Pipe Steel 10-Inch | 2.000<br>EACH                  | _____.     | _____.     |
| 0634                 | SPV.0060<br>Special 04. Outfall Structure 2X2-FT                         | 3.000<br>EACH                  | _____.     | _____.     |
| 0636                 | SPV.0060<br>Special 05. Outfall Structure 3X3-FT                         | 2.000<br>EACH                  | _____.     | _____.     |
| 0638                 | SPV.0060<br>Special 06. Outfall Structure 3X6-FT                         | 1.000<br>EACH                  | _____.     | _____.     |



## Proposal Schedule of Items

Page 22 of 24

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                         | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-----------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0640                 | SPV.0060<br>Special 07. Rock Crib CTH TS                                    | 1.000<br>EACH                  | _____.     | _____.     |
| 0642                 | SPV.0060<br>Special 08. Rock Crib CTH VV                                    | 1.000<br>EACH                  | _____.     | _____.     |
| 0644                 | SPV.0060<br>Special 09. Rock Crib Evergreen Ave                             | 1.000<br>EACH                  | _____.     | _____.     |
| 0646                 | SPV.0060<br>Special 10. Construction Staking Pond Layout                    | 3.000<br>EACH                  | _____.     | _____.     |
| 0648                 | SPV.0060<br>Special 12. Storm Sewer Plug 12-Inch                            | 2.000<br>EACH                  | _____.     | _____.     |
| 0650                 | SPV.0060<br>Special 13. Storm Sewer Plug 21-Inch                            | 1.000<br>EACH                  | _____.     | _____.     |
| 0652                 | SPV.0060<br>Special 14. Storm Sewer Plug 24-Inch                            | 1.000<br>EACH                  | _____.     | _____.     |
| 0654                 | SPV.0060<br>Special 20. Cable Splice                                        | 10.000<br>EACH                 | _____.     | _____.     |
| 0656                 | SPV.0060<br>Special 21. Handhole                                            | 44.000<br>EACH                 | _____.     | _____.     |
| 0658                 | SPV.0060<br>Special 30. Concrete Control Cabinet Base NER Type 10           | 2.000<br>EACH                  | _____.     | _____.     |
| 0660                 | SPV.0060<br>Special 40. Grasses, Feather Reed Grass (Karl Foerster), CG, #1 | 93.000<br>EACH                 | _____.     | _____.     |
| 0662                 | SPV.0060<br>Special 41. Perennials, Russian Sage, CG, #1                    | 148.000<br>EACH                | _____.     | _____.     |
| 0664                 | SPV.0060<br>Special 42. Perennials, Professor Kippenbeg Aster, CG, #1       | 52.000<br>EACH                 | _____.     | _____.     |
| 0666                 | SPV.0060<br>Special 43. Perennials, Purple Gas Plant, CG, #1                | 49.000<br>EACH                 | _____.     | _____.     |
| 0668                 | SPV.0060<br>Special 44. Perennials, Butterfly Flower, CG, #1                | 25.000<br>EACH                 | _____.     | _____.     |



## Proposal Schedule of Items

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Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                    | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0670                 | SPV.0060<br>Special 45. Perennials, 'Bravado'<br>Coneflower, CG, #1    | 96.000<br>EACH                 | _____.     | _____.     |
| 0672                 | SPV.0060<br>Special 46. Perennials, 'Fireball'<br>Monarda, CG, #1      | 79.000<br>EACH                 | _____.     | _____.     |
| 0674                 | SPV.0060<br>Special 47. Perennials, 'Autumn Fire'<br>Sedum, CG, #1     | 123.000<br>EACH                | _____.     | _____.     |
| 0676                 | SPV.0060<br>Special 48. Perennials, 'Stella D' Oro'<br>Daylily, CG, #1 | 509.000<br>EACH                | _____.     | _____.     |
| 0678                 | SPV.0060<br>Special 49. Perennials, 'Autumn Joy',<br>Sedum, CG, #1     | 443.000<br>EACH                | _____.     | _____.     |
| 0680                 | SPV.0060<br>Special 50. Perennials, Moonshine<br>Yarrow, CG, #1        | 183.000<br>EACH                | _____.     | _____.     |
| 0682                 | SPV.0060<br>Special 60. Planting Pod                                   | 38.000<br>EACH                 | _____.     | _____.     |
| 0684                 | SPV.0060<br>Special 61. Submergent Wetland<br>Plantings                | 755.000<br>EACH                | _____.     | _____.     |
| 0686                 | SPV.0060<br>Special 62. Emergent Wetland Plantings                     | 1,520.000<br>EACH              | _____.     | _____.     |
| 0688                 | SPV.0090<br>Special 01. Concrete Curb & Gutter 24-<br>Inch Type D      | 145.000<br>LF                  | _____.     | _____.     |
| 0690                 | SPV.0090<br>Special 02. Fence Chain Link Polymer<br>Coated 6-FT        | 64.000<br>LF                   | _____.     | _____.     |
| 0692                 | SPV.0090<br>Special 03. Steel Casing Pipe 20-Inch                      | 380.000<br>LF                  | _____.     | _____.     |
| 0694                 | SPV.0090<br>Special 04. Concrete Curb Type G<br>Modified               | 50.000<br>LF                   | _____.     | _____.     |
| 0696                 | SPV.0090<br>Special 05. Storm Lateral 4-Inch                           | 50.000<br>LF                   | _____.     | _____.     |





## Proposal Schedule of Items

Page 24 of 24

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                         | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-----------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0698                 | SPV.0090<br>Special 06. Marking Line Yield Line 18-Inch                     | 230.000<br>LF                  | _____.     | _____.     |
| 0700                 | SPV.0090<br>Special 20. HDPE Conduit 1.25-Inch and 2-Inch Directional Bored | 53,873.000<br>LF               | _____.     | _____.     |
| 0702                 | SPV.0090<br>Special 21. HDPE Conduit 1.25-Inch and 2-Inch Vibratory Plowed  | 11,231.000<br>LF               | _____.     | _____.     |
| 0704                 | SPV.0090<br>Special 22. 432 Strand Fiber Optic Cable                        | 47,695.000<br>LF               | _____.     | _____.     |
| 0706                 | SPV.0090<br>Special 23. 216 Strand Fiber Optic Cable                        | 22,909.000<br>LF               | _____.     | _____.     |
| 0708                 | SPV.0105<br>Special 01. Remove RCUT Lighting Equipment                      | LS                             | LUMP SUM   | _____.     |
| 0710                 | SPV.0105<br>Special 02. Grading and Shaping Temporary Connection Road       | LS                             | LUMP SUM   | _____.     |
| 0712                 | SPV.0105<br>Special 20. Traffic Control Project 9200-10-72                  | LS                             | LUMP SUM   | _____.     |
| 0714                 | SPV.0105<br>Special 21. Construction Staking Broadband Fiber                | LS                             | LUMP SUM   | _____.     |
| 0716                 | SPV.0180<br>Special 01. Hardwood Mulch                                      | 1,440.000<br>SY                | _____.     | _____.     |
| 0718                 | SPV.0180<br>Special 02. Concrete Base SHES 9-Inch                           | 5,960.000<br>SY                | _____.     | _____.     |
| 0720                 | SPV.0180<br>Special 03. Colored and Stamped Concrete 4-Inch                 | 2,090.000<br>SY                | _____.     | _____.     |
| Section: 0001        |                                                                             |                                | Total:     | _____.     |
|                      |                                                                             |                                | Total Bid: | _____.     |

**PLEASE ATTACH SCHEDULE OF ITEMS HERE**



## Wisconsin Department of Transportation

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September 8, 2020

**Division of Transportation Systems  
Development**

Bureau of Project Development  
4822 Madison Yards Way, 4<sup>th</sup> Floor South  
Madison, WI 53705

Telephone: (608) 266-1631

Facsimile (FAX): (608) 266-8459

### **NOTICE TO ALL CONTRACTORS:**

#### **Federal Wage Rate Addendum #01**

#### **Letting of September 15, 2020**

Attached is a copy of the revised WI 10 Highway Davis Bacon Prevailing Wage Rates that are included in proposals 01, 02, 04 – 08, and 10 – 17; and WI 15 Heavy Davis Bacon Prevailing Wage Rates that are included in proposals 01 and 13. These wage rates are effective for all proposals they are included in in the September 15, 2020 letting. The updated wage rates are dated August 28, 2020 and are effective on or after September 7, 2020.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractors.

Sincerely,

*Mike Coleman*

Proposal Development Specialist  
Proposal Management Section

"General Decision Number: WI20200010 08/28/2020

Superseded General Decision Number: WI20190010

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: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 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, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 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 calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

| Modification Number | Publication Date |
|---------------------|------------------|
| 0                   | 01/03/2020       |
| 1                   | 01/24/2020       |
| 2                   | 02/28/2020       |
| 3                   | 03/06/2020       |
| 4                   | 06/05/2020       |
| 5                   | 06/12/2020       |
| 6                   | 06/19/2020       |
| 7                   | 07/17/2020       |
| 8                   | 08/28/2020       |

BRWI0001-002 06/03/2019

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 33.80 | 24.28   |
| -----           |          |         |

BRWI0002-002 06/01/2019

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 39.94 | 23.30   |
| -----           |          |         |

BRWI0002-005 06/01/2019

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... | \$ 35.51 | 23.37   |
| -----                             |          |         |

BRWI0003-002 06/03/2019

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 34.18 | 23.90   |
| -----           |          |         |

BRWI0004-002 06/01/2019

KENOSHA, RACINE, AND WALWORTH COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 38.43 | 25.10   |
| -----           |          |         |

BRWI0006-002 06/01/2019

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 35.06 | 23.02   |
| -----           |          |         |

BRWI0007-002 06/03/2019

GREEN, LAFAYETTE, AND ROCK COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 35.57 | 24.22   |
| -----           |          |         |

BRWI0008-002 06/01/2019

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 38.93 | 24.22   |
| -----           |          |         |

BRWI0011-002 06/03/2019

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 34.18 | 23.90   |
| -----           |          |         |

BRWI0019-002 06/03/2019

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 33.40 | 24.68   |
| -----           |          |         |

BRWI0034-002 06/03/2019

COLUMBIA AND SAUK COUNTIES

| Rates | Fringes |
|-------|---------|
|-------|---------|

|                 |          |       |
|-----------------|----------|-------|
| BRICKLAYER..... | \$ 35.56 | 24.23 |
|-----------------|----------|-------|

-----  
CARP0087-001 05/01/2016

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..... | \$ 36.85 | 18.39   |

-----  
CARP0252-002 06/01/2016

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO, BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except area bordering Michigan State Line), FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 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 |
|-----------------|----------|---------|
| CARPENTER       |          |         |
| CARPENTER.....  | \$ 33.56 | 18.00   |
| MILLWRIGHT..... | \$ 35.08 | 18.35   |
| PILEDRIVER..... | \$ 34.12 | 18.00   |

-----  
CARP0252-010 06/01/2016

ASHLAND COUNTY

|                  | Rates    | Fringes |
|------------------|----------|---------|
| Carpenters       |          |         |
| Carpenter.....   | \$ 33.56 | 18.00   |
| Millwright.....  | \$ 35.08 | 18.35   |
| Pile Driver..... | \$ 34.12 | 18.00   |

-----  
CARP0264-003 06/01/2016

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

COUNTIES

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| CARPENTER.....          | \$ 35.78 | 22.11   |
| -----                   |          |         |
| CARP0361-004 05/01/2018 |          |         |

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| CARPENTER.....          | \$ 36.15 | 20.43   |
| -----                   |          |         |
| CARP2337-001 06/01/2016 |          |         |

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

|                           | Rates    | Fringes |
|---------------------------|----------|---------|
| PILEDRIVERMAN             |          |         |
| Zone A.....               | \$ 31.03 | 22.69   |
| Zone B.....               | \$ 31.03 | 22.69   |
| -----                     |          |         |
| * ELEC0014-002 06/14/2020 |          |         |

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:.....        | \$ 35.98 | 20.98   |
| -----                     |          |         |
| * ELEC0014-007 07/05/2020 |          |         |

REMAINING COUNTIES

|                           | Rates    | Fringes |
|---------------------------|----------|---------|
| Teledata System Installer |          |         |
| Installer/Technician..... | \$ 27.75 | 15.14   |



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).

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ELEC0127-002 06/01/2020

KENOSHA COUNTY

|                    | Rates    | Fringes   |
|--------------------|----------|-----------|
| Electricians:..... | \$ 41.62 | 30%+12.70 |

-----  
ELEC0158-002 06/03/2019

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      |
|--------------------|----------|--------------|
| Electricians:..... | \$ 33.52 | 29.75%+10.26 |

-----  
ELEC0159-003 06/01/2019

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 |
|--------------------|----------|---------|
| Electricians:..... | \$ 40.30 | 22.24   |

-----  
ELEC0219-004 06/01/2016

FLORENCE COUNTY (Townships of Aurora, Commonwealth, Fern, Florence and Homestead) AND MARINETTE COUNTY (Township of Niagara)

|                            | Rates    | Fringes |
|----------------------------|----------|---------|
| Electricians:              |          |         |
| Electrical contracts over  |          |         |
| \$180,000.....             | \$ 32.38 | 18.63   |
| Electrical contracts under |          |         |
| \$180,000.....             | \$ 30.18 | 18.42   |

-----  
 \* ELEC0242-005 05/31/2020

#### DOUGLAS COUNTY

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| Electricians:..... | \$ 39.77 | 70.69%  |

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 \* ELEC0388-002 06/01/2020

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:..... | \$ 34.85 | 26%+11.20 |

-----  
 ELEC0430-002 06/01/2020

#### RACINE COUNTY (Except Burlington Township)

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| Electricians:..... | \$ 41.86 | 22.66   |

-----  
 ELEC0494-005 06/01/2020

#### MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| Electricians:..... | \$ 42.84 | 25.54   |

-----  
 ELEC0494-006 06/01/2020

#### CALUMET (Township of New Holstein), DODGE (East of Hwy 26

including Chester Township), FOND DU LAC, MANITOWOC (Schleswig), and SHEBOYGAN COUNTIES

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| Electricians:.....      | \$ 36.32 | 22.51   |
| -----                   |          |         |
| ELEC0494-013 06/07/2020 |          |         |

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.....         | \$ 21.46 | 18.52   |
| Technician.....        | \$ 31.34 | 20.00   |

Installation, testing, maintenance, operation and servicing of all sound, intercom, telephone interconnect, closed circuit TV systems, radio systems, background music systems, language laboratories, electronic carillon, antenna distribution systems, clock and program systems and low-voltage systems such as visual nurse call, audio/visual nurse call systems, doctors entrance register systems. Includes all wire and cable carrying audio, visual, data, light and radio frequency signals. Includes the installation of conduit, wiremold, or raceways in existing structures that have been occupied for six months or more where required for the protection of the wire or cable, but does not mean a complete conduit or raceway system. work covered does not include the installation of conduit, wiremold or any raceways in any new construction, or the installation of power supply outlets by means of which external electric power is supplied to any of the foregoing equipment or products

|                         |  |  |
|-------------------------|--|--|
| -----                   |  |  |
| ELEC0577-003 06/01/2019 |  |  |

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:..... | \$ 33.15 | 28.50%+10.00 |

-----  
ELEC0890-003 06/01/2020

DODGE (Emmet Township only), GREEN, JEFFERSON, LAFAYETTE,  
RACINE (Burlington Township), ROCK AND WALWORTH COUNTIES

|                    | Rates    | Fringes      |
|--------------------|----------|--------------|
| Electricians:..... | \$ 37.41 | 25.95%+11.11 |

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ELEC0953-001 06/02/2019

|                                      | Rates    | Fringes |
|--------------------------------------|----------|---------|
| Line Construction:                   |          |         |
| (1) Lineman.....                     | \$ 47.53 | 21.43   |
| (2) Heavy Equipment<br>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   |

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ENGI0139-005 06/01/2020

|                          | Rates    | Fringes |
|--------------------------|----------|---------|
| Power Equipment Operator |          |         |
| Group 1.....             | \$ 41.62 | 23.80   |
| Group 2.....             | \$ 41.12 | 23.80   |
| Group 3.....             | \$ 40.62 | 23.80   |
| Group 4.....             | \$ 40.36 | 23.80   |
| Group 5.....             | \$ 40.07 | 23.80   |
| Group 6.....             | \$ 34.17 | 23.80   |

#### 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.

GROUP 6: Off-road material hauler with or without ejector.

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IRON0008-002 06/01/2020

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| IRONWORKER..... | \$ 37.31 | 27.62   |

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

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IRON0008-003 06/01/2020

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| IRONWORKER..... | \$ 39.11 | 27.87   |

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

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IRON0383-001 06/01/2020

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..... | \$ 37.10 | 27.06   |

-----  
IRON0498-005 06/01/2019

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

WALWORTH (S.W. 1/3) COUNTIES:

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| IRONWORKER.....         | \$ 40.25 | 40.53   |
| -----                   |          |         |
| IRON0512-008 06/03/2019 |          |         |

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

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| IRONWORKER.....         | \$ 37.60 | 29.40   |
| -----                   |          |         |
| IRON0512-021 06/03/2019 |          |         |

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

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| IRONWORKER.....         | \$ 33.19 | 29.40   |
| -----                   |          |         |
| LAB00113-002 06/01/2020 |          |         |

MILWAUKEE AND WAUKESHA COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| LABORER      |          |         |
| Group 1..... | \$ 30.05 | 22.26   |
| Group 2..... | \$ 30.20 | 22.26   |
| Group 3..... | \$ 30.40 | 22.26   |
| Group 4..... | \$ 30.55 | 22.26   |
| Group 5..... | \$ 30.70 | 22.26   |
| Group 6..... | \$ 26.54 | 22.26   |

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

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LAB00113-003 06/01/2020

OZAUCKEE AND WASHINGTON COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| LABORER      |          |         |
| Group 1..... | \$ 29.30 | 22.26   |
| Group 2..... | \$ 29.40 | 22.26   |
| Group 3..... | \$ 29.45 | 22.26   |
| Group 4..... | \$ 29.65 | 22.26   |
| Group 5..... | \$ 29.50 | 22.26   |
| Group 6..... | \$ 26.39 | 22.26   |

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

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LABO0113-011 06/01/2020

KENOSHA AND RACINE COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| LABORER      |          |         |
| Group 1..... | \$ 29.11 | 22.26   |
| Group 2..... | \$ 29.26 | 22.26   |
| Group 3..... | \$ 29.46 | 22.26   |
| Group 4..... | \$ 29.43 | 22.26   |
| Group 5..... | \$ 29.76 | 22.26   |
| Group 6..... | \$ 26.25 | 22.26   |

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

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LABO0140-002 06/01/2020

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..... | \$ 33.72 | 17.95   |
| Group 2..... | \$ 33.82 | 17.95   |
| Group 3..... | \$ 33.87 | 17.95   |
| Group 4..... | \$ 34.07 | 17.95   |
| Group 5..... | \$ 33.92 | 17.95   |
| Group 6..... | \$ 30.35 | 17.95   |

#### 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

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 LAB00464-003 06/01/2020

#### DANE COUNTY

|         | Rates | Fringes |
|---------|-------|---------|
| LABORER |       |         |

|              |          |       |
|--------------|----------|-------|
| Group 1..... | \$ 34.00 | 17.95 |
| Group 2..... | \$ 34.10 | 17.95 |
| Group 3..... | \$ 34.15 | 17.95 |
| Group 4..... | \$ 34.35 | 17.95 |
| Group 5..... | \$ 34.20 | 17.95 |
| Group 6..... | \$ 30.35 | 17.95 |

#### 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

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PAIN0106-008 05/01/2017

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

|                             | Rates    | Fringes |
|-----------------------------|----------|---------|
| Painters:                   |          |         |
| New:                        |          |         |
| Brush, Roller.....          | \$ 30.33 | 17.27   |
| Spray, Sandblast, Steel.... | \$ 30.93 | 17.27   |
| Repaint:                    |          |         |
| Brush, Roller.....          | \$ 28.83 | 17.27   |
| Spray, Sandblast, Steel.... | \$ 29.43 | 17.27   |

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PAIN0108-002 06/01/2019

RACINE COUNTY

|                        | Rates    | Fringes |
|------------------------|----------|---------|
| Painters:              |          |         |
| Brush, Roller.....     | \$ 36.08 | 20.36   |
| Spray & Sandblast..... | \$ 37.08 | 20.36   |

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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   |

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PAIN0259-004 05/01/2015

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

|              | Rates    | Fringes |
|--------------|----------|---------|
| PAINTER..... | \$ 22.03 | 12.45   |

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PAIN0781-002 06/01/2019

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

|                        | Rates    | Fringes |
|------------------------|----------|---------|
| Painters:              |          |         |
| Bridge.....            | \$ 33.30 | 23.86   |
| Brush.....             | \$ 32.95 | 23.86   |
| Spray & Sandblast..... | \$ 33.70 | 23.86   |

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PAIN0802-002 06/01/2019

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

|            | Rates    | Fringes |
|------------|----------|---------|
| PAINTER    |          |         |
| Brush..... | \$ 30.93 | 18.44   |

PREMIUM PAY:

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

hour.

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PAIN0802-003 06/01/2019

ADAMS, BROWN, CALUMET, CLARK, DOOR, FOND DU LAC, FOREST, GREEN  
LAKE, IRON, JUNEAU, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC,  
MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA,  
OUTAGAMIE, PORTAGE, PRICE, SHAWANO, SHEBOYGAN, TAYLOR, VILAS,  
WAUSHARA, WAUPACA, WINNEBAGO, AND WOOD COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| PAINTER..... | \$ 30.93 | 18.58   |

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PAIN0934-001 06/01/2017

KENOSHA AND WALWORTH COUNTIES

|                       | Rates    | Fringes |
|-----------------------|----------|---------|
| Painters:             |          |         |
| Brush.....            | \$ 33.74 | 18.95   |
| Spray.....            | \$ 34.74 | 18.95   |
| Structural Steel..... | \$ 33.89 | 18.95   |

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PAIN1011-002 06/02/2019

FLORENCE COUNTY

|                | Rates    | Fringes |
|----------------|----------|---------|
| Painters:..... | \$ 25.76 | 13.33   |

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PLAS0599-010 06/01/2017

|                                | Rates    | Fringes |
|--------------------------------|----------|---------|
| CEMENT MASON/CONCRETE FINISHER |          |         |
| Area 1.....                    | \$ 39.46 | 17.17   |
| Area 2 (BAC).....              | \$ 35.07 | 19.75   |
| Area 3.....                    | \$ 35.61 | 19.40   |
| Area 4.....                    | \$ 34.70 | 20.51   |
| Area 5.....                    | \$ 36.27 | 18.73   |
| Area 6.....                    | \$ 32.02 | 22.99   |

AREA DESCRIPTIONS

AREA 1: BAYFIELD, DOUGLAS, PRICE, SAWYER, AND WASHBURN

COUNTIES

AREA 2: 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

AREA 3: BUFFALO, CRAWFORD, EAU CLAIRE, JACKSON, JUNEAU, LA CROSSE MONROE, PEPIN, PIERCE, RICHLAND, TREMPLEALEAU, AND VERNON COUNTIES

AREA 4: MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

AREA 5: DANE, GRANT, GREEN, IOWA, LAFAYETTE, AND ROCK COUNTIES

AREA 6: KENOSHA AND RACINE COUNTIES

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TEAM0039-001 06/01/2020

|                                                                            | Rates    | Fringes |
|----------------------------------------------------------------------------|----------|---------|
| TRUCK DRIVER                                                               |          |         |
| 1 & 2 Axles.....                                                           | \$ 31.07 | 22.94   |
| 3 or more Axles; Euclids,<br>Dumptor & Articulated,<br>Truck Mechanic..... | \$ 31.22 | 22.94   |
| -----                                                                      |          |         |
| WELL DRILLER.....                                                          | \$ 16.52 | 3.70    |
| -----                                                                      |          |         |

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 [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which 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. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of 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. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling



On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write 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 the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write 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 by 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

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

"General Decision Number: WI20200015 08/28/2020

Superseded General Decision Number: WI20190015

State: Wisconsin

Construction Type: Heavy

Counties: Wisconsin Statewide.

HEAVY CONSTRUCTION PROJECTS (Excluding Tunnel, Sewer, and Water Lines).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 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, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 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 calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

| Modification Number | Publication Date |
|---------------------|------------------|
| 0                   | 01/03/2020       |
| 1                   | 01/24/2020       |
| 2                   | 02/28/2020       |
| 3                   | 03/06/2020       |
| 4                   | 06/05/2020       |
| 5                   | 06/12/2020       |
| 6                   | 06/19/2020       |
| 7                   | 07/03/2020       |
| 8                   | 07/17/2020       |
| 9                   | 07/24/2020       |

BOIL0107-001 01/01/2017

|                            | Rates    | Fringes |
|----------------------------|----------|---------|
| BOILERMAKER                |          |         |
| Boilermaker.....           | \$ 35.65 | 29.89   |
| Small Boiler Repair (under |          |         |
| 25,000 lbs/hr).....        | \$ 26.91 | 16.00   |

-----  
BRWI0001-002 06/03/2019CRAWFORD, JACKSON, JUNEAU, LA CROSSE, MONROE, TREMPPEALEAU, AND  
VERNON COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 33.80 | 24.28   |

-----  
BRWI0002-002 06/01/2019

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 39.94 | 23.30   |

-----  
BRWI0002-005 06/01/2019ADAMS, 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... | \$ 35.51 | 23.37   |

-----  
BRWI0003-002 06/03/2019

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

| Rates | Fringes |
|-------|---------|
|-------|---------|

|                 |          |       |
|-----------------|----------|-------|
| BRICKLAYER..... | \$ 34.18 | 23.90 |
|-----------------|----------|-------|

-----  
BRWI0004-002 06/01/2019

KENOSHA, RACINE, AND WALWORTH COUNTIES

|                 |          |         |
|-----------------|----------|---------|
|                 | Rates    | Fringes |
| BRICKLAYER..... | \$ 38.43 | 25.10   |

-----  
BRWI0006-002 06/01/2019

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

|                 |          |         |
|-----------------|----------|---------|
|                 | Rates    | Fringes |
| BRICKLAYER..... | \$ 35.06 | 23.02   |

-----  
BRWI0007-002 06/03/2019

GREEN, LAFAYETTE, AND ROCK COUNTIES

|                 |          |         |
|-----------------|----------|---------|
|                 | Rates    | Fringes |
| BRICKLAYER..... | \$ 35.57 | 24.22   |

-----  
BRWI0008-002 06/01/2019

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

|                 |          |         |
|-----------------|----------|---------|
|                 | Rates    | Fringes |
| BRICKLAYER..... | \$ 38.93 | 24.22   |

-----  
BRWI0009-001 06/03/2019

GREEN LAKE, MARQUETTE, OUTAGAMIE, SHAWANO, WAUPACA, WASHARA,  
AND WINNEBAGO COUNTIES

|                 |          |         |
|-----------------|----------|---------|
|                 | Rates    | Fringes |
| BRICKLAYER..... | \$ 34.18 | 23.90   |

-----  
BRWI0011-002 06/03/2019

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 34.18 | 23.90   |

-----  
BRWI0013-002 06/03/2019

DANE, GRANT, IOWA, AND RICHLAND COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 35.56 | 24.23   |

-----  
BRWI0019-002 06/03/2019

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 33.40 | 24.68   |

-----  
BRWI0021-002 06/03/2019

DODGE AND JEFFERSON COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 35.75 | 24.02   |

-----  
BRWI0034-002 06/03/2019

COLUMBIA AND SAUK COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| BRICKLAYER..... | \$ 35.56 | 24.23   |

-----  
CARP0087-001 05/01/2016

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..... | \$ 36.85 | 18.39   |

-----  
CARP0252-002 06/01/2016

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO, BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except area bordering Michigan State Line), FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 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 |
|-------------------------|----------|---------|
| CARPENTER               |          |         |
| CARPENTER.....          | \$ 33.56 | 18.00   |
| MILLWRIGHT.....         | \$ 35.08 | 18.35   |
| PILEDRIVER.....         | \$ 34.12 | 18.00   |
| -----                   |          |         |
| CARP0252-010 06/01/2016 |          |         |

#### ASHLAND COUNTY

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| Carpenters              |          |         |
| Carpenter.....          | \$ 33.56 | 18.00   |
| Millwright.....         | \$ 35.08 | 18.35   |
| Pile Driver.....        | \$ 34.12 | 18.00   |
| -----                   |          |         |
| CARP0264-003 06/01/2016 |          |         |

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

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| CARPENTER.....          | \$ 35.78 | 22.11   |
| -----                   |          |         |
| CARP0361-004 05/01/2018 |          |         |

#### BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

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

-----  
CARP2337-001 06/01/2016

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

|               | Rates    | Fringes |
|---------------|----------|---------|
| PILEDRIVERMAN |          |         |
| Zone A.....   | \$ 31.03 | 22.69   |
| Zone B.....   | \$ 31.03 | 22.69   |

-----  
CARP2337-003 06/01/2019

|             | Rates    | Fringes |
|-------------|----------|---------|
| MILLWRIGHT  |          |         |
| Zone A..... | \$ 33.58 | 21.53   |
| Zone B..... | \$ 33.58 | 21.53   |

ZONE DEFINITIONS

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON COUNTIES

ZONE B: KENOSHA & RACINE COUNTIES

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\* ELEC0014-002 06/14/2020

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:..... | \$ 35.98 | 20.98   |

-----  
\* ELEC0014-007 07/05/2020

REMAINING COUNTIES

|  | Rates | Fringes |
|--|-------|---------|
|--|-------|---------|

Teledata System Installer

Installer/Technician.....\$ 27.75 15.14

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 06/01/2020

KENOSHA COUNTY

|                    | Rates    | Fringes   |
|--------------------|----------|-----------|
| Electricians:..... | \$ 41.62 | 30%+12.70 |

-----  
ELEC0158-002 06/03/2019

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      |
|--------------------|----------|--------------|
| Electricians:..... | \$ 33.52 | 29.75%+10.26 |

-----  
ELEC0159-003 06/01/2019

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 |
|--------------------|----------|---------|
| Electricians:..... | \$ 40.30 | 22.24   |

-----  
ELEC0219-004 06/01/2016

FLORENCE COUNTY (Townships of Aurora, Commonwealth, Fern, Florence and Homestead) AND MARINETTE COUNTY (Township of Niagara)



|                            | Rates    | Fringes |
|----------------------------|----------|---------|
| Electricians:              |          |         |
| Electrical contracts over  |          |         |
| \$180,000.....             | \$ 32.38 | 18.63   |
| Electrical contracts under |          |         |
| \$180,000.....             | \$ 30.18 | 18.42   |

-----

\* ELEC0242-005 05/31/2020

#### DOUGLAS COUNTY

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| Electricians:..... | \$ 39.77 | 70.69%  |

-----

\* ELEC0388-002 06/01/2020

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:..... | \$ 34.85 | 26%+11.20 |

-----

ELEC0430-002 06/01/2020

#### RACINE COUNTY (Except Burlington Township)

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| Electricians:..... | \$ 41.86 | 22.66   |

-----

ELEC0494-005 06/01/2020

#### MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| Electricians:..... | \$ 42.84 | 25.54   |

-----

ELEC0494-006 06/01/2020

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

|                    | Rates    | Fringes |
|--------------------|----------|---------|
| Electricians:..... | \$ 36.32 | 22.51   |

-----  
ELEC0494-013 06/07/2020

DODGE (East of Hwy 26 including Chester Twp, excluding Emmet Twp), FOND DU LAC (Except Waupuin), MILWAUKEE, OZAUKEE, MANITOWOC (Schleswig), WASHINGTON, AND WAUKESHA COUNTIES

|                        | Rates    | Fringes |
|------------------------|----------|---------|
| Sound & Communications |          |         |
| Installer.....         | \$ 21.46 | 18.52   |
| Technician.....        | \$ 31.34 | 20.00   |

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

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ELEC0577-003 06/01/2019

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:..... | \$ 33.15 | 28.50%+10.00 |

-----  
 ELEC0890-003 06/01/2020

DODGE (Emmet Township only), GREEN, JEFFERSON, LAFAYETTE,  
 RACINE (Burlington Township), ROCK AND WALWORTH COUNTIES

|                    | Rates    | Fringes      |
|--------------------|----------|--------------|
| Electricians:..... | \$ 37.41 | 25.95%+11.11 |

-----  
 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   |

-----  
 ENGI0139-001 06/01/2020

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

|                          | Rates    | Fringes |
|--------------------------|----------|---------|
| Power Equipment Operator |          |         |
| Group 1.....             | \$ 47.66 | 23.15   |
| Group 2.....             | \$ 47.16 | 23.15   |
| Group 3.....             | \$ 46.66 | 23.15   |
| Group 4.....             | \$ 45.97 | 23.15   |
| Group 5.....             | \$ 42.39 | 23.15   |
| Group 6.....             | \$ 37.24 | 23.15   |

HAZARDOUS WASTE PREMIUMS:  
 EPA Level ""A"" Protection: \$3.00 per hour  
 EPA Level ""B"" Protection: \$2.00 per hour  
 EPA Level ""C"" Protection: \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, Tower Cranes, Pedestal Tower Cranes and Derricks with or w/o attachments with a lifting capacity of over 100 tons; or Cranes, Tower Cranes, Pedestal Tower Cranes and Derricks with boom, leads, and/or jib lengths measuring 176 feet or longer; Self-Erecting Tower Cranes over 4000 lbs lifting capacity; All Cranes with Boom Dollies; Boring Machines (directional); Master Mechanic. \$0.50 additional per hour per 100 tons or 100 ft of boom over 200 ft or lifting capacity of crane over 200 tons to a maximum of 300 tons or 300 ft. Thereafter an increase of \$0.01 per ft or ton, whichever is greater.

GROUP 2: Cranes, Tower Cranes, Pedestal Tower Cranes and Derricks with or without attachments with a lifting capacity of 100 tons or less; or Cranes, Tower Cranes Portable Tower Cranes, Pedestal Tower Cranes and Derricks with boom, leads and/or jib lengths measuring 175 feet or less; Backhoes (excavators) 130,000 lbs and over; Caisson Rigs; Pile Drivers; Boring Machines (vertical or horizontal), Versi-Lift, Tri-Lift, Gantry 20,000 lbs & over.

GROUP 3: Backhoe (excavator) under 130,000 lbs; Self-erecting Tower Crane 4000 lbs & under lifting capacity; Traveling Crane (bridge type); Skid Rigs; Dredge Operator; Mechanic; Concrete Paver (over 27E); Concrete Spreader and Distributor; Forklift/ Telehandler (machinery- moving / steel erection); Hydro Blaster, 10,000 psi and over

GROUP 4: Material Hoists; Stack Hoists; Hydraulic Backhoe (tractor or truck mounted); Hydraulic Crane, 5 tons or under (tractor or truck mounted); Hoist (tuggers 5 tons & over); Hydro-Excavators/Daylighters; Concrete Pumps Rotec type Conveyors; Tractor/Bulldozer/End Loader (over 40 hp); Motor Patrol; Scraper Operator; Sideboom; Straddle Carrier; Welder; Bituminous Plant and Paver Operator; Roller over 5 tons; Rail Leveling Machine (Railroad); Tie Placer; Tie Extractor; Tie Tamper; Stone Leveler; Rotary Drill Operator and Blaster; Percussion Drill Operator; Air Track Drill and/or Hammers; Gantrys (under 20,000 lbs); Tencher (wheel type or chain type having 8 inch or larger bucket); Milling Machine; Off-Road Material Haulers.

GROUP 5: Backfiller; Concrete Auto Breaker (large); Concrete Finishing Machines (road type); Rubber Tired Roller; Concrete Batch Hopper; Concrete Conveyor Systems; Grout Pumps; Concrete Mixers (14S or over); Screw Type Pumps and Gypsum Pumps; Tractor, Bulldozer, End Loader (under 40 hp); Trencher (chain type, bucket under 8 inch); Industrial Locomotives; Rollers under 5 tons; Stump Grinder/Chipper

(Large); Timber Equipment; Firemen (pile drivers and derricks); Personnel Hoist, Telehandler over 8000 lbs; Robotic Tool Carrier with or without attachments

GROUP 6: Tampers - Compactors (riding type); Assistant Engineer; A-Frames and Winch Trucks; Concrete Auto Breaker; Hydrohammers (small); Brooms and Sweepers; Hoist (tuggers under 5 tons); Boats (Tug, Safety, Work Barges, Launch); Shouldering Machine Operator; Prestress Machines; Screed Operator; Stone Crushers and Screening Plants; Screed Operators (milling machine), Farm or Industrial Tractor Mounted Equipment; Post Hole Digger; Fireman (asphalt plants); Air Compressors over 400 CFM; Generators, over 150 KW; Augers (vertical and horizontal); Air, Electric, Hydraulic Jacks (slipform); Skid Steer Loaders (with or without attachments); Boiler Operators (temporary heat); Refrigeration Plant/Freeze Machines; Power Pack Vibratory/Ultra Sound Drivers and Extractors; Welding Machines; Heaters (mechanical); Pumps; Winches (small electric); Oiler and Greaser; Rotary Drill Tender; Conveyor; Forklifts/Telehandler 8000 lbs & under; Elevators: Automatic Hoists; Pumps (well points); Combination Small Equipment Operators

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ENGI0139-003 06/01/2020

REMAINING COUNTIES

|                          | Rates    | Fringes |
|--------------------------|----------|---------|
| Power Equipment Operator |          |         |
| Group 1.....             | \$ 42.92 | 23.15   |
| Group 2.....             | \$ 41.67 | 23.15   |
| Group 3.....             | \$ 39.97 | 23.15   |
| Group 4.....             | \$ 39.44 | 23.15   |
| Group 5.....             | \$ 37.37 | 23.15   |
| Group 6.....             | \$ 35.84 | 23.15   |

HAZARDOUS WASTE PREMIUMS:

EPA Level ""A"" Protection: \$3.00 per hour  
EPA Level ""B"" Protection: \$2.00 per hour  
EPA Level ""C"" Protection: \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, Tower Cranes and Derricks with or without attachments with a lifting capacity of over 100 tons; Cranes, Tower Cranes, and Derricks with boom, leads and/or jib lengths 176 ft or longer.

GROUP 2: Backhoes (Excavators) weighing 130,000 lbs and over; Cranes, Tower Cranes and Derricks with or without attachments with a lifting capacity of 100 tons or less; Cranes, Tower Cranes, and Derricks with boom, leads, and/or jib lengths 175 ft or less; Caisson Rigs; Pile Driver

GROUP 3: Backhoes (Excavators) weighing under 130,000 lbs; Travelling Crane (bridge type); Milling Machine; Concrete Paver over 27 E; Concrete Spreader and Distributor; Concrete Laser Screed; Concrete Grinder and Planing Machine; Slipform Curb and Gutter Machine; Boring Machine (Directional); Dredge Operator; Skid Rigs; over 46 meter Concrete Pump.

GROUP 4: Hydraulic Backhoe (tractor or truck mounted); Hydraulic Crane, 10 tons or less; Tractor, Bulldozer, or End Loader (over 40 hp); Motor Patrol; Scraper Operator; Bituminous Plant and Paver Operator; Screed-Milling Machine; Roller over 5 tons; Concrete pumps 46 meter and under; Grout Pumps; Rotec type machine; Hydro Blaster, 10,000 psi and over; Rotary Drill Operator; Percussion Drilling Machine; Air Track Drill with or without integral hammer; Blaster; Boring Machine (vertical or horizontal); Side Boom; Trencher, wheel type or chain type having 8 inch or larger bucket; Rail Leveling Machine (Railroad); Tie Placer; Tie Extractor; Tie Tamper; Stone Leveler; Straddle Carrier; Material Hoists; Stack Hoist; Man Hoists; Mechanic and Welder; Off Road Material Haulers.

GROUP 5: Tractor, Bulldozer, or Endloader (under 40 hp); Tampers -Compactors, riding type; Stump Chipper, large; Roller, Rubber Tire; Backfiller; Trencher, chain type (bucket under 8 inch); Concrete Auto Breaker, large; Concrete Finishing Machine (road type); Concrete Batch Hopper; Concrete Conveyor Systems; Concrete Mixers, 14S or over; Pumps, Screw Type and Gypsum); Hydrohammers, small; Brooms and Sweepers; Lift Slab Machine; Roller under 5 tons; Industrial Locomotives; Fireman (Pile Drivers and Derricks); Pumps (well points); Hoists, automatic; A-Frames and Winch Trucks; Hoists (tuggers); Boats (Tug, Safety, Work Barges and Launches); Assistant Engineer

GROUP 6: Shouldering Machine Operator; Farm or Industrial Tractor mounted equipment; Post Hole Digger; Auger (vertical and horizontal); Skid Steer Loader with or without attachments; Robotic Tool Carrier with or without attachments; Power Pack Vibratory/Ultra Sound Driver and Extractor; Fireman (Asphalt Plants); Screed Operator; Stone Crushers and Screening Plants; Air, Electric, Hydraulic

Jacks (Slip Form); Prestress Machines; Air Compressor, 400 CFM or over; Refrigeration Plant/Freeze Machine; Boiler Operators (temporary heat); Forklifts; Welding Machines; Generators; Pumps over 3"; Heaters, Mechanical; Combination small equipment operator; Winches, small electric; Oiler; Greaser; Rotary Drill Tender; Conveyor; Elevator Operator

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IRON0008-002 06/01/2020

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| IRONWORKER..... | \$ 37.31 | 27.62   |

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

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IRON0008-003 06/01/2020

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| IRONWORKER..... | \$ 39.11 | 27.87   |

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

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IRON0383-001 06/01/2020

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..... | \$ 37.10 | 27.06   |

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IRON0512-008 06/03/2019

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| IRONWORKER..... | \$ 37.60 | 29.40   |

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IRON0512-021 06/03/2019

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

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| IRONWORKER..... | \$ 33.19 | 29.40   |

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LAB00113-002 06/01/2020

MILWAUKEE AND WAUKESHA COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| LABORER      |          |         |
| Group 1..... | \$ 30.05 | 22.26   |
| Group 2..... | \$ 30.20 | 22.26   |
| Group 3..... | \$ 30.40 | 22.26   |
| Group 4..... | \$ 30.55 | 22.26   |
| Group 5..... | \$ 30.70 | 22.26   |
| Group 6..... | \$ 26.54 | 22.26   |

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

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LAB00113-003 06/01/2020

OZAUKEE AND WASHINGTON COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| LABORER      |          |         |
| Group 1..... | \$ 29.30 | 22.26   |
| Group 2..... | \$ 29.40 | 22.26   |
| Group 3..... | \$ 29.45 | 22.26   |
| Group 4..... | \$ 29.65 | 22.26   |
| Group 5..... | \$ 29.50 | 22.26   |
| Group 6..... | \$ 26.39 | 22.26   |

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

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LAB00113-011 06/01/2020

KENOSHA AND RACINE COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| LABORER      |          |         |
| Group 1..... | \$ 29.11 | 22.26   |
| Group 2..... | \$ 29.26 | 22.26   |
| Group 3..... | \$ 29.46 | 22.26   |
| Group 4..... | \$ 29.43 | 22.26   |
| Group 5..... | \$ 29.76 | 22.26   |
| Group 6..... | \$ 26.25 | 22.26   |

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

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LAB00140-002 06/01/2020

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..... | \$ 33.72 | 17.95   |
| Group 2..... | \$ 33.82 | 17.95   |
| Group 3..... | \$ 33.87 | 17.95   |
| Group 4..... | \$ 34.07 | 17.95   |
| Group 5..... | \$ 33.92 | 17.95   |
| Group 6..... | \$ 30.35 | 17.95   |

#### 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

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LAB00464-003 06/01/2020

#### DANE COUNTY

|              | Rates    | Fringes |
|--------------|----------|---------|
| LABORER      |          |         |
| Group 1..... | \$ 34.00 | 17.95   |
| Group 2..... | \$ 34.10 | 17.95   |
| Group 3..... | \$ 34.15 | 17.95   |
| Group 4..... | \$ 34.35 | 17.95   |
| Group 5..... | \$ 34.20 | 17.95   |
| Group 6..... | \$ 30.35 | 17.95   |

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

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PAIN0106-008 05/01/2017

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

|                             | Rates    | Fringes |
|-----------------------------|----------|---------|
| Painters:                   |          |         |
| New:                        |          |         |
| Brush, Roller.....          | \$ 30.33 | 17.27   |
| Spray, Sandblast, Steel.... | \$ 30.93 | 17.27   |
| Repaint:                    |          |         |
| Brush, Roller.....          | \$ 28.83 | 17.27   |
| Spray, Sandblast, Steel.... | \$ 29.43 | 17.27   |

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PAIN0108-002 06/01/2019

RACINE COUNTY

|                        | Rates    | Fringes |
|------------------------|----------|---------|
| Painters:              |          |         |
| Brush, Roller.....     | \$ 36.08 | 20.36   |
| Spray & Sandblast..... | \$ 37.08 | 20.36   |

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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   |

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PAIN0259-004 05/01/2015

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

|              | Rates    | Fringes |
|--------------|----------|---------|
| PAINTER..... | \$ 22.03 | 12.45   |

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PAIN0781-002 06/01/2019

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

|                        | Rates    | Fringes |
|------------------------|----------|---------|
| Painters:              |          |         |
| Bridge.....            | \$ 33.30 | 23.86   |
| Brush.....             | \$ 32.95 | 23.86   |
| Spray & Sandblast..... | \$ 33.70 | 23.86   |

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PAIN0802-002 06/01/2019

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

|            | Rates    | Fringes |
|------------|----------|---------|
| PAINTER    |          |         |
| Brush..... | \$ 30.93 | 18.44   |

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

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PAIN0802-003 06/01/2019

ADAMS, BROWN, CALUMET, CLARK, DOOR, FOND DU LAC, FOREST, GREEN

LAKE, IRON, JUNEAU, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC,  
MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA,  
OUTAGAMIE, PORTAGE, PRICE, SHAWANO, SHEBOYGAN, TAYLOR, VILAS,  
WAUSHARA, WAUPACA, WINNEBAGO, AND WOOD COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| PAINTER..... | \$ 30.93 | 18.58   |

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PAIN0934-001 06/01/2017

KENOSHA AND WALWORTH COUNTIES

|                       | Rates    | Fringes |
|-----------------------|----------|---------|
| Painters:             |          |         |
| Brush.....            | \$ 33.74 | 18.95   |
| Spray.....            | \$ 34.74 | 18.95   |
| Structural Steel..... | \$ 33.89 | 18.95   |

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PAIN1011-002 06/02/2019

FLORENCE COUNTY

|                | Rates    | Fringes |
|----------------|----------|---------|
| Painters:..... | \$ 25.76 | 13.33   |

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PLAS0599-010 06/01/2017

|                                | Rates    | Fringes |
|--------------------------------|----------|---------|
| CEMENT MASON/CONCRETE FINISHER |          |         |
| Area 1.....                    | \$ 39.46 | 17.17   |
| Area 2 (BAC).....              | \$ 35.07 | 19.75   |
| Area 3.....                    | \$ 35.61 | 19.40   |
| Area 4.....                    | \$ 34.70 | 20.51   |
| Area 5.....                    | \$ 36.27 | 18.73   |
| Area 6.....                    | \$ 32.02 | 22.99   |

AREA DESCRIPTIONS

AREA 1: BAYFIELD, DOUGLAS, PRICE, SAWYER, AND WASHBURN  
COUNTIES

AREA 2: 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

AREA 3: BUFFALO, CRAWFORD, EAU CLAIRE, JACKSON, JUNEAU, LA CROSSE MONROE, PEPIN, PIERCE, RICHLAND, TREMPLEALEAU, AND VERNON COUNTIES

AREA 4: MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

AREA 5: DANE, GRANT, GREEN, IOWA, LAFAYETTE, AND ROCK COUNTIES

AREA 6: KENOSHA AND RACINE COUNTIES

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PLUM0011-003 05/07/2018  
  
ASHLAND, BAYFIELD, BURNETT, DOUGLAS, IRON, SAWYER, AND WASHBURN COUNTIES

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| PLUMBER.....            | \$ 40.63 | 20.72   |
| -----                   |          |         |
| PLUM0075-002 06/01/2016 |          |         |

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| PLUMBER.....            | \$ 40.27 | 21.47   |
| -----                   |          |         |
| PLUM0075-004 06/01/2016 |          |         |

DODGE (Watertown), GREEN, JEFFERSON, LAFAYETTE, AND ROCK COUNTIES

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| PLUMBER.....            | \$ 40.52 | 21.47   |
| -----                   |          |         |
| PLUM0075-009 06/01/2016 |          |         |

COLUMBIA, DANE, IOWA, MARQUETTE, RICHLAND AND SAUK COUNTIES

|              | Rates    | Fringes |
|--------------|----------|---------|
| PLUMBER..... | \$ 38.82 | 20.12   |

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 PLUM0111-007 05/28/2018

MARINETTE COUNTY (Niagara only)

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| PLUMBER/PIPEFITTER..... | \$ 33.33 | 24.48   |

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 PLUM0118-002 06/01/2020

KENOSHA, RACINE, AND WALWORTH COUNTIES

|                              | Rates    | Fringes |
|------------------------------|----------|---------|
| Plumber and Steamfitter..... | \$ 43.95 | 24.35   |

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 PLUM0400-003 06/04/2018

ADAMS,BROWN, CALUMET, DODGE (except Watertown), DOOR, FOND DU LAC, GREEN LAKE,KEWAUNEE, MANITOWOC, MARINETTE (except Niagara), MENOMINEE, OCONTO, OUTAGAMIE, SHAWANO, SHEBOYGAN, WAUPACA, WAUSHARA, AND WINNEBAGO COUNTIES

|                         | Rates    | Fringes |
|-------------------------|----------|---------|
| PLUMBER/PIPEFITTER..... | \$ 36.74 | 19.06   |

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 PLUM0434-002 05/31/2020

BARON, BUFFALO, CHIPPEWA, CLARK, CRAWFORD, DUNN, EAU CLAIRE, FLORENCE, FOREST, GRANT, JACKSON, JUNEAU, LA CROSSE, LANGLADE, LINCOLN, MARATHON, MONROE, ONEIDA, PEPIN, PIERCE, POLK, PORTAGE, PRICE, RUSK, ST. CROIX, TAYLOR, TREMPLEAU, VERNON, VILAS, AND WOOD COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| PIPEFITTER..... | \$ 42.70 | 20.47   |

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 PLUM0601-003 06/03/2019

DODGE (Watertown), GREEN, JEFFERSON, LAFAYETTE, MILWAUKEE, OZAUKEE, ROCK, WASHINGTON AND WAUKESHA COUNTIES



|                 | Rates    | Fringes |
|-----------------|----------|---------|
| PIPEFITTER..... | \$ 46.89 | 25.29   |

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PLUM0601-009 06/04/2017

COLUMBIA, DANE, IOWA, MARQUETTE, RICHLAND AND SAUK COUNTIES

|                 | Rates    | Fringes |
|-----------------|----------|---------|
| PIPEFITTER..... | \$ 47.08 | 20.89   |

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TEAM0039-002 06/01/2020

|                                                                             | Rates    | Fringes |
|-----------------------------------------------------------------------------|----------|---------|
| TRUCK DRIVER                                                                |          |         |
| 1 & 2 Axle Trucks.....                                                      | \$ 31.07 | 22.94   |
| 3 or more axles; Euclids<br>or Dumptor, Articulated<br>Truck, Mechanic..... | \$ 31.22 | 22.94   |

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SUWI2011-001 11/16/2011

|                   | Rates    | Fringes |
|-------------------|----------|---------|
| WELL DRILLER..... | \$ 16.52 |         |

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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 [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which 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. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates

the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of 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. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write 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 the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write 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 by 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

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"



## Wisconsin Department of Transportation

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August 13, 2020

**Division of Transportation Systems  
Development**

Bureau of Project Development  
4822 Madison Yards Way, 4<sup>th</sup> Floor South  
Madison, WI 53705

Telephone: (608) 266-1631

Facsimile (FAX): (608) 266-8459

### NOTICE TO ALL CONTRACTORS:

**Proposal #11: 9200-10-71, WISC 2019 634  
Shawano – Green Bay  
CTH VV Interchange  
STH 29  
Brown County**

**9200-10-72, WISC 2019 634  
Shawano – Green Bay  
CTH VV Interchange  
STH 29  
Brown County**

### Letting of September 15, 2020

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

#### Special Provisions:

| Revised Special Provisions |                                            |
|----------------------------|--------------------------------------------|
| Article No.                | Description                                |
| 8                          | Utilities (Updated CenturyLink)            |
| 29                         | Potential Borrow Sources (Updated sources) |

| Added Special Provisions |                                  |
|--------------------------|----------------------------------|
| Article No.              | Description                      |
| 107                      | Notice to Contractor – Waterways |

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**  
**9200-10-71, 9200-10-72**  
**August 13, 2020**

**Special Provisions**

**8. Utilities.**

*Replace entire subsection titled **CenturyLink Communications, LLC (communications)** under section titled **9200-10-71** with the following:*

**CenturyLink Communications, LLC (communications)** has an existing fiber optic line along WIS 29 from Station 479+68 'EB' Right to Station 579+55 'EB' Right.

CenturyLink plans to lower the existing communication line 24-inches from Station 558+00 'EB' Right to Station 560+00 'EB' Right.

Lowering of line will be completed by March 31, 2021.

From Station 527+89 'EB' Right to Station 533+55 'EB' Right (Location #1) and Station 551+42 'EB' Right to Station 554+76 'EB' Right (Location #2), during excavation CenturyLink does not anticipate conflicts. If an unanticipated conflict is encountered in these areas CenturyLink will perform the following work.

- Location #1 – CenturyLink to lower existing conduit. Work will take a maximum of 12 working days.
- Location #2 – CenturyLink to lower existing conduit. Work will take a maximum of 6 working days.

No other conflicts are anticipated.

Field Contact: Jason Busse, 414-224-6713, [jason.busse@centurylink.com](mailto:jason.busse@centurylink.com).

**29. Notice to Contractor – Potential Borrow Sources.**

*Replace entire article language with the following:*

The Village of Hobart and Oneida Nation potentially have some borrow sources close to the project due to other projects. Contact information as follows.

Village of Hobart – Jerry Lancelle, Director of Public Works, 920-869-3807

Oneida Nation – Mary Jo Nash, Acquisition Manager, 920-869-6612

**107. Notice to Contractor – Waterways.**

There shall be no instream disturbance of waterways allowed as a result of construction activity under this contract-

END OF ADDENDUM



## Wisconsin Department of Transportation

August 28, 2020

### Division of Transportation Systems Development

Bureau of Project Development  
4822 Madison Yards Way, 4<sup>th</sup> Floor South  
Madison, WI 53705

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

### NOTICE TO ALL CONTRACTORS:

**Proposal #11: 9200-10-71, WISC 2019 634**  
**Shawano – Green Bay**  
**CTH VV Interchange**  
**STH 29**  
**Brown County**

**9200-10-72, WISC 2019 634**  
**Shawano – Green Bay**  
**CTH VV Interchange**  
**STH 29**  
**Brown County**

### Letting of September 15, 2020

This is Addendum No. 02, which provides for the following:

#### Special Provisions:

| Revised Special Provisions |                                  |
|----------------------------|----------------------------------|
| Article No.                | Description                      |
| 21                         | Native American Hiring Provision |

| Added Special Provisions |                                                     |
|--------------------------|-----------------------------------------------------|
| Article No.              | Description                                         |
| 108                      | Basic Traffic Queue Warning System, Item 643.1205.S |
| 109                      | Topsoil Stockpile, SPV.0035.03                      |

| Deleted Special Provisions |                                                                    |
|----------------------------|--------------------------------------------------------------------|
| Article No.                | Description                                                        |
| 31                         | Notice to Contractor – Topsoil Stockpile for removal from project. |

#### Schedule of Items:

| Revised Bid Item Quantities |                                       |      |              |                  |                |
|-----------------------------|---------------------------------------|------|--------------|------------------|----------------|
| Bid Item                    | Item Description                      | Unit | Old Quantity | Revised Quantity | Proposal Total |
| 643.0300                    | Traffic Control Drums                 | DAY  | 65,200       | -2,880           | 62,320         |
| 643.0420                    | Traffic Control Barricade Type III    | DAY  | 19,400       | -820             | 18,580         |
| 643.0705                    | Traffic Control Warning Lights Type A | DAY  | 28,400       | -1,240           | 27,160         |
| 643.0715                    | Traffic Control Warning Lights Type C | DAY  | 22,500       | -1,420           | 21,080         |
| 643.0800                    | Traffic Control Arrow Boards          | DAY  | 3,600        | -2,610           | 990            |

|          |                            |     |        |        |        |
|----------|----------------------------|-----|--------|--------|--------|
| 643.0900 | Traffic Control Signs      | DAY | 71,300 | -7,235 | 64,065 |
| 643.1050 | Traffic Control Signs PCMS | DAY | 500    | -40    | 460    |

| <b>Added Bid Item Quantities</b> |                                                     |      |              |                  |                |
|----------------------------------|-----------------------------------------------------|------|--------------|------------------|----------------|
| Bid Item                         | Item Description                                    | Unit | Old Quantity | Revised Quantity | Proposal Total |
| 643.1205.S                       | Basic Traffic Queue Warning System, Item 643.1205.S | DAY  | 0            | 200              | 200            |
| SPV.0035                         | Special 03. Topsoil Stockpile                       | CY   | 0            | 5,000            | 5,000          |

**Plan Sheets:**

| <b>Revised Plan Sheets</b> |                                                                |
|----------------------------|----------------------------------------------------------------|
| Plan Sheet                 | Plan Sheet Title (brief description of changes to sheet)       |
| 13                         | Typical Sections (Tie bar added)                               |
| 14                         | Typical Sections (Tie bar added)                               |
| 17                         | Typical Sections (Tie bar added)                               |
| 546                        | Miscellaneous Quantities (Added item and update of quantities) |
| 573                        | Miscellaneous Quantities (Added item)                          |

| <b>Added Plan Sheets</b> |                                                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------|
| Plan Sheet               | Plan Sheet Title (brief description of why sheet was added)                                                  |
| 660A                     | Standard Detail Drawing - Concrete Pavement Longitudinal Joints and Ties (Missing from plan)                 |
| 712A                     | Standard Detail Drawing - Traffic Control, Lane Closure, Basic Traffic Queue Warning System (Added bid item) |

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. 02**  
**9200-10-71, 9200-10-72**  
**August 28, 2020**

**Special Provisions**

**22. Native American Hiring Provision.**

*Replace Oneida Nation tribal labor office contact information with the following:*

Troy Parr, Community Development  
Email: [tparr@oneidanation.org](mailto:tparr@oneidanation.org)

David Jordan, Community Development  
Email: [djordan1@oneidanation.org](mailto:djordan1@oneidanation.org)

N7332 Water Circle Place, PO Box 365, Oneida, WI 54155  
Office: (920) 869-4574  
Cell: (920) 606-8909

**31. DELETED.**

**108. Basic Traffic Queue Warning System, Item 643.1205.S**

**A Description**

This special provision describes providing, repositioning, operating, maintaining, monitoring, calibrating, testing and removing a basic traffic queue warning system (QWS) capable of measuring vehicular speeds at downstream sections of a roadway, and activating the system.

**B Materials**

Provide Basic Traffic QWS components and software that is National Transportation Communications for ITS Protocol (NCTIP) compliant.

**B.1 Portable Traffic Sensors (PTS)**

Provide PTS that are nonintrusive and capable of capturing vehicle speed in mph. Integrate each sensor with a modem to communicate with the automated system manager.

**B.2 Static Traffic Control Signs with Temporary Flashing Beacon Signs (FBS)**

Provide static traffic control signs with temporary flashing beacon signs conforming to standard spec 658.2(2) for Traffic Signal Faces. Ensure each FBS is integrated with a modem, and other equipment (e.g., automated system manager) mounted on it, and acts as a single device for communicating with similarly integrated devices and displaying real-time traffic conditions.

**B.3 Automated System Manager**

Provide an ASM that assesses current traffic data captured by the PTS and activates/deactivates the FBS based on predetermined speed thresholds.

## **B.4 System Communications**

Ensure Basic Traffic QWS communications meet the following requirements:

1. Perform required configuration of the Basic Traffic QWS's communication system automatically during system initialization.
2. Communication between the server and any individual FBS or PTS are independent through the full range of deployed locations, and do not rely upon communications with any other FBS or PTS.
3. Incorporate an error detection/correction mechanism into the Basic Traffic QWS communication system to ensure the integrity of all traffic condition data.

## **B.5 System Acceptance**

Submit vendor verification to the engineer and Bureau of Traffic Operations ([DOTBTOWorkzone@dot.wi.gov](mailto:DOTBTOWorkzone@dot.wi.gov)) 14 calendar days before the pre-construction meeting that the system will adequately perform the functions specified in this special provision. Adequate verification includes past successful performance of the system, literature and references from successful use of the system by other agencies, and/or demonstration of the system.

Provide contact information for a designated representative responsible for monitoring the performance of the system and for making modifications to the operational settings as the engineer directs. Provide all testing and calibration equipment.

## **C Construction**

### **C.1 General**

Install and reposition Basic Traffic Queue Warning System per plan or as the engineer directs. Provide plan to the engineer and Bureau of Traffic Operations ([DOTBTOWorkzone@dot.wi.gov](mailto:DOTBTOWorkzone@dot.wi.gov)) 14 calendar days before the pre-construction meeting.

PTS may be mounted on FBS, arrow board or other trailer devices.

Install PTS at the following locations:

1. Place first PTS within the lane closure taper.
2. Place second PTS 5,700 feet upstream of the lane closure taper or on FBS #3.
3. Place third PTS 2 miles upstream of the lane closure taper or on FBS #2.

Install FBS at the following locations, delineated by 5 drums:

1. Place first FBS (FBS #3) 5,700 feet upstream of the lane closure taper.
2. Place second FBS (FBS #2) 2 miles upstream of the lane closure taper.
3. Place third FBS (FBS #1) 3 miles upstream of the lane closure taper.

If there are more than 2 lanes or specified in the plans, place FBS on both sides of the roadway.

Number the devices in chronological order so they are visible from the shoulder with 6-inch white high reflective sheeting.

Provide technical personnel for all system calibration, operation, maintenance, and timely on-call support services.

Promptly correct the system within 24 hours of becoming aware of a deficiency in the operation or individual part of the system. A minimum of three days before deployment, place the Basic Traffic QWS and demonstrate to the Department that the Basic Traffic QWS is operational.

Maintain the Basic Traffic QWS for the duration of the project. Ensure the system operates continuously (24 hours, 7 days a week) in the automated mode throughout the duration of the project.

Remove the system upon completion.

## **C.2 Reports**

Provide an electronic copy of a weekly summary report of all data via email to the engineer. Ensure the report includes, at a minimum, the average speed per sensor, time in congestive state per sensor and number of triggers per day.

## **C.3 Meetings**

Attend mandatory in-person pre-construction meetings with the department. Attend additional meetings as deemed necessary by the department. These meetings may be held in person or via teleconference, as scheduled by the department.

## **C.4 Programming**

### **C.4.1 General**

Program the Basic Traffic QWS to ensure that the following general operations are performed:

1. Provide a password protected login to the ASM, website and all other databases.
2. Automatic setting of the FBS to reflect current traffic flow status updated every 60 seconds for congestion. Ensure to remove a congestion message when 180 seconds of average traffic speeds above the current level are observed, or utilize a customized frequency as determined by the engineer.
3. The FBS activate based on pre-determined speed thresholds from the next downstream sensor.
  - FBS #3 shall activate based on traffic speeds at the PTS located within the lane closure taper.
  - FBS #2 shall activate based on traffic speeds at the PTS located approximately 1 mile upstream of lane closure taper, or at FBS #3.
  - FBS #1 shall activate based on traffic speeds at the PTS located 2 miles upstream of lane closure taper, or at FBS #2.
4. Provide real-time data from the ASM to a website with a full color mapping feature and refresh every 60 seconds. Make data on website available to the department staff at all times for the duration of the work zone activity. Ensure website includes:
  - Vehicle speeds
  - FBS triggers
  - Device locations
5. Archive all traffic data in a Microsoft Excel format with date and time stamps.
6. Configure the website to quantify system failures which includes communication disruption between any devices in the system configuration, FBS malfunctioning, PTS malfunction, loss of power, low battery, etc.
7. Automatically generate and send an email alert any time a user specified queue is detected by the system.
8. Ensure the system autonomously restarts in case of any power failure.

### **C.4.2 System Operation Strategy**

Arrange for the vendor/manufacturer to coordinate system operation, detection, and trends/thresholds with the engineer.

The sequences below are a minimum requirement, but can be adjusted at the discretion of the engineer, are as follows:

#### **Free Flow:**

If the current PTS speed on a downstream section is at or above 40 mph, the next upstream FBS will not flash.

#### **Slow or Stopped Traffic:**

If the current PTS speed on a downstream section of the roadway is between the 39 mph and 0 mph (for example, 35 mph), the next upstream FBS shall flash.

### **C.5 Calibration and Testing**

At the beginning of the project and perform a successful field test and calibration at the Basic Traffic QWS location to verify the system is detecting accurate vehicle speeds, and accurately relaying the information to the ASM and the FBS.

Send email of successful calibration and testing to the engineer.

### **D Measurement**

The department will measure Basic Traffic Queue Warning System by the day, acceptably completed, measured as each complete system per roadway.

### **E Payment**

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

| ITEM NUMBER | DESCRIPTION                        | UNIT |
|-------------|------------------------------------|------|
| 643.1205.S  | Basic Traffic Queue Warning System | DAY  |

Payment is full compensation for providing, repositioning, operating, maintaining, monitoring, calibrating, testing, and removing the complete system consisting of FBS, PTS, ASM, and system communications.

Failure to correct a deficiency to the FBS, PTS, or ASM within 24 hours after notification from the engineer or the department will result in a one-day deduction of the measured quantity for each day in which the deficiency is not corrected.

Failure to correct the website within 24 hours after notification from the engineer will result in a 10% reduction of the day quantity for each day the website is down.

The engineer will have sole discretion to assess the deductions for an improperly working Basic Traffic QWS.

stp-643-046 (20200629)

## **109. Topsoil Stockpile, Item SPV.0035.03.**

### **A Description**

This special provision describes providing topsoil in a stockpile to be removed by others.

### **B (Vacant)**

### **C Construction**

Strip existing topsoil within project per section 625.3.2. of the standard specifications.

Stockpile the amount of topsoil shown in plans near the intersection of future Evergreen Avenue and Milltown Road. Provide an access from Milltown road to the stockpile including a temporary culvert if needed depending on location of access selected.

Stockpiled topsoil will become property of adjacent property owner who will have 14 calendar days to remove topsoil after stockpiling is completed.

### **D Measurement**

The department will measure Topsoil Stockpile by the Cubic Yard, acceptably completed.

**E Payment**

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

| ITEM NUMBER | DESCRIPTION       | UNIT |
|-------------|-------------------|------|
| SPV.0035.03 | Topsoil Stockpile | CY   |

Payment is full compensation for stripping, placing, and stockpiling topsoil; for creating an access from Milltown Road; for providing a temporary culvert; for removing access and temporary culvert after removal of topsoil.

**Schedule of Items**

Attached, dated August 28, 2020, are the revised Schedule of Items Pages 15, 16, and 24.

**Plan Sheets**

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 13, 14, 17, 546, and 573.

Added: 660A and 712A.

END OF ADDENDUM



STA. 215+19.10'RA' - STA. 215+61.69'RA'  
STA. 300+00.00'RB' - STA. 300+64.94'RB'



STA. 215+61.69'RA' - STA. 216+54.92'RA'

|                                                                                   |             |               |                  |    |
|-----------------------------------------------------------------------------------|-------------|---------------|------------------|----|
| PROJECT NO: 9200-10-71                                                            | HWY: 5TH 29 | COUNTY: BROWN | TYPICAL SECTIONS | E  |
| FILE NAME: V:\TRAN-GRA\06-05-5TH-29-CH\VI\INTERHANKENC\3D\SHETS\PLANO\2000-15.DWG |             |               |                  |    |
| PLOT DATE: 8/26/2020 7:45 PM                                                      |             |               |                  |    |
| PLOT BY: VERVALLE, PHILIP                                                         |             |               |                  |    |
| PLOT NAME: 3 IN/200 FT                                                            |             |               |                  |    |
| PLOT SCALE: 3 IN/200 FT                                                           |             |               |                  |    |
| WSDOT/CADD'S SHEET 42                                                             |             |               |                  |    |
| SHEET                                                                             |             |               |                  | 13 |

FILE NAME: V:\TRANS-GB4\06-10-10 5TH 29 CTH W\INTERCHANGE(C3D)\SHEETS\PLANO 203001.TS.DWG PLOT DATE: 8/26/2020 7:45 PM PLOT BY: VERVILLE, PHILLIP PLOT NAME: 1 IN=200 FT PLOT SCALE: 1 IN=200 FT WISDOT/CARDS SHEET 42



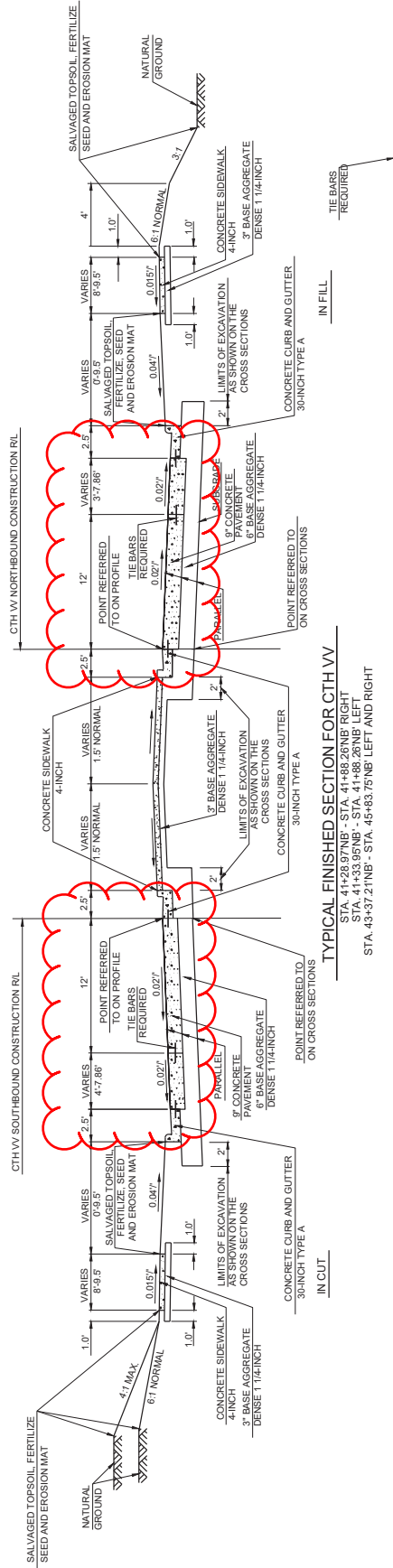
STA. 400+00.00'RC'-STA. 400+93.6'RC'  
STA. 525+49.93'RD'-STA. 525+81.88'RD'



STA. 400+93.65'RC" - STA. 401+35.83'RC"  
STA. 525+12.37'RD' - STA. 525+49.93'RD'

|                                                                                                                                                                                                                              |  |             |  |               |  |                  |  |          |  |   |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|--|---------------|--|------------------|--|----------|--|---|--|
| PROJECT NO: 9200-10-71                                                                                                                                                                                                       |  | HWY: 5TH 29 |  | COUNTY: BROWN |  | TYPICAL SECTIONS |  | SHEET 14 |  | E |  |
| FILE NAME: V:\TRANS-GR4\0610\5TH 29-CH.W\INTERCHANGE\CD\DWG\TSR-AMQ\0801-TS.DWG<br>LAYOUT NAME: 000311.TS<br>PLOT DATE: 8/26/2020 7:44 PM<br>PLOT TYPE: VERVALE, PHILIP<br>PLOT NAME: 1 IN=200 FT<br>PLOT SCALE: 1 IN=200 FT |  |             |  |               |  |                  |  |          |  |   |  |

NOTE:  
COLORED AND STAMPED  
CONCRETE 4-INCH IN MEDIAN  
STA. 47+44.25'NB' - STA. 48+79.89'NB' AND  
STA. 50+28.69'NB' - STA. 50+57.55'NB'

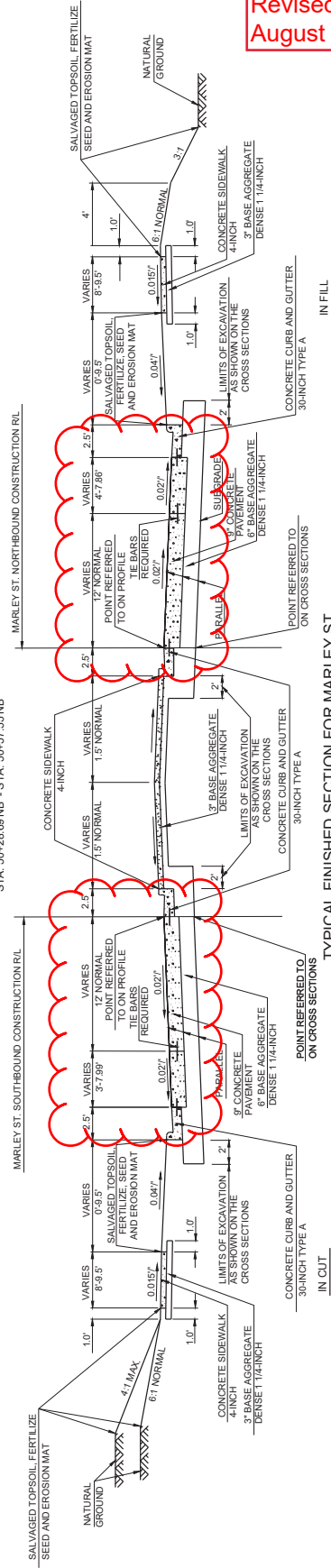


TYPICAL FINISHED SECTION FOR CTH VW

STA. 41+28.97'NB' - STA. 41+88.26'NB' RIGHT  
STA. 41+33.95'NB' - STA. 41+88.26'NB' LEFT  
STA. 43+37.21'NB' - STA. 45+83.75'NB' LEFT AND RIGHT

NOTE:

COLORED AND STAMPED  
CONCRETE 4-INCH IN MEDIAN  
STA. 47+44.25'NB' - STA. 48+79.89'NB' AND  
STA. 50+28.69'NB' - STA. 50+57.55'NB'



ONS  
TYPICAL FINISHED SECTION FOR MARLEY ST

47+44.25'NB' - STA. 48+78.89'NB' LEFT AND RIGHT  
STA. 50+28.69'NB' - STA. 50+85.66'NB' RIGHT  
STA. 50+28.69'NB' - STA. 51+09.55'NB' LEFT

|                                                                                                                                                                                                      |  |             |  |               |  |                  |  |          |  |   |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|--|---------------|--|------------------|--|----------|--|---|--|
| PROJECT NO: 9200-10-71                                                                                                                                                                               |  | HWY: STH 29 |  | COUNTY: BROWN |  | TYPICAL SECTIONS |  | SHEET 17 |  | E |  |
| FILE NAME: V:\TRANSG-004\106\10-71 STH 29-CH VVI INTERCHANGE\CD\3DSHETPLAND\2000\25.DWG<br>PLOT DATE: 8/26/2020 6:48 PM<br>PLOT BY: VERNILLE, PHILIP<br>PLOT NAME: 1 IN=200 FT<br>WSDOT/ORDS SHEET 4 |  |             |  |               |  |                  |  |          |  |   |  |



## ROUNDABOUT CARE CYCLES, SOIL MIXTURE AND MULCH

| CATEGORY      | LOCATION             | LANDSCAPE PLANTING SURVEILLANCE AND CARE CYCLES |      | PLANTING SOIL MIXTURE | CY    | SY    |
|---------------|----------------------|-------------------------------------------------|------|-----------------------|-------|-------|
|               |                      | EACH                                            | EACH |                       |       |       |
| 0010          | CTH VV-CTH TS RAB    | -                                               | 250  | 235                   | 370   | 370   |
| 0010          | CTH VV-RAMP AB RAB   | -                                               | 235  | 350                   | 350   | 350   |
| 0010          | MARLEY-RAMP CD RAB   | -                                               | 235  | 350                   | 370   | 370   |
| 0010          | MARLEY-EVERGREEN RAB | -                                               | 250  | 370                   | 370   | 370   |
| UNDISTRIBUTED |                      | 12                                              | -    | -                     | -     | -     |
| TOTAL 0010    |                      | 12                                              | 970  | 1,440                 | 1,440 | 1,440 |

## DELINEATOR ITEMS

| CATEGORY   | LOCATION                 | 633.0100 DELINEATOR POSTS/STEEL REFLECTORS |      | EACH |
|------------|--------------------------|--------------------------------------------|------|------|
|            |                          | EACH                                       | EACH |      |
| 0010       | RAMP A                   | 15                                         | 20   | 20   |
| 0010       | STH 29, RAMP A TO RAMP B | 7                                          | 7    | 7    |
| 0010       | RAMP B                   | 25                                         | 38   | 38   |
| 0010       | RAMP C                   | 15                                         | 20   | 20   |
| 0010       | STH 29, RAMP C TO RAMP D | 7                                          | 7    | 7    |
| 0010       | RAMP D                   | 25                                         | 38   | 38   |
| 0010       | STH 29, EAST/CRUT        | 1                                          | 1    | 1    |
| 0010       | STH 29/CTH U             | 5                                          | 5    | 5    |
| TOTAL 0010 |                          | 100                                        | 136  | 136  |

## DETENTION POND PLANTINGS

| CATEGORY | LOCATION       | SPV.0060.60 |     | SPV.0060.61         |                   | SPV.0060.62        |                   |
|----------|----------------|-------------|-----|---------------------|-------------------|--------------------|-------------------|
|          |                | PLANTING    | POD | SUBURGENT PLANTINGS | WETLAND PLANTINGS | EMERGENT PLANTINGS | WETLAND PLANTINGS |
| 0010     | EVERGREEN POND | 38          |     | 755                 |                   | 1,520              |                   |
|          | TOTAL 0010     | 38          |     | 755                 |                   | 1,520              |                   |

## POND LINE/CLAY

| CATEGORY   | LOCATION       | CY    |
|------------|----------------|-------|
|            |                |       |
| 0010       | CTH TS POND    | 1,375 |
| 0010       | CTH VV POND    | 1,710 |
| 0010       | EVERGREEN POND | 4,335 |
| TOTAL 0010 |                | 7,420 |

## TRAFFIC CONTROL

| CATEGORY   | STAGE                         | DAYS   | DRUMS  | BARRICADES<br>TYPE III | WARNING<br>LIGHTS<br>TYPE A | WARNING<br>LIGHTS<br>TYPE C | ARROW<br>BOARDS | SIGNS | SIGNS<br>PCMS | BASIC<br>TRAFFIC<br>QUEUE<br>WARNING<br>SYSTEM | TRAFFIC<br>CONTROL | CONCRETE BARRIER<br>TEMPORARY/ PRECAST<br>DELIVERED | CONCRETE BARRIER<br>TEMPORARY/ PRECAST<br>INSTALLED |    |
|------------|-------------------------------|--------|--------|------------------------|-----------------------------|-----------------------------|-----------------|-------|---------------|------------------------------------------------|--------------------|-----------------------------------------------------|-----------------------------------------------------|----|
|            |                               |        |        |                        |                             |                             |                 |       |               |                                                |                    |                                                     |                                                     | LF |
| 9200-10-71 |                               |        |        |                        |                             |                             |                 |       |               |                                                |                    |                                                     |                                                     |    |
| 0010       | STAGE 1                       | 78     | 4,446  | 468                    | 702                         | -                           | -               | 2,184 | -             | -                                              | -                  | -                                                   | -                                                   |    |
| 0010       | STAGE 2A                      | 21     | 987    | 504                    | 756                         | 189                         | -               | 672   | 21            | -                                              | -                  | -                                                   | -                                                   |    |
| 0010       | STAGE 2B                      | 90     | 3,420  | 2,610                  | 3,780                       | -                           | -               | 2,970 | -             | -                                              | -                  | -                                                   | -                                                   |    |
| 0010       | STAGE 2C                      | 14     | 266    | 504                    | 588                         | -                           | -               | 448   | -             | -                                              | -                  | -                                                   | -                                                   |    |
| 0010       | STAGE 3A                      | 27     | 702    | 471                    | 591                         | 642                         | 120             | 2,124 | 20            | 20                                             | -                  | 3,200                                               | 3,200                                               |    |
|            |                               |        |        |                        |                             |                             |                 |       |               |                                                |                    |                                                     |                                                     |    |
| 0010       | STAGE 3B                      | 135    | 568    | 2,049                  | 2,478                       | 2,160                       | 80              | 7,425 | 30            | 20                                             | -                  | -                                                   | -                                                   |    |
| 0010       | STAGE 4A                      | 49     | 440    | 1,188                  | 1,592                       | 392                         | 208             | 3,687 | 28            | 10                                             | -                  | -                                                   | -                                                   |    |
| 0010       | STAGE 4B                      | 90     | -      | 2,160                  | 2,880                       | -                           | -               | 2,790 | -             | -                                              | -                  | -                                                   | -                                                   |    |
| 0010       | STAGE 5A                      | 44     | 4,396  | 1,012                  | 1,496                       | 1,844                       | 176             | 3,652 | 102           | 44                                             | -                  | -                                                   | -                                                   |    |
| 0010       | STAGE 5B                      | 14     | 798    | 224                    | 378                         | 560                         | 56              | 182   | 28            | 14                                             | -                  | -                                                   | -                                                   |    |
|            |                               |        |        |                        |                             |                             |                 |       |               |                                                |                    |                                                     |                                                     |    |
| 0010       | STAGE 6A                      | 14     | 1,414  | 546                    | 854                         | 868                         | 56              | 700   | 42            | 14                                             | -                  | -                                                   | -                                                   |    |
| 0010       | STAGE 6B                      | 50     | 16,042 | 2,400                  | 4,300                       | 4,542                       | 200             | 4,700 | 107           | 50                                             | -                  | -                                                   | -                                                   |    |
| 0010       | STAGE 6C                      | 14     | 1,330  | 126                    | 182                         | 784                         | -               | 126   | 28            | 14                                             | -                  | -                                                   | -                                                   |    |
| 0010       | TEMPORARY CONNECTION RD       | 286    | 12,870 | 1,430                  | 1,716                       | -                           | -               | 858   | -             | -                                              | -                  | -                                                   | -                                                   |    |
| 0010       | MARLEY'S TEMPORARY CONNECTION | 359    | 8,975  | 1,077                  | 2,154                       | 7,180                       | -               | 1,436 | -             | -                                              | -                  | -                                                   | -                                                   |    |
|            |                               |        |        |                        |                             |                             |                 |       |               |                                                |                    |                                                     |                                                     |    |
| 0010       | ENTIRE PROJECT                | -      | -      | -                      | -                           | -                           | -               | -     | -             | -                                              | 1                  | -                                                   | -                                                   |    |
| 0010       | UNDISTRIBUTED                 | -      | 5,666  | 1,677                  | 2,445                       | 1,919                       | 94              | 3,395 | 40            | 14                                             | -                  | -                                                   | -                                                   |    |
| TOTAL 0010 |                               | 62,320 | 18,446 | 26,892                 | 21,080                      | 990                         | 37,349          | 446   | 200           | 1                                              | 3,200              | 3,200                                               | 3,200                                               |    |

\*-ADDITIONAL QUANTITIES SHOWN ELSEWHERE

PROJECT NUMBER: 9200-10-71

HWY: STH 29

COUNTY: BROWN

MISCELLANEOUS QUANTITIES

SHEET 546

E

Addendum No. 02  
ID 9200-10-71  
Revised Sheet 546  
August 28, 2020

FOUNDATION BACKFILL

| CATEGORY   | STATION   | LOCATION      | CY  |
|------------|-----------|---------------|-----|
| 0010       | 637EGE+40 | EVERGREEN AVE | 125 |
| TOTAL 0010 |           |               | 125 |

TOPSOIL STOCKPILE

| CATEGORY   | LOCATION      | CY    |
|------------|---------------|-------|
| 0010       | EVERGREEN AVE | 5,000 |
| TOTAL 0010 |               | 5,000 |

STEEL CASING PIPE

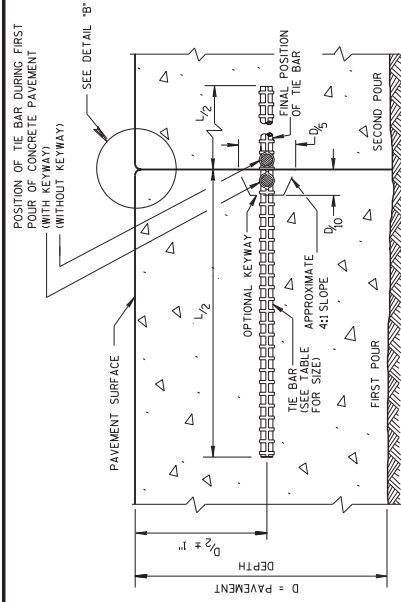
| SPV.0090.03<br>STEEL CASING<br>PIPE 20-INCH |         |    |          |     |
|---------------------------------------------|---------|----|----------|-----|
| CATEGORY                                    | STATION | TO | LOCATION | LF  |
| 0030                                        | 34NB+50 | -  | 37NB+50  | 380 |
| TOTAL 0030                                  |         |    |          | 380 |

GRADING AND SHAPING TEMPORARY CONNECTION ROAD

| SPV.0105.02<br>GRADING AND SHAPING<br>TEMPORARY CONNECTION<br>ROAD |          |    |          |    |
|--------------------------------------------------------------------|----------|----|----------|----|
| CATEGORY                                                           | STATION  | TO | LOCATION | CY |
| 0010                                                               | 10TRC+45 | -  | 11TCR+80 | 1  |
| TOTAL 0010                                                         |          |    |          | 1  |

\*\* NON-BID ITEM, ITEMS AND QUANTITIES LISTED FOR BID INFORMATION ONLY - ITEMS INCIDENTAL TO GRADING AND SHAPING TEMPORARY CONNECTION ROAD

Addendum No. 02  
ID 9200-10-71  
Revised Sheet 573  
August 28, 2020

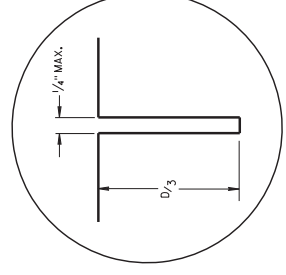
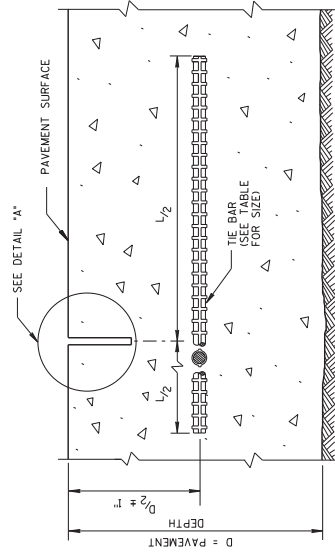


CONSTRUCTION JOINT

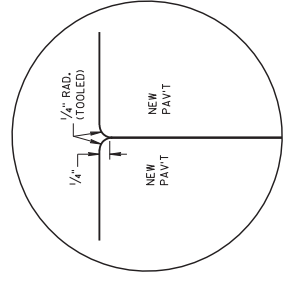
GENERAL NOTES

- CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.
- CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.
- ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.
- PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.

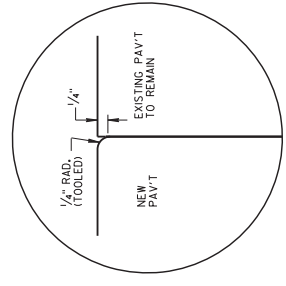
SAWED JOINT



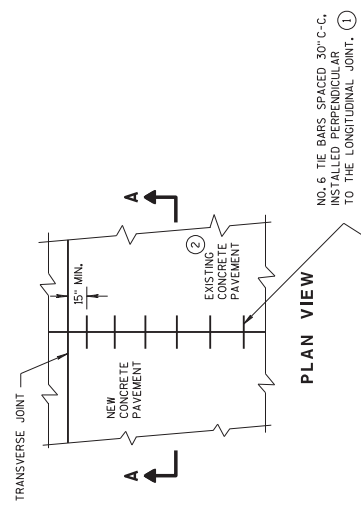
DETAIL "A"



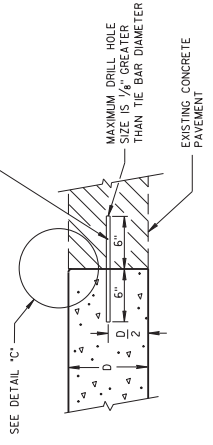
DETAIL "B"



DETAIL "C"



PLAN VIEW



SECTION A-A  
LONGITUDINAL CONSTRUCTION JOINT  
TIE BARS ANCHORED  
INTO EXISTING PAVEMENT

| TIE BAR TABLE      |              |                    |                     |  |
|--------------------|--------------|--------------------|---------------------|--|
| PAVEMENT DEPTH (D) | TIE BAR SIZE | TIE BAR LENGTH (L) | MAX TIE BAR SPACING |  |
| < 10 1/2"          | NO. 4        | 30"                | 36"                 |  |
| ≥ 10 1/2"          | NO. 5        | 36"                | 36"                 |  |
|                    | NO. 4 *      | 30"                | 24" **              |  |

\* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g., AUXILIARY LANES OR TURN LANES)

\*\* CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

Addendum No. 02  
ID 9200-10-71  
Added Sheet 660A  
August 28, 2020

CONCRETE PAVEMENT  
LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
Nor-ch 2008  
DATE

/s/ Peter Kemp, P.E.  
PAVEMENT SUPERVISOR  
FHWA

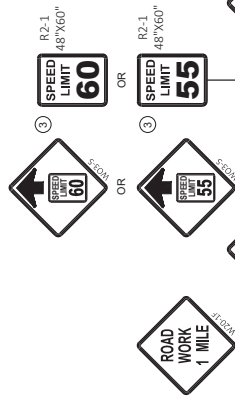
PLAN VIEW  
SHOWING LOCATION OF TIE BARS

## GENERAL NOTES

- THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, INCLUDING FBS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
- THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.
- THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.
- ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.
- "W" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
- ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED OR AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.
- FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

## LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "X" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- FLASHING ARROW BOARD
- FLASHING BEACON SIGN
- STOPPED OR SLOW TRAFFIC WHEN FLASHING



- 5 DRUMS SPACED AT 10 FOOT INTERVALS AS NEEDED.
- IF THERE ARE MORE THAN TWO LANES OR IF SPECIFIED IN THE PLANS, PLACE FBS ON BOTH SIDES OF THE ROADWAY.
- A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. PLACE A SPEED LIMIT SIGN A MINIMUM OF EVERY 3 MILES. INCLUDE A 'RESUME SPEED LIMIT' SIGN 200 FEET MINIMUM ( 800 FEET DESIRABLE) BEYOND THE 'END OF ROADWAY' SIGN.

REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE RAMP. THE BUFFER SPACE AFTER AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE RAMP. THE BUFFER SPACE AFTER A CLOSURE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANUEVER, OF 800 FEET DESIRABLE.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

TEMPORARY PAVEMENT MARKING - 4 INCH EDGE LINE (WHITE ON RIGHT, YELLOW ON LEFT).

50' TYP.

100' TYP.

400'

500' MIN. - 800' DESIRABLE

TRANSITION AREA

50 MPH - 600'

55 MPH - 600'

60 MPH - 720'

65 MPH - 780'

70 MPH - 840'

1000'

500'

25'

50' TYP.

100' TYP.

400'

500' MIN. - 800' DESIRABLE

TRANSITION AREA

50 MPH - 600'

55 MPH - 600'

60 MPH - 720'

65 MPH - 780'

70 MPH - 840'

1000'

500'

25'

50' TYP.

100' TYP.

400'

500' MIN. - 800' DESIRABLE

TRANSITION AREA

50 MPH - 600'

55 MPH - 600'

60 MPH - 720'

65 MPH - 780'

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1000'

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100' TYP.

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25'

50' TYP.

100' TYP.

400'

500' MIN. - 800' DESIRABLE

TRANSITION AREA

50 MPH - 600'

55 MPH - 600'

60 MPH - 720'

65 MPH - 780'



## Proposal Schedule of Items

Page 1 of 25

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|----------------------------------------------------|--------------------------------|------------|------------|
| 0002                 | 201.0105<br>Clearing                               | 55.000<br>STA                  | _____.     | _____.     |
| 0004                 | 201.0120<br>Clearing                               | 200.000<br>ID                  | _____.     | _____.     |
| 0006                 | 201.0205<br>Grubbing                               | 55.000<br>STA                  | _____.     | _____.     |
| 0008                 | 201.0220<br>Grubbing                               | 200.000<br>ID                  | _____.     | _____.     |
| 0010                 | 203.0100<br>Removing Small Pipe Culverts           | 29.000<br>EACH                 | _____.     | _____.     |
| 0012                 | 204.0100<br>Removing Concrete Pavement             | 5,120.000<br>SY                | _____.     | _____.     |
| 0014                 | 204.0110<br>Removing Asphaltic Surface             | 225.000<br>SY                  | _____.     | _____.     |
| 0016                 | 204.0115<br>Removing Asphaltic Surface Butt Joints | 25.000<br>SY                   | _____.     | _____.     |
| 0018                 | 204.0130<br>Removing Curb                          | 560.000<br>LF                  | _____.     | _____.     |
| 0020                 | 204.0150<br>Removing Curb & Gutter                 | 3,565.000<br>LF                | _____.     | _____.     |
| 0022                 | 204.0155<br>Removing Concrete Sidewalk             | 2,725.000<br>SY                | _____.     | _____.     |
| 0024                 | 204.0165<br>Removing Guardrail                     | 325.000<br>LF                  | _____.     | _____.     |
| 0026                 | 204.0170<br>Removing Fence                         | 495.000<br>LF                  | _____.     | _____.     |
| 0028                 | 204.0180<br>Removing Delineators and Markers       | 15.000<br>EACH                 | _____.     | _____.     |
| 0030                 | 204.0210<br>Removing Manholes                      | 2.000<br>EACH                  | _____.     | _____.     |
| 0032                 | 204.0220<br>Removing Inlets                        | 9.000<br>EACH                  | _____.     | _____.     |



## Proposal Schedule of Items

Page 2 of 25

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                     | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0034                 | 204.0245<br>Removing Storm Sewer (size) 01. 12-Inch                     | 112.000<br>LF                  | _____.     | _____.     |
| 0036                 | 204.0245<br>Removing Storm Sewer (size) 02. 18-Inch                     | 834.000<br>LF                  | _____.     | _____.     |
| 0038                 | 204.0245<br>Removing Storm Sewer (size) 03. 24-Inch                     | 25.000<br>LF                   | _____.     | _____.     |
| 0040                 | 204.0245<br>Removing Storm Sewer (size) 04. 30-Inch                     | 12.000<br>LF                   | _____.     | _____.     |
| 0042                 | 204.9060.S<br>Removing (item description) 01. Apron Endwalls            | 6.000<br>EACH                  | _____.     | _____.     |
| 0044                 | 204.9060.S<br>Removing (item description) 02. Underdrain Apron Endwalls | 8.000<br>EACH                  | _____.     | _____.     |
| 0046                 | 204.9090.S<br>Removing (item description) 01. Culvert Pipe              | 86.000<br>LF                   | _____.     | _____.     |
| 0048                 | 204.9090.S<br>Removing (item description) 02. Pipe Underdrain 6-Inch    | 1,930.000<br>LF                | _____.     | _____.     |
| 0050                 | 205.0100<br>Excavation Common                                           | 141,000.000<br>CY              | _____.     | _____.     |
| 0052                 | 206.1000<br>Excavation for Structures Bridges (structure) 01. B-5-416   | LS                             | LUMP SUM   | _____.     |
| 0054                 | 208.0100<br>Borrow                                                      | 573,088.000<br>CY              | _____.     | _____.     |
| 0056                 | 208.1100<br>Select Borrow                                               | 44,381.000<br>CY               | _____.     | _____.     |
| 0058                 | 210.1500<br>Backfill Structure Type A                                   | 590.000<br>TON                 | _____.     | _____.     |
| 0060                 | 213.0100<br>Finishing Roadway (project) 01. 9200-10-71                  | 1.000<br>EACH                  | _____.     | _____.     |



## Proposal Schedule of Items

Page 3 of 25

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

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                 | 213.0100<br>Finishing Roadway (project) 02. 9200-10-72 | 1.000<br>EACH                  | _____.     | _____.     |
| 0064                 | 214.0100<br>Obliterating Old Road                      | 7.600<br>STA                   | _____.     | _____.     |
| 0066                 | 305.0110<br>Base Aggregate Dense 3/4-Inch              | 3,310.000<br>TON               | _____.     | _____.     |
| 0068                 | 305.0120<br>Base Aggregate Dense 1 1/4-Inch            | 85,808.000<br>TON              | _____.     | _____.     |
| 0070                 | 305.0130<br>Base Aggregate Dense 3-Inch                | 18,200.000<br>TON              | _____.     | _____.     |
| 0072                 | 310.0115<br>Base Aggregate Open-Graded                 | 150.000<br>CY                  | _____.     | _____.     |
| 0074                 | 312.0110<br>Select Crushed Material                    | 110,660.000<br>TON             | _____.     | _____.     |
| 0076                 | 405.0100<br>Coloring Concrete WisDOT Red               | 630.000<br>CY                  | _____.     | _____.     |
| 0078                 | 415.0090<br>Concrete Pavement 9-Inch                   | 10,560.000<br>SY               | _____.     | _____.     |
| 0080                 | 415.0410<br>Concrete Pavement Approach Slab            | 80.000<br>SY                   | _____.     | _____.     |
| 0082                 | 415.4100<br>Concrete Pavement Joint Filling            | 5,590.000<br>SY                | _____.     | _____.     |
| 0084                 | 415.5110.S<br>Concrete Pavement Joint Layout           | 1.000<br>LS                    | _____.     | _____.     |
| 0086                 | 416.0160<br>Concrete Driveway 6-Inch                   | 50.000<br>SY                   | _____.     | _____.     |
| 0088                 | 416.0512<br>Concrete Truck Apron 12-Inch               | 1,915.000<br>SY                | _____.     | _____.     |
| 0090                 | 416.0610<br>Drilled Tie Bars                           | 395.000<br>EACH                | _____.     | _____.     |
| 0092                 | 450.4000<br>HMA Cold Weather Paving                    | 2,540.000<br>TON               | _____.     | _____.     |



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Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                         | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-------------------------------------------------------------|--------------------------------|------------|------------|
| 0094                 | 455.0605<br>Tack Coat                                       | 5,060.000<br>GAL               | _____.     | _____.     |
| 0096                 | 460.2000<br>Incentive Density HMA Pavement                  | 12,120.000<br>DOL              | 1.00000    | 12,120.00  |
| 0098                 | 460.5223<br>HMA Pavement 3 LT 58-28 S                       | 2,660.000<br>TON               | _____.     | _____.     |
| 0100                 | 460.5224<br>HMA Pavement 4 LT 58-28 S                       | 2,050.000<br>TON               | _____.     | _____.     |
| 0102                 | 460.6223<br>HMA Pavement 3 MT 58-28 S                       | 8,550.000<br>TON               | _____.     | _____.     |
| 0104                 | 460.6424<br>HMA Pavement 4 MT 58-28 H                       | 5,660.000<br>TON               | _____.     | _____.     |
| 0106                 | 465.0105<br>Asphaltic Surface                               | 15.000<br>TON                  | _____.     | _____.     |
| 0108                 | 465.0120<br>Asphaltic Surface Driveways and Field Entrances | 345.000<br>TON                 | _____.     | _____.     |
| 0110                 | 465.0125<br>Asphaltic Surface Temporary                     | 200.000<br>TON                 | _____.     | _____.     |
| 0112                 | 465.0315<br>Asphaltic Flumes                                | 60.000<br>SY                   | _____.     | _____.     |
| 0114                 | 465.0400<br>Asphaltic Shoulder Rumble Strips                | 10,540.000<br>LF               | _____.     | _____.     |
| 0116                 | 502.0100<br>Concrete Masonry Bridges                        | 1,164.000<br>CY                | _____.     | _____.     |
| 0118                 | 502.3200<br>Protective Surface Treatment                    | 1,843.000<br>SY                | _____.     | _____.     |
| 0120                 | 502.3210<br>Pigmented Surface Sealer                        | 217.000<br>SY                  | _____.     | _____.     |
| 0122                 | 503.0146<br>Prestressed Girder Type I 45W-Inch              | 1,969.000<br>LF                | _____.     | _____.     |
| 0124                 | 505.0400<br>Bar Steel Reinforcement HS Structures           | 11,420.000<br>LB               | _____.     | _____.     |





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Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                                  | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--------------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0126                 | 505.0600<br>Bar Steel Reinforcement HS Coated Structures                             | 182,680.000<br>LB              | _____.     | _____.     |
| 0128                 | 505.0800.S<br>Bar Steel Reinforcement HS Stainless Structures                        | 2,210.000<br>LB                | _____.     | _____.     |
| 0130                 | 506.2605<br>Bearing Pads Elastomeric Non-Laminated                                   | 36.000<br>EACH                 | _____.     | _____.     |
| 0132                 | 506.4000<br>Steel Diaphragms (structure) 01. B-5-416                                 | 32.000<br>EACH                 | _____.     | _____.     |
| 0134                 | 513.4091<br>Railing Tubular Screening                                                | 521.000<br>LF                  | _____.     | _____.     |
| 0136                 | 516.0500<br>Rubberized Membrane Waterproofing                                        | 32.000<br>SY                   | _____.     | _____.     |
| 0138                 | 517.1010.S<br>Concrete Staining (structure) 01. B-5-416                              | 6,070.000<br>SF                | _____.     | _____.     |
| 0140                 | 517.1015.S<br>Concrete Staining Multi-Color (structure) 01. B-5-416                  | 2,665.000<br>SF                | _____.     | _____.     |
| 0142                 | 517.1050.S<br>Architectural Surface Treatment (structure) 01. B-5-416                | 2,665.000<br>SF                | _____.     | _____.     |
| 0144                 | 520.1024<br>Apron Endwalls for Culvert Pipe 24-Inch                                  | 2.000<br>EACH                  | _____.     | _____.     |
| 0146                 | 520.2024<br>Culvert Pipe Temporary 24-Inch                                           | 88.000<br>LF                   | _____.     | _____.     |
| 0148                 | 520.8000<br>Concrete Collars for Pipe                                                | 13.000<br>EACH                 | _____.     | _____.     |
| 0150                 | 521.0348<br>Apron Endwalls for Culvert Pipe Sloped Cross Drains Steel 48-Inch 4 to 1 | 1.000<br>EACH                  | _____.     | _____.     |
| 0152                 | 521.1012<br>Apron Endwalls for Culvert Pipe Steel 12-Inch                            | 3.000<br>EACH                  | _____.     | _____.     |
| 0154                 | 521.1018<br>Apron Endwalls for Culvert Pipe Steel 18-Inch                            | 8.000<br>EACH                  | _____.     | _____.     |



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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                            | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|----------------------------------------------------------------|--------------------------------|------------|------------|
| 0156                 | 521.1024<br>Apron Endwalls for Culvert Pipe Steel 24-Inch      | 8.000<br>EACH                  | _____.     | _____.     |
| 0158                 | 521.1030<br>Apron Endwalls for Culvert Pipe Steel 30-Inch      | 2.000<br>EACH                  | _____.     | _____.     |
| 0160                 | 521.1217<br>Apron Endwalls for Pipe Arch Steel 17x13-Inch      | 2.000<br>EACH                  | _____.     | _____.     |
| 0162                 | 521.1221<br>Apron Endwalls for Pipe Arch Steel 21x15-Inch      | 4.000<br>EACH                  | _____.     | _____.     |
| 0164                 | 521.3118<br>Culvert Pipe Corrugated Steel 18-Inch              | 206.000<br>LF                  | _____.     | _____.     |
| 0166                 | 521.3124<br>Culvert Pipe Corrugated Steel 24-Inch              | 174.000<br>LF                  | _____.     | _____.     |
| 0168                 | 521.3130<br>Culvert Pipe Corrugated Steel 30-Inch              | 76.000<br>LF                   | _____.     | _____.     |
| 0170                 | 521.3717<br>Pipe Arch Corrugated Steel 17x13-Inch              | 34.000<br>LF                   | _____.     | _____.     |
| 0172                 | 521.3721<br>Pipe Arch Corrugated Steel 21x15-Inch              | 62.000<br>LF                   | _____.     | _____.     |
| 0174                 | 522.0118<br>Culvert Pipe Reinforced Concrete Class III 18-Inch | 64.000<br>LF                   | _____.     | _____.     |
| 0176                 | 522.0124<br>Culvert Pipe Reinforced Concrete Class III 24-Inch | 6.000<br>LF                    | _____.     | _____.     |
| 0178                 | 522.0130<br>Culvert Pipe Reinforced Concrete Class III 30-Inch | 142.000<br>LF                  | _____.     | _____.     |
| 0180                 | 522.0148<br>Culvert Pipe Reinforced Concrete Class III 48-Inch | 22.000<br>LF                   | _____.     | _____.     |
| 0182                 | 522.0430<br>Culvert Pipe Reinforced Concrete Class IV 30-Inch  | 164.000<br>LF                  | _____.     | _____.     |



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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                                              | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--------------------------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0184                 | 522.0436<br>Culvert Pipe Reinforced Concrete Class IV 36-Inch                                    | 184.000<br>LF                  | _____.     | _____.     |
| 0186                 | 522.1012<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch                          | 1.000<br>EACH                  | _____.     | _____.     |
| 0188                 | 522.1018<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch                          | 8.000<br>EACH                  | _____.     | _____.     |
| 0190                 | 522.1021<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 21-Inch                          | 1.000<br>EACH                  | _____.     | _____.     |
| 0192                 | 522.1024<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch                          | 5.000<br>EACH                  | _____.     | _____.     |
| 0194                 | 522.1030<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch                          | 4.000<br>EACH                  | _____.     | _____.     |
| 0196                 | 522.1036<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch                          | 6.000<br>EACH                  | _____.     | _____.     |
| 0198                 | 522.1048<br>Apron Endwalls for Culvert Pipe Reinforced Concrete 48-Inch                          | 1.000<br>EACH                  | _____.     | _____.     |
| 0200                 | 522.2338<br>Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 38x60-Inch       | 152.000<br>LF                  | _____.     | _____.     |
| 0202                 | 522.2629<br>Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch | 1.000<br>EACH                  | _____.     | _____.     |
| 0204                 | 522.2638<br>Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 38x60-Inch | 2.000<br>EACH                  | _____.     | _____.     |
| 0206                 | 524.0124<br>Culvert Pipe Salvaged 24-Inch                                                        | 100.000<br>LF                  | _____.     | _____.     |
| 0208                 | 524.0624<br>Apron Endwalls for Culvert Pipe Salvaged 24-Inch                                     | 5.000<br>EACH                  | _____.     | _____.     |



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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                  | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|----------------------------------------------------------------------|--------------------------------|------------|------------|
| 0210                 | 524.0630<br>Apron Endwalls for Culvert Pipe Salvaged 30-Inch         | 1.000<br>EACH                  | _____.     | _____.     |
| 0212                 | 550.1100<br>Piling Steel HP 10-Inch X 42 Lb                          | 5,265.000<br>LF                | _____.     | _____.     |
| 0214                 | 601.0405<br>Concrete Curb & Gutter 18-Inch Type A                    | 1,075.000<br>LF                | _____.     | _____.     |
| 0216                 | 601.0409<br>Concrete Curb & Gutter 30-Inch Type A                    | 2,600.000<br>LF                | _____.     | _____.     |
| 0218                 | 601.0411<br>Concrete Curb & Gutter 30-Inch Type D                    | 31,180.000<br>LF               | _____.     | _____.     |
| 0220                 | 601.0551<br>Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A      | 500.000<br>LF                  | _____.     | _____.     |
| 0222                 | 601.0553<br>Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D      | 150.000<br>LF                  | _____.     | _____.     |
| 0224                 | 601.0576<br>Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type J      | 60.000<br>LF                   | _____.     | _____.     |
| 0226                 | 601.0580<br>Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R      | 1,420.000<br>LF                | _____.     | _____.     |
| 0228                 | 601.0600<br>Concrete Curb Pedestrian                                 | 640.000<br>LF                  | _____.     | _____.     |
| 0230                 | 602.0405<br>Concrete Sidewalk 4-Inch                                 | 101,700.000<br>SF              | _____.     | _____.     |
| 0232                 | 602.0415<br>Concrete Sidewalk 6-Inch                                 | 4,660.000<br>SF                | _____.     | _____.     |
| 0234                 | 602.0515<br>Curb Ramp Detectable Warning Field Natural Patina        | 872.000<br>SF                  | _____.     | _____.     |
| 0236                 | 602.0615<br>Curb Ramp Detectable Warning Field Radial Natural Patina | 125.000<br>SF                  | _____.     | _____.     |
| 0238                 | 603.8000<br>Concrete Barrier Temporary Precast Delivered             | 3,200.000<br>LF                | _____.     | _____.     |



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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--------------------------------------------------------------------|--------------------------------|------------|------------|
| 0240                 | 603.8125<br>Concrete Barrier Temporary Precast Installed           | 3,200.000<br>LF                | _____.     | _____.     |
| 0242                 | 604.0500<br>Slope Paving Crushed Aggregate                         | 678.000<br>SY                  | _____.     | _____.     |
| 0244                 | 606.0200<br>Riprap Medium                                          | 800.000<br>CY                  | _____.     | _____.     |
| 0246                 | 608.0312<br>Storm Sewer Pipe Reinforced Concrete Class III 12-Inch | 247.000<br>LF                  | _____.     | _____.     |
| 0248                 | 608.0315<br>Storm Sewer Pipe Reinforced Concrete Class III 15-Inch | 296.000<br>LF                  | _____.     | _____.     |
| 0250                 | 608.0318<br>Storm Sewer Pipe Reinforced Concrete Class III 18-Inch | 884.000<br>LF                  | _____.     | _____.     |
| 0252                 | 608.0324<br>Storm Sewer Pipe Reinforced Concrete Class III 24-Inch | 2,277.000<br>LF                | _____.     | _____.     |
| 0254                 | 608.0330<br>Storm Sewer Pipe Reinforced Concrete Class III 30-Inch | 1,498.000<br>LF                | _____.     | _____.     |
| 0256                 | 608.0336<br>Storm Sewer Pipe Reinforced Concrete Class III 36-Inch | 1,992.000<br>LF                | _____.     | _____.     |
| 0258                 | 608.0348<br>Storm Sewer Pipe Reinforced Concrete Class III 48-Inch | 1,249.000<br>LF                | _____.     | _____.     |
| 0260                 | 608.0412<br>Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch  | 969.000<br>LF                  | _____.     | _____.     |
| 0262                 | 608.0415<br>Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch  | 730.000<br>LF                  | _____.     | _____.     |
| 0264                 | 608.0418<br>Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch  | 1,074.000<br>LF                | _____.     | _____.     |



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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                                            | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|------------------------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0266                 | 608.0421<br>Storm Sewer Pipe Reinforced Concrete Class IV 21-Inch                              | 171.000<br>LF                  | _____.     | _____.     |
| 0268                 | 608.0424<br>Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch                              | 191.000<br>LF                  | _____.     | _____.     |
| 0270                 | 608.2329<br>Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch | 58.000<br>LF                   | _____.     | _____.     |
| 0272                 | 608.6008<br>Storm Sewer Pipe Composite 8-Inch                                                  | 138.000<br>LF                  | _____.     | _____.     |
| 0274                 | 608.6010<br>Storm Sewer Pipe Composite 10-Inch                                                 | 138.000<br>LF                  | _____.     | _____.     |
| 0276                 | 608.6012<br>Storm Sewer Pipe Composite 12-Inch                                                 | 236.000<br>LF                  | _____.     | _____.     |
| 0278                 | 611.0535<br>Manhole Covers Type J-Special                                                      | 58.000<br>EACH                 | _____.     | _____.     |
| 0280                 | 611.0624<br>Inlet Covers Type H                                                                | 111.000<br>EACH                | _____.     | _____.     |
| 0282                 | 611.0639<br>Inlet Covers Type H-S                                                              | 34.000<br>EACH                 | _____.     | _____.     |
| 0284                 | 611.0642<br>Inlet Covers Type MS                                                               | 5.000<br>EACH                  | _____.     | _____.     |
| 0286                 | 611.0652<br>Inlet Covers Type T                                                                | 8.000<br>EACH                  | _____.     | _____.     |
| 0288                 | 611.2003<br>Manholes 3-FT Diameter                                                             | 6.000<br>EACH                  | _____.     | _____.     |
| 0290                 | 611.2004<br>Manholes 4-FT Diameter                                                             | 5.000<br>EACH                  | _____.     | _____.     |
| 0292                 | 611.2005<br>Manholes 5-FT Diameter                                                             | 16.000<br>EACH                 | _____.     | _____.     |
| 0294                 | 611.2006<br>Manholes 6-FT Diameter                                                             | 12.000<br>EACH                 | _____.     | _____.     |



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| Proposal Line Number | Item ID Description                                                  | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|----------------------------------------------------------------------|--------------------------------|------------|------------|
| 0296                 | 611.2007<br>Manholes 7-FT Diameter                                   | 10.000<br>EACH                 | _____.     | _____.     |
| 0298                 | 611.2008<br>Manholes 8-FT Diameter                                   | 1.000<br>EACH                  | _____.     | _____.     |
| 0300                 | 611.3004<br>Inlets 4-FT Diameter                                     | 12.000<br>EACH                 | _____.     | _____.     |
| 0302                 | 611.3225<br>Inlets 2x2.5-FT                                          | 4.000<br>EACH                  | _____.     | _____.     |
| 0304                 | 611.3230<br>Inlets 2x3-FT                                            | 135.000<br>EACH                | _____.     | _____.     |
| 0306                 | 611.3901<br>Inlets Median 1 Grate                                    | 1.000<br>EACH                  | _____.     | _____.     |
| 0308                 | 611.3902<br>Inlets Median 2 Grate                                    | 2.000<br>EACH                  | _____.     | _____.     |
| 0310                 | 611.9800.S<br>Pipe Grates                                            | 4.000<br>EACH                  | _____.     | _____.     |
| 0312                 | 612.0106<br>Pipe Underdrain 6-Inch                                   | 3,140.000<br>LF                | _____.     | _____.     |
| 0314                 | 612.0206<br>Pipe Underdrain Unperforated 6-Inch                      | 70.000<br>LF                   | _____.     | _____.     |
| 0316                 | 612.0406<br>Pipe Underdrain Wrapped 6-Inch                           | 238.000<br>LF                  | _____.     | _____.     |
| 0318                 | 612.0700<br>Drain Tile Exploration                                   | 50.000<br>LF                   | _____.     | _____.     |
| 0320                 | 612.0806<br>Apron Endwalls for Underdrain Reinforced Concrete 6-Inch | 7.000<br>EACH                  | _____.     | _____.     |
| 0322                 | 614.0150<br>Anchor Assemblies for Steel Plate Beam Guard             | 4.000<br>EACH                  | _____.     | _____.     |
| 0324                 | 614.0220<br>Steel Thrie Beam Bullnose Terminal                       | 2.000<br>EACH                  | _____.     | _____.     |
| 0326                 | 614.0230<br>Steel Thrie Beam                                         | 125.000<br>LF                  | _____.     | _____.     |



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| Proposal Line Number | Item ID Description                                                          | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0328                 | 614.0905<br>Crash Cushions Temporary                                         | 4.000<br>EACH                  | _____.     | _____.     |
| 0330                 | 616.0700.S<br>Fence Safety                                                   | 400.000<br>LF                  | _____.     | _____.     |
| 0332                 | 618.0100<br>Maintenance And Repair of Haul Roads<br>(project) 01. 9200-10-71 | 1.000<br>EACH                  | _____.     | _____.     |
| 0334                 | 618.0100<br>Maintenance And Repair of Haul Roads<br>(project) 02. 9200-10-72 | 1.000<br>EACH                  | _____.     | _____.     |
| 0336                 | 619.1000<br>Mobilization                                                     | 1.000<br>EACH                  | _____.     | _____.     |
| 0338                 | 620.0300<br>Concrete Median Sloped Nose                                      | 1,490.000<br>SF                | _____.     | _____.     |
| 0340                 | 621.0100<br>Landmark Reference Monuments                                     | 14.000<br>EACH                 | _____.     | _____.     |
| 0342                 | 623.0200<br>Dust Control Surface Treatment                                   | 12,000.000<br>SY               | _____.     | _____.     |
| 0344                 | 624.0100<br>Water                                                            | 2,100.000<br>MGAL              | _____.     | _____.     |
| 0346                 | 625.0500<br>Salvaged Topsoil                                                 | 314,010.000<br>SY              | _____.     | _____.     |
| 0348                 | 627.0200<br>Mulching                                                         | 115,000.000<br>SY              | _____.     | _____.     |
| 0350                 | 628.1504<br>Silt Fence                                                       | 70,800.000<br>LF               | _____.     | _____.     |
| 0352                 | 628.1520<br>Silt Fence Maintenance                                           | 111,500.000<br>LF              | _____.     | _____.     |
| 0354                 | 628.1905<br>Mobilizations Erosion Control                                    | 36.000<br>EACH                 | _____.     | _____.     |
| 0356                 | 628.1910<br>Mobilizations Emergency Erosion Control                          | 26.000<br>EACH                 | _____.     | _____.     |
| 0358                 | 628.2004<br>Erosion Mat Class I Type B                                       | 307,500.000<br>SY              | _____.     | _____.     |





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| Proposal Line Number | Item ID Description                          | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|----------------------------------------------|--------------------------------|------------|------------|
| 0360                 | 628.2008<br>Erosion Mat Urban Class I Type B | 54,300.000<br>SY               | _____.     | _____.     |
| 0362                 | 628.2037<br>Erosion Mat Class III Type C     | 530.000<br>SY                  | _____.     | _____.     |
| 0364                 | 628.6510<br>Soil Stabilizer Type B           | 16.000<br>ACRE                 | _____.     | _____.     |
| 0366                 | 628.7005<br>Inlet Protection Type A          | 165.000<br>EACH                | _____.     | _____.     |
| 0368                 | 628.7010<br>Inlet Protection Type B          | 10.000<br>EACH                 | _____.     | _____.     |
| 0370                 | 628.7015<br>Inlet Protection Type C          | 185.000<br>EACH                | _____.     | _____.     |
| 0372                 | 628.7020<br>Inlet Protection Type D          | 10.000<br>EACH                 | _____.     | _____.     |
| 0374                 | 628.7504<br>Temporary Ditch Checks           | 1,400.000<br>LF                | _____.     | _____.     |
| 0376                 | 628.7555<br>Culvert Pipe Checks              | 320.000<br>EACH                | _____.     | _____.     |
| 0378                 | 628.7560<br>Tracking Pads                    | 17.000<br>EACH                 | _____.     | _____.     |
| 0380                 | 628.7570<br>Rock Bags                        | 1,200.000<br>EACH              | _____.     | _____.     |
| 0382                 | 629.0210<br>Fertilizer Type B                | 375.000<br>CWT                 | _____.     | _____.     |
| 0384                 | 630.0110<br>Seeding Mixture No. 10           | 1,800.000<br>LB                | _____.     | _____.     |
| 0386                 | 630.0120<br>Seeding Mixture No. 20           | 7,580.000<br>LB                | _____.     | _____.     |
| 0388                 | 630.0130<br>Seeding Mixture No. 30           | 280.000<br>LB                  | _____.     | _____.     |
| 0390                 | 630.0140<br>Seeding Mixture No. 40           | 700.000<br>LB                  | _____.     | _____.     |
| 0392                 | 630.0175<br>Seeding Mixture No. 75           | 65.000<br>LB                   | _____.     | _____.     |



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Contract Items

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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                                                     | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---------------------------------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0394                 | 630.0200<br>Seeding Temporary                                                                           | 500.000<br>LB                  | _____.     | _____.     |
| 0396                 | 630.0500<br>Seed Water                                                                                  | 1,500.000<br>MGAL              | _____.     | _____.     |
| 0398                 | 632.0101<br>Trees (species) (size) (root) 01. Syringa Reticulata, B&B, 2" Cal, Ivory Silk Lilac         | 6.000<br>EACH                  | _____.     | _____.     |
| 0400                 | 632.0101<br>Trees (species) (size) (root) 02. Juniperus Chinensis, B&B, 48" HT, Spartan Juniper         | 8.000<br>EACH                  | _____.     | _____.     |
| 0402                 | 632.0201<br>Shrubs (species) (size) (root) 01. Physocarpus Opulifolius 'Monlo', CG, #5 Ninebark Diabolo | 16.000<br>EACH                 | _____.     | _____.     |
| 0404                 | 632.0201<br>Shrubs (species) (size) (root) 02. Potentilla Fruticosa, CG, #2, Abbotswood Potentilla      | 72.000<br>EACH                 | _____.     | _____.     |
| 0406                 | 632.9101<br>Landscape Planting Surveillance and Care Cycles                                             | 12.000<br>EACH                 | _____.     | _____.     |
| 0408                 | 633.0100<br>Delineator Posts Steel                                                                      | 100.000<br>EACH                | _____.     | _____.     |
| 0410                 | 633.0500<br>Delineator Reflectors                                                                       | 136.000<br>EACH                | _____.     | _____.     |
| 0412                 | 633.5200<br>Markers Culvert End                                                                         | 16.000<br>EACH                 | _____.     | _____.     |
| 0414                 | 634.0612<br>Posts Wood 4x6-Inch X 12-FT                                                                 | 56.000<br>EACH                 | _____.     | _____.     |
| 0416                 | 634.0614<br>Posts Wood 4x6-Inch X 14-FT                                                                 | 74.000<br>EACH                 | _____.     | _____.     |
| 0418                 | 634.0616<br>Posts Wood 4x6-Inch X 16-FT                                                                 | 45.000<br>EACH                 | _____.     | _____.     |
| 0420                 | 634.0618<br>Posts Wood 4x6-Inch X 18-FT                                                                 | 31.000<br>EACH                 | _____.     | _____.     |



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| Proposal Line Number | Item ID Description                                 | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-----------------------------------------------------|--------------------------------|------------|------------|
| 0422                 | 634.0812<br>Posts Tubular Steel 2x2-Inch X 12-FT    | 4.000<br>EACH                  | _____.     | _____.     |
| 0424                 | 635.0200<br>Sign Supports Structural Steel HS       | 9,555.000<br>LB                | _____.     | _____.     |
| 0426                 | 636.0100<br>Sign Supports Concrete Masonry          | 14.000<br>CY                   | _____.     | _____.     |
| 0428                 | 636.0500<br>Sign Supports Steel Reinforcement       | 826.000<br>LB                  | _____.     | _____.     |
| 0430                 | 637.1220<br>Signs Type I Reflective SH              | 2,312.500<br>SF                | _____.     | _____.     |
| 0432                 | 637.2210<br>Signs Type II Reflective H              | 1,477.820<br>SF                | _____.     | _____.     |
| 0434                 | 637.2220<br>Signs Type II Reflective SH             | 20.250<br>SF                   | _____.     | _____.     |
| 0436                 | 637.2230<br>Signs Type II Reflective F              | 323.170<br>SF                  | _____.     | _____.     |
| 0438                 | 638.2601<br>Removing Signs Type I                   | 8.000<br>EACH                  | _____.     | _____.     |
| 0440                 | 638.2602<br>Removing Signs Type II                  | 128.000<br>EACH                | _____.     | _____.     |
| 0442                 | 638.3000<br>Removing Small Sign Supports            | 171.000<br>EACH                | _____.     | _____.     |
| 0444                 | 638.3100<br>Removing Structural Steel Sign Supports | 6.000<br>EACH                  | _____.     | _____.     |
| 0446                 | 640.1303.S<br>Pond Liner Clay                       | 7,420.000<br>CY                | _____.     | _____.     |
| 0448                 | 642.5401<br>Field Office Type D                     | 1.000<br>EACH                  | _____.     | _____.     |
| 0450                 | 643.0300<br>Traffic Control Drums                   | 62,320.000<br>DAY              | _____.     | _____.     |
| 0452                 | 643.0420<br>Traffic Control Barricades Type III     | 18,580.000<br>DAY              | _____.     | _____.     |
| 0454                 | 643.0705<br>Traffic Control Warning Lights Type A   | 27,160.000<br>DAY              | _____.     | _____.     |



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|----------------------|-----------------------------------------------------------------|--------------------------------|------------|------------|
| 0456                 | 643.0715<br>Traffic Control Warning Lights Type C               | 21,080.000<br>DAY              | _____.     | _____.     |
| 0458                 | 643.0800<br>Traffic Control Arrow Boards                        | 990.000<br>DAY                 | _____.     | _____.     |
| 0460                 | 643.0900<br>Traffic Control Signs                               | 64,065.000<br>DAY              | _____.     | _____.     |
| 0462                 | 643.1000<br>Traffic Control Signs Fixed Message                 | 126.000<br>SF                  | _____.     | _____.     |
| 0464                 | 643.1050<br>Traffic Control Signs PCMS                          | 460.000<br>DAY                 | _____.     | _____.     |
| 0466                 | 643.5000<br>Traffic Control                                     | 1.000<br>EACH                  | _____.     | _____.     |
| 0468                 | 645.0111<br>Geotextile Type DF Schedule A                       | 2,794.000<br>SY                | _____.     | _____.     |
| 0470                 | 645.0120<br>Geotextile Type HR                                  | 2,320.000<br>SY                | _____.     | _____.     |
| 0472                 | 645.0140<br>Geotextile Type SAS                                 | 88,410.000<br>SY               | _____.     | _____.     |
| 0474                 | 646.1020<br>Marking Line Epoxy 4-Inch                           | 53,675.000<br>LF               | _____.     | _____.     |
| 0476                 | 646.1555<br>Marking Line Grooved Contrast Permanent Tape 4-Inch | 100.000<br>LF                  | _____.     | _____.     |
| 0478                 | 646.3020<br>Marking Line Epoxy 8-Inch                           | 540.000<br>LF                  | _____.     | _____.     |
| 0480                 | 646.3555<br>Marking Line Grooved Contrast Permanent Tape 8-Inch | 3,380.000<br>LF                | _____.     | _____.     |
| 0482                 | 646.5020<br>Marking Arrow Epoxy                                 | 8.000<br>EACH                  | _____.     | _____.     |
| 0484                 | 646.6120<br>Marking Stop Line Epoxy 18-Inch                     | 15.000<br>LF                   | _____.     | _____.     |
| 0486                 | 646.6464<br>Cold Weather Marking Epoxy 4-Inch                   | 10,940.000<br>LF               | _____.     | _____.     |



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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                       | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0488                 | 646.6468<br>Cold Weather Marking Epoxy 8-Inch                             | 290.000<br>LF                  | _____.     | _____.     |
| 0490                 | 646.7120<br>Marking Diagonal Epoxy 12-Inch                                | 530.000<br>LF                  | _____.     | _____.     |
| 0492                 | 646.7420<br>Marking Crosswalk Epoxy Transverse Line 6-Inch                | 1,510.000<br>LF                | _____.     | _____.     |
| 0494                 | 646.8120<br>Marking Curb Epoxy                                            | 375.000<br>LF                  | _____.     | _____.     |
| 0496                 | 646.8220<br>Marking Island Nose Epoxy                                     | 10.000<br>EACH                 | _____.     | _____.     |
| 0498                 | 646.9010<br>Marking Removal Line Water Blasting 4-Inch                    | 4,085.000<br>LF                | _____.     | _____.     |
| 0500                 | 646.9110<br>Marking Removal Line Water Blasting 8-Inch                    | 3,415.000<br>LF                | _____.     | _____.     |
| 0502                 | 649.0120<br>Temporary Marking Line Epoxy 4-Inch                           | 920.000<br>LF                  | _____.     | _____.     |
| 0504                 | 649.0820<br>Temporary Marking Stop Line Epoxy 18-Inch                     | 30.000<br>LF                   | _____.     | _____.     |
| 0506                 | 650.4000<br>Construction Staking Storm Sewer                              | 216.000<br>EACH                | _____.     | _____.     |
| 0508                 | 650.4500<br>Construction Staking Subgrade                                 | 31,764.000<br>LF               | _____.     | _____.     |
| 0510                 | 650.5000<br>Construction Staking Base                                     | 21,878.000<br>LF               | _____.     | _____.     |
| 0512                 | 650.5500<br>Construction Staking Curb Gutter and Curb & Gutter            | 33,203.000<br>LF               | _____.     | _____.     |
| 0514                 | 650.6000<br>Construction Staking Pipe Culverts                            | 15.000<br>EACH                 | _____.     | _____.     |
| 0516                 | 650.6500<br>Construction Staking Structure Layout (structure) 01. B-5-416 | LS                             | LUMP SUM   | _____.     |



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| Proposal Line Number | Item ID Description                                                                | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|------------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0518                 | 650.7000<br>Construction Staking Concrete Pavement                                 | 9,886.000<br>LF                | _____.     | _____.     |
| 0520                 | 650.8500<br>Construction Staking Electrical Installations (project) 01. 9200-10-71 | LS                             | LUMP SUM   | _____.     |
| 0522                 | 650.9000<br>Construction Staking Curb Ramps                                        | 49.000<br>EACH                 | _____.     | _____.     |
| 0524                 | 650.9910<br>Construction Staking Supplemental Control (project) 01. 9200-10-71     | LS                             | LUMP SUM   | _____.     |
| 0526                 | 650.9910<br>Construction Staking Supplemental Control (project) 02. 9200-10-72     | LS                             | LUMP SUM   | _____.     |
| 0528                 | 650.9920<br>Construction Staking Slope Stakes                                      | 34,606.000<br>LF               | _____.     | _____.     |
| 0530                 | 652.0125<br>Conduit Rigid Metallic 2-Inch                                          | 34.000<br>LF                   | _____.     | _____.     |
| 0532                 | 652.0225<br>Conduit Rigid Nonmetallic Schedule 40 2-Inch                           | 7,933.000<br>LF                | _____.     | _____.     |
| 0534                 | 652.0235<br>Conduit Rigid Nonmetallic Schedule 40 3-Inch                           | 2,065.000<br>LF                | _____.     | _____.     |
| 0536                 | 652.0605<br>Conduit Special 2-Inch                                                 | 95.000<br>LF                   | _____.     | _____.     |
| 0538                 | 652.0700.S<br>Install Conduit into Existing Item                                   | 2.000<br>EACH                  | _____.     | _____.     |
| 0540                 | 653.0140<br>Pull Boxes Steel 24x42-Inch                                            | 2.000<br>EACH                  | _____.     | _____.     |
| 0542                 | 653.0164<br>Pull Boxes Non-Conductive 24x42-Inch                                   | 40.000<br>EACH                 | _____.     | _____.     |
| 0544                 | 653.0222<br>Junction Boxes 18x12x6-Inch                                            | 1.000<br>EACH                  | _____.     | _____.     |
| 0546                 | 653.0905<br>Removing Pull Boxes                                                    | 21.000<br>EACH                 | _____.     | _____.     |



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| Proposal Line Number | Item ID Description                                                                     | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-----------------------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0548                 | 654.0105<br>Concrete Bases Type 5                                                       | 42.000<br>EACH                 | _____.     | _____.     |
| 0550                 | 654.0230<br>Concrete Control Cabinet Bases Type L30                                     | 2.000<br>EACH                  | _____.     | _____.     |
| 0552                 | 654.1150<br>Concrete Bases Camera Pole 50-FT                                            | 1.000<br>EACH                  | _____.     | _____.     |
| 0554                 | 655.0515<br>Electrical Wire Traffic Signals 10 AWG                                      | 755.000<br>LF                  | _____.     | _____.     |
| 0556                 | 655.0525<br>Electrical Wire Traffic Signals 6 AWG                                       | 330.000<br>LF                  | _____.     | _____.     |
| 0558                 | 655.0610<br>Electrical Wire Lighting 12 AWG                                             | 8,853.000<br>LF                | _____.     | _____.     |
| 0560                 | 655.0615<br>Electrical Wire Lighting 10 AWG                                             | 9,320.000<br>LF                | _____.     | _____.     |
| 0562                 | 655.0625<br>Electrical Wire Lighting 6 AWG                                              | 29,865.000<br>LF               | _____.     | _____.     |
| 0564                 | 656.0200<br>Electrical Service Meter Breaker Pedestal (location) 01. CB100              | LS                             | LUMP SUM   | _____.     |
| 0566                 | 656.0200<br>Electrical Service Meter Breaker Pedestal (location) 02. CB200              | LS                             | LUMP SUM   | _____.     |
| 0568                 | 656.0200<br>Electrical Service Meter Breaker Pedestal (location) 03. STH 29 EB & CTH VV | LS                             | LUMP SUM   | _____.     |
| 0570                 | 656.0200<br>Electrical Service Meter Breaker Pedestal (location) 04. STH 29 WB & CTH VV | LS                             | LUMP SUM   | _____.     |
| 0572                 | 656.0500<br>Electrical Service Breaker Disconnect Box (location) 01. CCTV-05-0113       | LS                             | LUMP SUM   | _____.     |
| 0574                 | 657.0255<br>Transformer Bases Breakaway 11 1/2-Inch Bolt Circle                         | 42.000<br>EACH                 | _____.     | _____.     |



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| Proposal Line Number | Item ID Description                                             | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-----------------------------------------------------------------|--------------------------------|------------|------------|
| 0576                 | 657.0322<br>Poles Type 5-Aluminum                               | 42.000<br>EACH                 | _____.     | _____.     |
| 0578                 | 657.0710<br>Luminaire Arms Truss Type 4 1/2-Inch<br>Clamp 12-FT | 43.000<br>EACH                 | _____.     | _____.     |
| 0580                 | 657.6005<br>Anchor Assemblies Light Poles on<br>Structures      | 1.000<br>EACH                  | _____.     | _____.     |
| 0582                 | 659.1115<br>Luminaires Utility LED A                            | 28.000<br>EACH                 | _____.     | _____.     |
| 0584                 | 659.1120<br>Luminaires Utility LED B                            | 15.000<br>EACH                 | _____.     | _____.     |
| 0586                 | 659.2130<br>Lighting Control Cabinets 120/240 30-<br>Inch       | 2.000<br>EACH                  | _____.     | _____.     |
| 0588                 | 670.0100<br>Field System Integrator                             | LS                             | LUMP SUM   | _____.     |
| 0590                 | 670.0200<br>ITS Documentation                                   | LS                             | LUMP SUM   | _____.     |
| 0592                 | 673.0200<br>Tracer Wire Marker Posts                            | 3.000<br>EACH                  | _____.     | _____.     |
| 0594                 | 673.0225.S<br>Install Pole Mounted Cabinet                      | 1.000<br>EACH                  | _____.     | _____.     |
| 0596                 | 677.0150<br>Install Camera Pole 50-FT                           | 1.000<br>EACH                  | _____.     | _____.     |
| 0598                 | 677.0200<br>Install Camera Assembly                             | 1.000<br>EACH                  | _____.     | _____.     |
| 0600                 | 678.0012<br>Install Fiber Optic Cable Outdoor Plant<br>12-CT    | 935.000<br>LF                  | _____.     | _____.     |
| 0602                 | 678.0300<br>Fiber Optic Splice                                  | 16.000<br>EACH                 | _____.     | _____.     |
| 0604                 | 678.0400<br>Fiber Optic Termination                             | 12.000<br>EACH                 | _____.     | _____.     |
| 0606                 | 678.0500<br>Communication System Testing                        | LS                             | LUMP SUM   | _____.     |





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| Proposal Line Number | Item ID Description                                                      | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0608                 | 678.0600<br>Install Ethernet Switches                                    | 1.000<br>EACH                  | _____.     | _____.     |
| 0610                 | 690.0150<br>Sawing Asphalt                                               | 10,185.000<br>LF               | _____.     | _____.     |
| 0612                 | 690.0250<br>Sawing Concrete                                              | 4,115.000<br>LF                | _____.     | _____.     |
| 0614                 | 715.0415<br>Incentive Strength Concrete Pavement                         | 5,540.000<br>DOL               | 1.00000    | 5,540.00   |
| 0616                 | 715.0502<br>Incentive Strength Concrete Structures                       | 6,950.000<br>DOL               | 1.00000    | 6,950.00   |
| 0618                 | 715.0710<br>Optimized Aggregate Gradation Incentive                      | 9,950.000<br>DOL               | 1.00000    | 9,950.00   |
| 0620                 | 740.0440<br>Incentive IRI Ride                                           | 5,890.000<br>DOL               | 1.00000    | 5,890.00   |
| 0622                 | 999.1500.S<br>Crack and Damage Survey                                    | LS                             | LUMP SUM   | _____.     |
| 0624                 | SPV.0035<br>Special 01. Planting Soil Mixture                            | 970.000<br>CY                  | _____.     | _____.     |
| 0626                 | SPV.0035<br>Special 02. Foundation Backfill                              | 125.000<br>CY                  | _____.     | _____.     |
| 0628                 | SPV.0060<br>Special 01. Manholes 10-FT Diameter                          | 1.000<br>EACH                  | _____.     | _____.     |
| 0630                 | SPV.0060<br>Special 02. Inlets 6-FT Diameter                             | 2.000<br>EACH                  | _____.     | _____.     |
| 0632                 | SPV.0060<br>Special 03. Apron Endwalls for Culvert<br>Pipe Steel 10-Inch | 2.000<br>EACH                  | _____.     | _____.     |
| 0634                 | SPV.0060<br>Special 04. Outfall Structure 2X2-FT                         | 3.000<br>EACH                  | _____.     | _____.     |
| 0636                 | SPV.0060<br>Special 05. Outfall Structure 3X3-FT                         | 2.000<br>EACH                  | _____.     | _____.     |
| 0638                 | SPV.0060<br>Special 06. Outfall Structure 3X6-FT                         | 1.000<br>EACH                  | _____.     | _____.     |



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|----------------------|-----------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0640                 | SPV.0060<br>Special 07. Rock Crib CTH TS                                    | 1.000<br>EACH                  | _____.     | _____.     |
| 0642                 | SPV.0060<br>Special 08. Rock Crib CTH VV                                    | 1.000<br>EACH                  | _____.     | _____.     |
| 0644                 | SPV.0060<br>Special 09. Rock Crib Evergreen Ave                             | 1.000<br>EACH                  | _____.     | _____.     |
| 0646                 | SPV.0060<br>Special 10. Construction Staking Pond Layout                    | 3.000<br>EACH                  | _____.     | _____.     |
| 0648                 | SPV.0060<br>Special 12. Storm Sewer Plug 12-Inch                            | 2.000<br>EACH                  | _____.     | _____.     |
| 0650                 | SPV.0060<br>Special 13. Storm Sewer Plug 21-Inch                            | 1.000<br>EACH                  | _____.     | _____.     |
| 0652                 | SPV.0060<br>Special 14. Storm Sewer Plug 24-Inch                            | 1.000<br>EACH                  | _____.     | _____.     |
| 0654                 | SPV.0060<br>Special 20. Cable Splice                                        | 10.000<br>EACH                 | _____.     | _____.     |
| 0656                 | SPV.0060<br>Special 21. Handhole                                            | 44.000<br>EACH                 | _____.     | _____.     |
| 0658                 | SPV.0060<br>Special 30. Concrete Control Cabinet Base NER Type 10           | 2.000<br>EACH                  | _____.     | _____.     |
| 0660                 | SPV.0060<br>Special 40. Grasses, Feather Reed Grass (Karl Foerster), CG, #1 | 93.000<br>EACH                 | _____.     | _____.     |
| 0662                 | SPV.0060<br>Special 41. Perennials, Russian Sage, CG, #1                    | 148.000<br>EACH                | _____.     | _____.     |
| 0664                 | SPV.0060<br>Special 42. Perennials, Professor Kippenbeg Aster, CG, #1       | 52.000<br>EACH                 | _____.     | _____.     |
| 0666                 | SPV.0060<br>Special 43. Perennials, Purple Gas Plant, CG, #1                | 49.000<br>EACH                 | _____.     | _____.     |
| 0668                 | SPV.0060<br>Special 44. Perennials, Butterfly Flower, CG, #1                | 25.000<br>EACH                 | _____.     | _____.     |



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Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                    | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0670                 | SPV.0060<br>Special 45. Perennials, 'Bravado'<br>Coneflower, CG, #1    | 96.000<br>EACH                 | _____.     | _____.     |
| 0672                 | SPV.0060<br>Special 46. Perennials, 'Fireball'<br>Monarda, CG, #1      | 79.000<br>EACH                 | _____.     | _____.     |
| 0674                 | SPV.0060<br>Special 47. Perennials, 'Autumn Fire'<br>Sedum, CG, #1     | 123.000<br>EACH                | _____.     | _____.     |
| 0676                 | SPV.0060<br>Special 48. Perennials, 'Stella D' Oro'<br>Daylily, CG, #1 | 509.000<br>EACH                | _____.     | _____.     |
| 0678                 | SPV.0060<br>Special 49. Perennials, 'Autumn Joy',<br>Sedum, CG, #1     | 443.000<br>EACH                | _____.     | _____.     |
| 0680                 | SPV.0060<br>Special 50. Perennials, Moonshine<br>Yarrow, CG, #1        | 183.000<br>EACH                | _____.     | _____.     |
| 0682                 | SPV.0060<br>Special 60. Planting Pod                                   | 38.000<br>EACH                 | _____.     | _____.     |
| 0684                 | SPV.0060<br>Special 61. Submergent Wetland<br>Plantings                | 755.000<br>EACH                | _____.     | _____.     |
| 0686                 | SPV.0060<br>Special 62. Emergent Wetland Plantings                     | 1,520.000<br>EACH              | _____.     | _____.     |
| 0688                 | SPV.0090<br>Special 01. Concrete Curb & Gutter 24-<br>Inch Type D      | 145.000<br>LF                  | _____.     | _____.     |
| 0690                 | SPV.0090<br>Special 02. Fence Chain Link Polymer<br>Coated 6-FT        | 64.000<br>LF                   | _____.     | _____.     |
| 0692                 | SPV.0090<br>Special 03. Steel Casing Pipe 20-Inch                      | 380.000<br>LF                  | _____.     | _____.     |
| 0694                 | SPV.0090<br>Special 04. Concrete Curb Type G<br>Modified               | 50.000<br>LF                   | _____.     | _____.     |
| 0696                 | SPV.0090<br>Special 05. Storm Lateral 4-Inch                           | 50.000<br>LF                   | _____.     | _____.     |



## Proposal Schedule of Items

Page 24 of 25

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                         | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-----------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0698                 | SPV.0090<br>Special 06. Marking Line Yield Line 18-Inch                     | 230.000<br>LF                  | _____.     | _____.     |
| 0700                 | SPV.0090<br>Special 20. HDPE Conduit 1.25-Inch and 2-Inch Directional Bored | 53,873.000<br>LF               | _____.     | _____.     |
| 0702                 | SPV.0090<br>Special 21. HDPE Conduit 1.25-Inch and 2-Inch Vibratory Plowed  | 11,231.000<br>LF               | _____.     | _____.     |
| 0704                 | SPV.0090<br>Special 22. 432 Strand Fiber Optic Cable                        | 47,695.000<br>LF               | _____.     | _____.     |
| 0706                 | SPV.0090<br>Special 23. 216 Strand Fiber Optic Cable                        | 22,909.000<br>LF               | _____.     | _____.     |
| 0708                 | SPV.0105<br>Special 01. Remove RCUT Lighting Equipment                      | LS                             | LUMP SUM   | _____.     |
| 0710                 | SPV.0105<br>Special 02. Grading and Shaping Temporary Connection Road       | LS                             | LUMP SUM   | _____.     |
| 0712                 | SPV.0105<br>Special 20. Traffic Control Project 9200-10-72                  | LS                             | LUMP SUM   | _____.     |
| 0714                 | SPV.0105<br>Special 21. Construction Staking Broadband Fiber                | LS                             | LUMP SUM   | _____.     |
| 0716                 | SPV.0180<br>Special 01. Hardwood Mulch                                      | 1,440.000<br>SY                | _____.     | _____.     |
| 0718                 | SPV.0180<br>Special 02. Concrete Base SHES 9-Inch                           | 5,960.000<br>SY                | _____.     | _____.     |
| 0720                 | SPV.0180<br>Special 03. Colored and Stamped Concrete 4-Inch                 | 2,090.000<br>SY                | _____.     | _____.     |
| 0722                 | 643.1205.S<br>Basic Traffic Queue Warning System                            | 200.000<br>DAY                 | _____.     | _____.     |
| 0724                 | SPV.0035<br>Special 03. Topsoil Stockpile                                   | 5,000.000<br>CY                | _____.     | _____.     |
| Section: 0001        |                                                                             |                                | Total:     | _____.     |

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





## Wisconsin Department of Transportation

September 8, 2020

### Division of Transportation Systems Development

Bureau of Project Development  
4822 Madison Yards Way, 4<sup>th</sup> Floor South  
Madison, WI 53705

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

### NOTICE TO ALL CONTRACTORS:

**Proposal #11: 9200-10-71, WISC 2019 634**  
**Shawano – Green Bay**  
**CTH VV Interchange**  
**STH 29**  
**Brown County**

**9200-10-72, WISC 2019 634**  
**Shawano – Green Bay**  
**CTH VV Interchange**  
**STH 29**  
**Brown County**

### Letting of September 15, 2020

This is Addendum No. 03, which provides for the following:

#### Special Provisions:

| Revised Special Provisions |                                |
|----------------------------|--------------------------------|
| Article No.                | Description                    |
| 10                         | Work by Others                 |
| 84                         | Cable Splice, Item SPV.0060.20 |

| Deleted Special Provisions |                      |
|----------------------------|----------------------|
| Article No.                | Description          |
| 11                         | Hauling Restrictions |

#### Schedule of Items:

| Revised Bid Item Quantities |                                       |      |              |                  |                |
|-----------------------------|---------------------------------------|------|--------------|------------------|----------------|
| Bid Item                    | Item Description                      | Unit | Old Quantity | Revised Quantity | Proposal Total |
| 460.5223                    | HMA Pavement 3 LT 58-28 S             | TON  | 2,660        | -110             | 2,550          |
| 460.5224                    | HMA Pavement 4 LT 58-28 S             | TON  | 2,050        | -85              | 1,965          |
| 643.0300                    | Traffic Control Drums                 | DAY  | 62,320       | -3,320           | 59,000         |
| 643.0420                    | Traffic Control Barricade Type III    | DAY  | 18,580       | -1,630           | 16,950         |
| 643.0705                    | Traffic Control Warning Lights Type A | DAY  | 27,160       | -2,715           | 24,445         |
| 643.0715                    | Traffic Control Warning Lights Type C | DAY  | 21,080       | -10,160          | 10,920         |
| 643.0800                    | Traffic Control Arrow Boards          | DAY  | 990          | +375             | 1,365          |
| 643.0900                    | Traffic Control Signs                 | DAY  | 64,065       | -1,765           | 62,300         |
| 643.1050                    | Traffic Control Signs PCMS            | DAY  | 460          | -300             | 160            |
| 643.1205.S                  | Basic Traffic Queue Warning System    | DAY  | 200          | -25              | 175            |

**Plan Sheets:**

| <b>Revised Plan Sheets</b> |                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Plan Sheet                 | Plan Sheet Title (brief description of changes to sheet)                                                                     |
| 23                         | Typical Sections (Revised typical station range and updated typical widths)                                                  |
| 514-515                    | Miscellaneous Quantities (Removed Temporary Connection Road and updated total)                                               |
| 546                        | Miscellaneous Quantities (Updated Traffic Control items and created separated table for Basic Traffic Queue Warning System). |

| <b>Added Plan Sheets</b> |                                                             |
|--------------------------|-------------------------------------------------------------|
| Plan Sheet               | Plan Sheet Title (brief description of why sheet was added) |
| 22A                      | Typical Section (Added typical section for CTH TS)          |

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. 03**  
**9200-10-71, 9200-10-72**  
**September 8, 2020**

**Special Provisions**

**10. Work by others.**

*Replace paragraph one under section titled **North Overland Roundabout** with the following:*

The Village of Hobart will be constructing a roundabout at the intersection of North Overland Road and future CTH TS. Work under this contract is anticipated to start in May 2021 and be completed by November 2021. Contact Jerry Lancelle, (920) 869-3807, [jerry@hobart-wi.org](mailto:jerry@hobart-wi.org) for additional information.

**11. DELETED**

**84. Cable Splice, Item SPV.0060.20.**

*Replace paragraph two under section titled **C Construction** with the following:*

Fusion Splice 24 strands of each fiber optic cable at each of the splice points identified on the plans. All cable strand splicing will be performed using a fusion splice machine that is capable of splicing within a 0.1dB loss tolerance and equipped with either live monitoring or a Local Injection Detection (LID) testing system, thus ensuring the splice quality while the splice is set up in the machine.

**Schedule of Items**

Attached, dated September 8, 2020, are the revised Schedule of Items Pages 4, 15, 16, and 24.

**Plan Sheets**

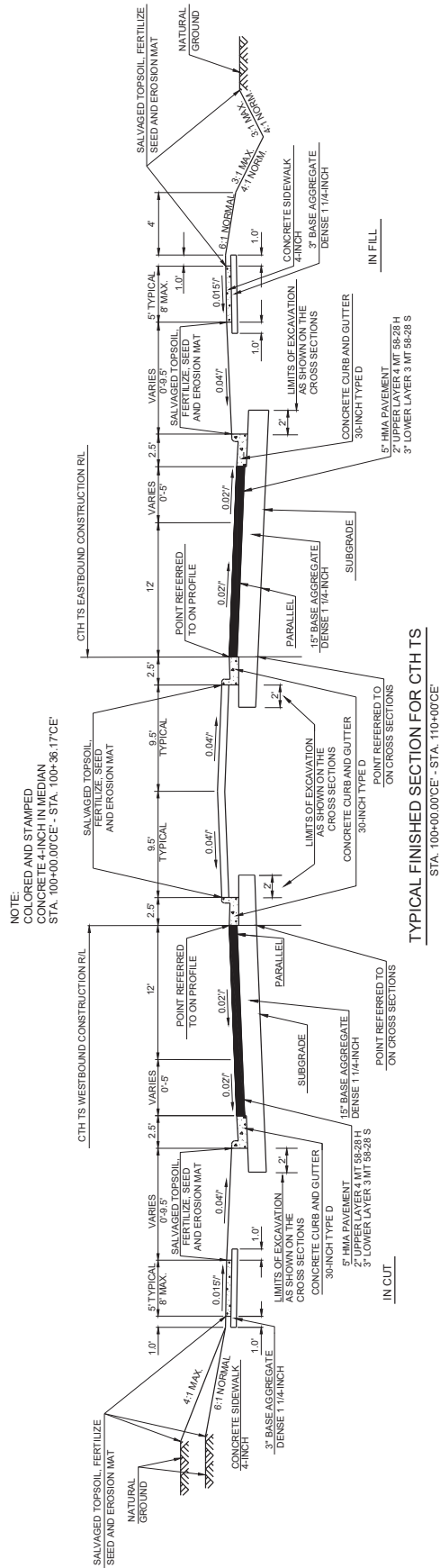
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 23, 514, 515, and 546.

Added: 22A.

END OF ADDENDUM

|                                                                                 |  |                        |  |                             |  |                           |  |                        |  |                       |  |
|---------------------------------------------------------------------------------|--|------------------------|--|-----------------------------|--|---------------------------|--|------------------------|--|-----------------------|--|
| PROJECT NO: 9200-10-71                                                          |  | HWY: STH 29            |  | COUNTY: BROWN               |  | TYPICAL SECTIONS          |  | SHEET 22A              |  | E                     |  |
| FILE NAME: V:\FRANK-GR4\0610\STH 29\CH W\INTERCHANGES\CD\HETS\THA40\2000\TS.DWG |  | LAYOUT NAME: 000323.ts |  | PLOT DATE: 9/7/2020 5:00 PM |  | PLOT BY: VERVILLE, PHILIP |  | PLOT NAME: 1 IN=200 FT |  | WOODCO/CAODS SHEET 42 |  |





TYPICAL FINISHED SECTION FOR CTH TS  
STA. 110+00.00'CE' - STA. 119+76.20'CE'



TYPICAL FINISHED SECTION FOR MILLWOOD CT.

|                                                                                                                                                                                                                                                   |  |             |  |               |  |                  |  |                |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------|--|---------------|--|------------------|--|----------------|--|
| PROJECT NO: 9200-10-71                                                                                                                                                                                                                            |  | HWY: 5TH 29 |  | COUNTY: BROWN |  | TYPICAL SECTIONS |  | SHEET 23 OF 23 |  |
| FILE NAME: V:\TRANS-GR4\0610\5TH 29-CH.W\INTERCHANGE\CD\HATCHES\A4020801-TS.DWG<br>LAYOUT NAME: 0003201s<br>PLOT DATE: 9/7/2020 4:59 PM<br>PLOT BY: VERVALE, PHILIP<br>PLOT NAME: 1 IN=20.0 FT<br>PLOT SCALE: 1 IN=20.0 FT<br>WOOD/CADDS SHEET 42 |  |             |  |               |  |                  |  |                |  |

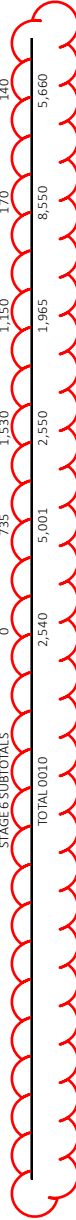
## HMA PAVEMENT

| CATEGORY          | STATION   | TO | STATION   | LOCATION               | 450.4000 |  | 455.0605  |   | 450.5223     |     | 460.5224     |   | 460.6223     |   | 460.6424     |  |
|-------------------|-----------|----|-----------|------------------------|----------|--|-----------|---|--------------|-----|--------------|---|--------------|---|--------------|--|
|                   |           |    |           |                        | HMA COLD |  | TACK COAT |   | HMA PAVEMENT |     | HMA PAVEMENT |   | HMA PAVEMENT |   | HMA PAVEMENT |  |
|                   |           |    |           |                        | TON      |  | GAL       |   | TON          |     | TON          |   | TON          |   | TON          |  |
| <b>STAGE 2</b>    |           |    |           |                        |          |  |           |   |              |     |              |   |              |   |              |  |
| 0010              | 58NB+25   | -  | 59NB+44   | MARLEY ST, NB          | -        |  | 31        | - | -            | -   | -            | - | 57           | - | 22           |  |
| 0010              | 58SB+25   | -  | 59SB+20   | MARLEY ST, SB          | -        |  | 26        | - | -            | -   | -            | - | 47           | - | 18           |  |
| 0010              | 40CD+00   | -  | 43CD+64   | MARLEY-EVERGREEN RAB   | -        |  | 198       | - | -            | -   | -            | - | 385          | - | 142          |  |
| 0010              | 61NB+13   | -  | 65NB+25   | MARLEY ST, NB          | -        |  | 78        | - | -            | -   | -            | - | 287          | - | 64           |  |
| 0010              | 60SB+87   | -  | 65SB+25   | MARLEY ST, SB          | -        |  | 60        | - | -            | -   | -            | - | 220          | - | 47           |  |
| <b>STAGE 3</b>    |           |    |           |                        |          |  |           |   |              |     |              |   |              |   |              |  |
| 0010              | 65NB+25   | -  | 66NB+00   | MARLEY ST, NB          | -        |  | 17        | - | -            | -   | -            | - | 29           | - | 22           |  |
| 0010              | 798M+25   | -  | 799M+68   | MILLWOOD CT            | -        |  | 33        | - | -            | -   | -            | - | 59           | - | 46           |  |
| 0010              | 597EGE+65 | -  | 598EB+43  | EVERGREEN AVE, EB & WB | -        |  | 23        | - | -            | -   | -            | - | 54           | - | 36           |  |
| 0010              | 600EGE+12 | -  | 623EGE+32 | EVERGREEN AVE, EB      | -        |  | 337       | - | -            | -   | -            | - | 828          | - | 552          |  |
| 0010              | 600EGW+07 | -  | 623EGW+41 | EVERGREEN AVE, WB      | -        |  | 333       | - | -            | -   | -            | - | 821          | - | 547          |  |
| 0010              | 623EGE+32 | -  | 634EGE+74 | EVERGREEN AVE, EB      | -        |  | 184       | - | -            | -   | -            | - | 455          | - | 304          |  |
| 0010              | 623EGW+41 | -  | 634EGW+75 | EVERGREEN AVE, WB      | -        |  | 192       | - | -            | -   | -            | - | 474          | - | 316          |  |
| 0010              | 634EGE+74 | -  | 642EGE+50 | EVERGREEN AVE, EB & WB | -        |  | 993       | - | -            | -   | -            | - | 596          | - | 398          |  |
| 0010              | 700CT+15  | -  | 709CT+08  | CONNECTION RD          | -        |  | 262       | - | -            | -   | -            | - | 483          | - | 376          |  |
| STAGE 2 SUBTOTALS |           |    |           |                        | 2,540    |  | 2,016     |   | 0            |     | 0            |   | 4,795        |   | 2,890        |  |
| <b>STAGE 4</b>    |           |    |           |                        |          |  |           |   |              |     |              |   |              |   |              |  |
| 0010              | 27NB+00   | -  | 31NB+58   | CTH VV, NB             | -        |  | 67        | - | -            | -   | -            | - | 193          | - | 124          |  |
| 0010              | 27SB+00   | -  | 31SB+58   | CTH VV, SB             | -        |  | 64        | - | -            | -   | -            | - | 184          | - | 118          |  |
| 0010              | 10CA+00   | -  | 13CA+64   | CTH VV-CTH TS RAB      | -        |  | 91        | - | -            | -   | -            | - | 261          | - | 187          |  |
| 0010              | 33NB+26   | -  | 41NB+29   | CTH VV, NB             | -        |  | 108       | - | -            | -   | -            | - | 312          | - | 200          |  |
| 0010              | 33NB+26   | -  | 41NB+25   | CTH VV, SB             | -        |  | 104       | - | -            | -   | -            | - | 299          | - | 192          |  |
| <b>STAGE 5</b>    |           |    |           |                        |          |  |           |   |              |     |              |   |              |   |              |  |
| 0010              | 50NB+86   | -  | 58NB+25   | MARLEY ST, NB          | -        |  | 199       | - | -            | -   | -            | - | 368          | - | 144          |  |
| 0010              | 50SB+84   | -  | 58SB+25   | MARLEY ST, SB          | -        |  | 195       | - | -            | -   | -            | - | 361          | - | 140          |  |
| 0010              | 100CE+12  | -  | 119CE+76  | CTH TS, EB             | -        |  | 268       | - | -            | -   | -            | - | 660          | - | 440          |  |
| 0010              | 100CW+07  | -  | 119CW+76  | CTH TS, WB             | -        |  | 259       | - | -            | -   | -            | - | 637          | - | 425          |  |
| 0010              | 206RA+50  | -  | 215RA+19  | RAMP A, LT & RT        | -        |  | 54        | - | 100          | 78  | -            | - | -            | - | -            |  |
| <b>STAGE 6</b>    |           |    |           |                        |          |  |           |   |              |     |              |   |              |   |              |  |
| 0010              | 300RB+78  | -  | 310RB+00  | RAMP B, LT & RT        | -        |  | 57        | - | 106          | 82  | -            | - | -            | - | -            |  |
| 0010              | 401RC+36  | -  | 409RC+00  | RAMP C, LT & RT        | -        |  | 48        | - | 88           | 68  | -            | - | -            | - | -            |  |
| 0010              | 514RD+50  | -  | 525RD+00  | RAMP D, LT & RT        | -        |  | 65        | - | 121          | 94  | -            | - | -            | - | -            |  |
| 0010              | 541EB+20  | -  | 543EB+75  | STH 29, EB, RT         | -        |  | 12        | - | 27           | 22  | -            | - | -            | - | -            |  |
| 0010              | 540EB+75  | -  | 544EB+05  | STH 29, EB, LT         | -        |  | 8         | - | 17           | 14  | -            | - | -            | - | -            |  |
| <b>STAGE 7</b>    |           |    |           |                        |          |  |           |   |              |     |              |   |              |   |              |  |
| 0010              | 540WB+75  | -  | 547WB+65  | STH 29, WB, RT         | -        |  | 17        | - | 38           | 32  | -            | - | -            | - | -            |  |
| 0010              | 541WB+34  | -  | 542WB+50  | STH 29, WB, LT         | -        |  | 9         | - | 18           | 15  | -            | - | -            | - | -            |  |
| STAGE 4 SUBTOTALS |           |    |           |                        | 0        |  | 1,625     |   | 515          | 405 |              |   | 3,275        |   | 1,970        |  |

Addendum No. 03  
ID 9200-10-71  
Revised Sheet 514  
September 8, 2020

## HMA PAVEMENT (CONTINUED)

| CATEGORY                                                                                                                                                     | STATION  | TO | STATION  | LOCATION        | TON        | GAL   | TON   | TON   | TON   | TON | TON   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----|----------|-----------------|------------|-------|-------|-------|-------|-----|-------|
| 450.4000 HMA COLD WEATHER PAVING TACK COAT 3 LT 58-28 S 4 LT 58-28 S 460.5223 HMA PAVEMENT 460.5224 HMA PAVEMENT 460.6223 HMA PAVEMENT 460.6424 HMA PAVEMENT |          |    |          |                 |            |       |       |       |       |     |       |
| STAGE 5                                                                                                                                                      |          |    |          |                 |            |       |       |       |       |     |       |
| 0010                                                                                                                                                         | 63NB+65  | -  | 65NB+25  | MARLEY ST, NB   | -          | 27    | -     | -     | -     | -   | 39    |
| 0010                                                                                                                                                         | 63SB+35  | -  | 65SB+25  | MARLEY ST, SB   | -          | 23    | -     | -     | -     | -   | 32    |
| 0010                                                                                                                                                         | 524EB+19 | -  | 206RA+50 | RAMP A          | -          | 65    | -     | -     | -     | -   | 107   |
| 0010                                                                                                                                                         | 524EB+19 | -  | 525EB+45 | RAMP A, LT & RT | -          | 49    | 110   | 90    | -     | -   | -     |
| 0010                                                                                                                                                         | 204RA+76 | -  | 206RA+50 | RAMP A, LT & RT | -          | 11    | 20    | 15    | -     | -   | -     |
| 0010                                                                                                                                                         | 310RB+00 | -  | 566EB+61 | RAMP B          | -          | 140   | -     | -     | -     | -   | 230   |
| 0010                                                                                                                                                         | 310RB+00 | -  | 312RB+25 | RAMP B, LT & RT | -          | 14    | 26    | 20    | -     | -   | -     |
| 0010                                                                                                                                                         | 554EB+10 | -  | 566EB+61 | RAMP B, LT & RT | -          | 72    | 162   | 132   | -     | -   | -     |
| 0010                                                                                                                                                         | 516WB+04 | -  | 514RD+50 | RAMP D          | -          | 138   | -     | -     | 310   | -   | 252   |
| 0010                                                                                                                                                         | 516WB+04 | -  | 528WB+63 | RAMP D, LT & RT | -          | 73    | 164   | 134   | -     | -   | -     |
| 0010                                                                                                                                                         | 512RD+59 | -  | 514RD+50 | RAMP D, LT & RT | -          | 13    | 23    | 19    | -     | -   | -     |
| STAGE 5 SUBTOTALS                                                                                                                                            |          |    |          |                 |            |       |       |       |       |     |       |
|                                                                                                                                                              |          |    |          |                 | 0          | 625   | 505   | 410   | 310   | -   | 660   |
| STAGE 6                                                                                                                                                      |          |    |          |                 |            |       |       |       |       |     |       |
| 0010                                                                                                                                                         | 409RC+00 | -  | 558WB+93 | RAMP C          | -          | 75    | -     | -     | 170   | -   | 140   |
| 0010                                                                                                                                                         | 409RC+00 | -  | 411RC+59 | RAMP C, LT & RT | -          | 16    | 30    | 23    | -     | -   | -     |
| 0010                                                                                                                                                         | 554WB+16 | -  | 567WB+22 | RAMP C, LT & RT | -          | 97    | 220   | 180   | -     | -   | -     |
| 0010                                                                                                                                                         | 479EB+68 | -  | 489EB+14 | STH 29, EB, LT  | -          | 24    | 54    | 44    | -     | -   | -     |
| 0010                                                                                                                                                         | 479EB+68 | -  | 489EB+14 | STH 29, EB, RT  | -          | 49    | 110   | 90    | -     | -   | -     |
| 0010                                                                                                                                                         | 484WB+67 | -  | 492WB+38 | STH 29, WB, LT  | -          | 36    | 82    | 67    | -     | -   | -     |
| 0010                                                                                                                                                         | 484WB+67 | -  | 494WB+86 | STH 29, WB, RT  | -          | 24    | 54    | 44    | -     | -   | -     |
| 0010                                                                                                                                                         | 552EB+30 | -  | 563EB+05 | STH 29, EB, LT  | -          | 25    | 57    | 46    | -     | -   | -     |
| 0010                                                                                                                                                         | 556WB+00 | -  | 566WB+11 | STH 29, WB, LT  | -          | 23    | 52    | 43    | -     | -   | -     |
| 0010                                                                                                                                                         | 558WB+93 | -  | 567WB+22 | STH 29, WB, RT  | -          | 51    | 95    | 95    | -     | -   | -     |
| STAGE 6 SUBTOTALS                                                                                                                                            |          |    |          |                 |            |       |       |       |       |     |       |
| 0010                                                                                                                                                         | 100OH+00 | -  | 113OH+50 | OLD HWY 29      | -          | 315   | 776   | 518   | -     | -   | -     |
|                                                                                                                                                              |          |    |          |                 | 0          | 735   | 1,530 | 1,150 | 170   | -   | 140   |
|                                                                                                                                                              |          |    |          |                 | 2,540      | 5,001 | 2,550 | 1,965 | 8,550 | -   | 5,660 |
|                                                                                                                                                              |          |    |          |                 | TOTAL 0010 |       |       |       |       |     |       |



Addendum No. 03  
ID 9200-10-71  
Revised Sheet 515  
September 8, 2020

## ASPHALTIC SHOULDER RUMBLE STRIPS

| CATEGORY         | STATION  | TO | STATION  | LOCATION       | LF         |
|------------------|----------|----|----------|----------------|------------|
| STAGE 4          |          |    |          |                |            |
| 0010             | 541EB+20 | -  | 544EB+05 | STH 29, EB, LT | 285        |
| 0010             | 541EB+20 | -  | 543EB+75 | STH 29, EB, RT | 255        |
| 0010             | 541WB+34 | -  | 542WB+50 | STH 29, WB, LT | 120        |
| 0010             | 541WB+34 | -  | 547WB+65 | STH 29, WB, RT | 635        |
| STAGE 4 SUBTOTAL |          |    |          |                |            |
| 1,295            |          |    |          |                |            |
| STAGE 5          |          |    |          |                |            |
| 0010             | 516WB+04 | -  | 525WB+63 | STH 29, WB, LT | 960        |
| 0010             | 557EB+04 | -  | 566EB+61 | STH 29, EB, RT | 960        |
| STAGE 5 SUBTOTAL |          |    |          |                |            |
| 1,920            |          |    |          |                |            |
| STAGE 6          |          |    |          |                |            |
| 0010             | 479EB+68 | -  | 489EB+13 | STH 29, EB, LT | 945        |
| 0010             | 481EB+35 | -  | 489EB+85 | STH 29, EB, RT | 850        |
| 0010             | 485WB+16 | -  | 490WB+88 | STH 29, WB, LT | 575        |
| 0010             | 484WB+67 | -  | 494WB+40 | STH 29, WB, RT | 975        |
| 0010             | 552EB+30 | -  | 563EB+04 | STH 29, EB, LT | 1,075      |
| 0010             | 556WB+00 | -  | 566WB+11 | STH 29, WB, RT | 1,010      |
| 0010             | 559WB+93 | -  | 567WB+22 | STH 29, WB, LT | 730        |
| 0010             | 572EB+69 | -  | 578EB+72 | STH 29, EB, LT | 605        |
| 0010             | 576WB+50 | -  | 579WB+54 | STH 29, WB, LT | 305        |
| 0010             | 576WB+50 | -  | 579WB+05 | STH 29, WB, RT | 255        |
| STAGE 6 SUBTOTAL |          |    |          |                |            |
| 7,325            |          |    |          |                |            |
|                  |          |    |          |                | TOTAL 0010 |
|                  |          |    |          |                | 10,540     |

ROUNDABOUT CARE CYCLES, SOIL MIXTURE, AND MULCH

| CATEGORY | LOCATION             | EACH | LANDSCAPE PLANTING<br>SURVEILLANCE AND<br>CARE CYCLES | 632.91.01 | SPV.0095.01              | *     | SPV.0180.01 |
|----------|----------------------|------|-------------------------------------------------------|-----------|--------------------------|-------|-------------|
|          |                      |      |                                                       |           | PLANTING SOIL<br>MIXTURE | MULCH | HARDWOOD    |
|          |                      |      |                                                       |           | CY                       | SY    |             |
| 0010     | CTH VV CTH TS RAB    | -    |                                                       |           | 250                      | 370   |             |
| 0010     | CTH VV-RAMP AB RAB   | -    |                                                       |           | 235                      | 350   |             |
| 0010     | MARLEY-RAMP CD RAB   | -    |                                                       |           | 235                      | 350   |             |
| 0010     | MARLEY-VEERGREEN RAB | -    |                                                       |           | 250                      | 370   |             |
|          | UNDISTRIBUTED        | 12   |                                                       |           | -                        | -     | -           |

| CATEGORY | LOCATION       | CY    |
|----------|----------------|-------|
| 0010     | CHTTS POND     | 1,375 |
| 0010     | CHT W POND     | 1,710 |
| 0010     | EVERGREEN POND | 4,335 |

[illegible]

| CATEGORY | STAGE | SYSTEM DAY    | REMARKS     |                                              |                                                |
|----------|-------|---------------|-------------|----------------------------------------------|------------------------------------------------|
| ✓        | 0010  | STAGE 3A EB   | 4           | CONCRETE BARRIER SETUP                       |                                                |
|          | 0010  | STAGE 3A WB   | 4           | CONCRETE BARRIER SETUP                       |                                                |
|          | 0010  | STAGE 3B EB   | 4           | SETTING BEAMS & INSTALLING FALSEWORK         |                                                |
|          | 0010  | STAGE 3B WB   | 4           | SETTING BEAMS & INSTALLING FALSEWORK         |                                                |
| ✓        | 0010  | STAGE 4A EB   | 4           | REMOVING CONCRETE BARRIER & FIXING SHOULDER  |                                                |
|          | ✓     | 0010          | STAGE 4A WB | 4                                            | REMOVING CONCRETE BARRIER & REPLACING SHOULDER |
|          |       | 0010          | STAGE 5A EB | 15                                           | RAMP CONSTRUCTION                              |
|          |       | 0010          | STAGE 5A WB | 22                                           | RAMP CONSTRUCTION                              |
| ✓        | 0010  | STAGE 5B EB   | 12          | RAMP CONSTRUCTION                            |                                                |
|          | 0010  | STAGE 6 A WB  | 12          | RAMP CONSTRUCTION & NORTH SIDE R/CUT REMOVAL |                                                |
|          | ✓     | 0010          | STAGE 6B EB | 36                                           | CTH U/CTH VV MEDIAN REMOVAL                    |
|          |       | 0010          | STAGE 6B WB | 36                                           | CTH U SOUTH & CTH U/CTH VV MEDIAN REMOVAL      |
| 0010     |       | STAGE 6C WB   | 2           | CTH U NORTH INTERSECTION REMOVAL             |                                                |
| ✓        | 0010  | UNDISTRIBUTED | 16          |                                              |                                                |

## SHEET 546



## Proposal Schedule of Items

Page 4 of 25

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                         | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-------------------------------------------------------------|--------------------------------|------------|------------|
| 0094                 | 455.0605<br>Tack Coat                                       | 5,060.000<br>GAL               | _____.     | _____.     |
| 0096                 | 460.2000<br>Incentive Density HMA Pavement                  | 12,120.000<br>DOL              | 1.00000    | 12,120.00  |
| 0098                 | 460.5223<br>HMA Pavement 3 LT 58-28 S                       | 2,550.000<br>TON               | _____.     | _____.     |
| 0100                 | 460.5224<br>HMA Pavement 4 LT 58-28 S                       | 1,965.000<br>TON               | _____.     | _____.     |
| 0102                 | 460.6223<br>HMA Pavement 3 MT 58-28 S                       | 8,550.000<br>TON               | _____.     | _____.     |
| 0104                 | 460.6424<br>HMA Pavement 4 MT 58-28 H                       | 5,660.000<br>TON               | _____.     | _____.     |
| 0106                 | 465.0105<br>Asphaltic Surface                               | 15.000<br>TON                  | _____.     | _____.     |
| 0108                 | 465.0120<br>Asphaltic Surface Driveways and Field Entrances | 345.000<br>TON                 | _____.     | _____.     |
| 0110                 | 465.0125<br>Asphaltic Surface Temporary                     | 200.000<br>TON                 | _____.     | _____.     |
| 0112                 | 465.0315<br>Asphaltic Flumes                                | 60.000<br>SY                   | _____.     | _____.     |
| 0114                 | 465.0400<br>Asphaltic Shoulder Rumble Strips                | 10,540.000<br>LF               | _____.     | _____.     |
| 0116                 | 502.0100<br>Concrete Masonry Bridges                        | 1,164.000<br>CY                | _____.     | _____.     |
| 0118                 | 502.3200<br>Protective Surface Treatment                    | 1,843.000<br>SY                | _____.     | _____.     |
| 0120                 | 502.3210<br>Pigmented Surface Sealer                        | 217.000<br>SY                  | _____.     | _____.     |
| 0122                 | 503.0146<br>Prestressed Girder Type I 45W-Inch              | 1,969.000<br>LF                | _____.     | _____.     |
| 0124                 | 505.0400<br>Bar Steel Reinforcement HS Structures           | 11,420.000<br>LB               | _____.     | _____.     |



## Proposal Schedule of Items

Page 15 of 25

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                 | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-----------------------------------------------------|--------------------------------|------------|------------|
| 0422                 | 634.0812<br>Posts Tubular Steel 2x2-Inch X 12-FT    | 4.000<br>EACH                  | _____.     | _____.     |
| 0424                 | 635.0200<br>Sign Supports Structural Steel HS       | 9,555.000<br>LB                | _____.     | _____.     |
| 0426                 | 636.0100<br>Sign Supports Concrete Masonry          | 14.000<br>CY                   | _____.     | _____.     |
| 0428                 | 636.0500<br>Sign Supports Steel Reinforcement       | 826.000<br>LB                  | _____.     | _____.     |
| 0430                 | 637.1220<br>Signs Type I Reflective SH              | 2,312.500<br>SF                | _____.     | _____.     |
| 0432                 | 637.2210<br>Signs Type II Reflective H              | 1,477.820<br>SF                | _____.     | _____.     |
| 0434                 | 637.2220<br>Signs Type II Reflective SH             | 20.250<br>SF                   | _____.     | _____.     |
| 0436                 | 637.2230<br>Signs Type II Reflective F              | 323.170<br>SF                  | _____.     | _____.     |
| 0438                 | 638.2601<br>Removing Signs Type I                   | 8.000<br>EACH                  | _____.     | _____.     |
| 0440                 | 638.2602<br>Removing Signs Type II                  | 128.000<br>EACH                | _____.     | _____.     |
| 0442                 | 638.3000<br>Removing Small Sign Supports            | 171.000<br>EACH                | _____.     | _____.     |
| 0444                 | 638.3100<br>Removing Structural Steel Sign Supports | 6.000<br>EACH                  | _____.     | _____.     |
| 0446                 | 640.1303.S<br>Pond Liner Clay                       | 7,420.000<br>CY                | _____.     | _____.     |
| 0448                 | 642.5401<br>Field Office Type D                     | 1.000<br>EACH                  | _____.     | _____.     |
| 0450                 | 643.0300<br>Traffic Control Drums                   | 59,000.000<br>DAY              | _____.     | _____.     |
| 0452                 | 643.0420<br>Traffic Control Barricades Type III     | 16,950.000<br>DAY              | _____.     | _____.     |
| 0454                 | 643.0705<br>Traffic Control Warning Lights Type A   | 24,445.000<br>DAY              | _____.     | _____.     |





## Proposal Schedule of Items

Page 16 of 25

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                             | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-----------------------------------------------------------------|--------------------------------|------------|------------|
| 0456                 | 643.0715<br>Traffic Control Warning Lights Type C               | 10,920.000<br>DAY              | _____.     | _____.     |
| 0458                 | 643.0800<br>Traffic Control Arrow Boards                        | 1,365.000<br>DAY               | _____.     | _____.     |
| 0460                 | 643.0900<br>Traffic Control Signs                               | 62,300.000<br>DAY              | _____.     | _____.     |
| 0462                 | 643.1000<br>Traffic Control Signs Fixed Message                 | 126.000<br>SF                  | _____.     | _____.     |
| 0464                 | 643.1050<br>Traffic Control Signs PCMS                          | 160.000<br>DAY                 | _____.     | _____.     |
| 0466                 | 643.5000<br>Traffic Control                                     | 1.000<br>EACH                  | _____.     | _____.     |
| 0468                 | 645.0111<br>Geotextile Type DF Schedule A                       | 2,794.000<br>SY                | _____.     | _____.     |
| 0470                 | 645.0120<br>Geotextile Type HR                                  | 2,320.000<br>SY                | _____.     | _____.     |
| 0472                 | 645.0140<br>Geotextile Type SAS                                 | 88,410.000<br>SY               | _____.     | _____.     |
| 0474                 | 646.1020<br>Marking Line Epoxy 4-Inch                           | 53,675.000<br>LF               | _____.     | _____.     |
| 0476                 | 646.1555<br>Marking Line Grooved Contrast Permanent Tape 4-Inch | 100.000<br>LF                  | _____.     | _____.     |
| 0478                 | 646.3020<br>Marking Line Epoxy 8-Inch                           | 540.000<br>LF                  | _____.     | _____.     |
| 0480                 | 646.3555<br>Marking Line Grooved Contrast Permanent Tape 8-Inch | 3,380.000<br>LF                | _____.     | _____.     |
| 0482                 | 646.5020<br>Marking Arrow Epoxy                                 | 8.000<br>EACH                  | _____.     | _____.     |
| 0484                 | 646.6120<br>Marking Stop Line Epoxy 18-Inch                     | 15.000<br>LF                   | _____.     | _____.     |
| 0486                 | 646.6464<br>Cold Weather Marking Epoxy 4-Inch                   | 10,940.000<br>LF               | _____.     | _____.     |



## Proposal Schedule of Items

Page 24 of 25

Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                                         | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|-----------------------------------------------------------------------------|--------------------------------|------------|------------|
| 0698                 | SPV.0090<br>Special 06. Marking Line Yield Line 18-Inch                     | 230.000<br>LF                  | _____.     | _____.     |
| 0700                 | SPV.0090<br>Special 20. HDPE Conduit 1.25-Inch and 2-Inch Directional Bored | 53,873.000<br>LF               | _____.     | _____.     |
| 0702                 | SPV.0090<br>Special 21. HDPE Conduit 1.25-Inch and 2-Inch Vibratory Plowed  | 11,231.000<br>LF               | _____.     | _____.     |
| 0704                 | SPV.0090<br>Special 22. 432 Strand Fiber Optic Cable                        | 47,695.000<br>LF               | _____.     | _____.     |
| 0706                 | SPV.0090<br>Special 23. 216 Strand Fiber Optic Cable                        | 22,909.000<br>LF               | _____.     | _____.     |
| 0708                 | SPV.0105<br>Special 01. Remove RCUT Lighting Equipment                      | LS                             | LUMP SUM   | _____.     |
| 0710                 | SPV.0105<br>Special 02. Grading and Shaping Temporary Connection Road       | LS                             | LUMP SUM   | _____.     |
| 0712                 | SPV.0105<br>Special 20. Traffic Control Project 9200-10-72                  | LS                             | LUMP SUM   | _____.     |
| 0714                 | SPV.0105<br>Special 21. Construction Staking Broadband Fiber                | LS                             | LUMP SUM   | _____.     |
| 0716                 | SPV.0180<br>Special 01. Hardwood Mulch                                      | 1,440.000<br>SY                | _____.     | _____.     |
| 0718                 | SPV.0180<br>Special 02. Concrete Base SHES 9-Inch                           | 5,960.000<br>SY                | _____.     | _____.     |
| 0720                 | SPV.0180<br>Special 03. Colored and Stamped Concrete 4-Inch                 | 2,090.000<br>SY                | _____.     | _____.     |
| 0722                 | 643.1205.S<br>Basic Traffic Queue Warning System                            | 175.000<br>DAY                 | _____.     | _____.     |
| 0724                 | SPV.0035<br>Special 03. Topsoil Stockpile                                   | 5,000.000<br>CY                | _____.     | _____.     |
| Section: 0001        |                                                                             |                                | Total:     | _____.     |



## Wisconsin Department of Transportation

September 10, 2020

### Division of Transportation Systems Development

Bureau of Project Development  
4822 Madison Yards Way, 4<sup>th</sup> Floor South  
Madison, WI 53705

### NOTICE TO ALL CONTRACTORS:

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

**Proposal #11: 9200-10-71, WISC 2019 634**  
**Shawano – Green Bay**  
**CTH VV Interchange**  
**STH 29**  
**Brown County**

**9200-10-72, WISC 2019 634**  
**Shawano – Green Bay**  
**CTH VV Interchange**  
**STH 29**  
**Brown County**

### Letting of September 15, 2020

This is Addendum No. 04, which provides for the following:

#### Schedule of Items:

| Revised Bid Item Quantities |                  |      |              |                  |                |
|-----------------------------|------------------|------|--------------|------------------|----------------|
| Bid Item                    | Item Description | Unit | Old Quantity | Revised Quantity | Proposal Total |
| 201.0105                    | Clearing         | STA  | 55           | -13              | 42             |
| 201.0120                    | Clearing         | ID   | 200          | -56              | 144            |
| 201.0205                    | Grubbing         | STA  | 55           | -13              | 42             |
| 201.0220                    | Grubbing         | ID   | 200          | -56              | 144            |

#### Plan Sheets:

| Revised Plan Sheets |                                                              |
|---------------------|--------------------------------------------------------------|
| Plan Sheet          | Plan Sheet Title (brief description of changes to sheet)     |
| 505                 | Miscellaneous Quantities (Updated Quantities and Locations). |

#### **Schedule of Items**

Attached, dated September 10, 2020, are the revised Schedule of Items Page 1.

#### **Plan Sheets**

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:  
Revised: 505.

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

END OF ADDENDUM

## CLEARING AND GRUBBING

| CATEGORY          | STATION   | TO | STATION   | LOCATION                  | 201.0105<br>CLEARING<br>STA | 201.0120<br>CLEARING<br>ID | 201.0205<br>GRUBBING<br>STA | 201.0220<br>GRUBBING<br>ID |
|-------------------|-----------|----|-----------|---------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|
| <b>STAGE 1</b>    |           |    |           |                           |                             |                            |                             |                            |
| 0010              | 203RA+19  | -  | 204RA+36  | RAMP A                    | 2                           | -                          | 2                           | -                          |
| 0010              | 207RA+38  | -  | 208RA+45  | RAMP A, LT                | -                           | 12                         | -                           | 12                         |
| 0010              | 303RB+80  | -  | 312RB+65  | RAMP B                    | 10                          | -                          | 10                          | -                          |
| 0010              | 402RC+69  | -  | 403RC+70  | RAMP C, RT                | -                           | 24                         | -                           | 24                         |
| 0010              | 518RD+17  | -  | 519RD+18  | RAMP D, RT                | -                           | 12                         | -                           | 12                         |
| 0010              | 518RD+18  | -  | 519RD+19  | RAMP D, RT                | -                           | 12                         | -                           | 12                         |
| 0010              | 630EGE+61 | -  | 631EGE+96 | EVERGREEN AVE, EB         | 2                           | -                          | 2                           | -                          |
| 0010              | 631EGW+34 | -  | 631EGW+71 | EVERGREEN AVE, WB         | 1                           | -                          | 1                           | -                          |
| 0010              | 637EGW+06 | -  | 637EGW+54 | EVERGREEN AVE, WB         | 1                           | -                          | 1                           | -                          |
| 0010              | 96PEG+20  | -  | 96PEG+85  | POND - EVERGREEN          | 1                           | -                          | 1                           | -                          |
| STAGE 1 SUBTOTALS |           |    |           |                           | 17                          | 60                         | 17                          | 60                         |
| <b>STAGE 2</b>    |           |    |           |                           |                             |                            |                             |                            |
| 0010              | 535B+73   | -  | 595B+07   | MARLEY ST, SB             | 7                           | -                          | 7                           | -                          |
| 0010              | 54NB+42   | -  | 56NB+59   | MARLEY ST, NB             | 3                           | -                          | 3                           | -                          |
| 0010              | 605B+79   | -  | 615B+61   | MARLEY ST, SB             | 2                           | -                          | 2                           | -                          |
| 0010              | 61NB+54   | -  | 66NB+00   | MARLEY ST, NB             | 5                           | -                          | 5                           | -                          |
| 0010              | 645B+26   | -  | 645B+26   | MARLEY ST, SB, LT         | -                           | 12                         | -                           | 12                         |
| 0010              | 655B+34   | -  | 655B+34   | MARLEY ST, SB, LT         | -                           | 18                         | -                           | 18                         |
| 0010              | 597EGE+50 | -  | 598EGE+51 | EVERGREEN AVE, EB         | 2                           | -                          | 2                           | -                          |
| 0010              | 41CD+53   | -  | 42CD+35   | MARLEY ST - EVERGREEN RAB | 2                           | -                          | 2                           | -                          |
| STAGE 2 SUBTOTALS |           |    |           |                           | 21                          | 30                         | 21                          | 30                         |
| <b>STAGE 4</b>    |           |    |           |                           |                             |                            |                             |                            |
| 0010              | 295B+00   | -  | 305B+32   | CTH W, SB                 | 2                           | -                          | 2                           | -                          |
| 0010              | 29NB+08   | -  | 29NB+08   | CTH W, NB, RT             | -                           | 18                         | -                           | 18                         |
| 0010              | 29NB+34   | -  | 29NB+34   | CTH W, NB, RT             | -                           | 24                         | -                           | 24                         |
| STAGE 4 SUBTOTALS |           |    |           |                           | 2                           | 42                         | 2                           | 42                         |
| <b>STAGE 5</b>    |           |    |           |                           |                             |                            |                             |                            |
| 0010              | 526EB+35  | -  | 526EB+35  | STH 29, EB, RT            | -                           | 6                          | -                           | 6                          |
| 0010              | 526EB+38  | -  | 526EB+38  | STH 29, EB, RT            | -                           | 6                          | -                           | 6                          |
| STAGE 5 SUBTOTALS |           |    |           |                           | 0                           | 12                         | 0                           | 12                         |
| <b>STAGE 6</b>    |           |    |           |                           |                             |                            |                             |                            |
| 0010              | 105OH+00  | -  | 110OH+00  | OLD HWY 29                | 2                           | -                          | 2                           | -                          |
| STAGE 6 SUBTOTALS |           |    |           |                           | 2                           | 0                          | 2                           | 0                          |
| TOTAL 0010        |           |    |           |                           | 42                          | 144                        | 42                          | 144                        |

## REMOVING PAVEMENT

| CATEGORY                          | STATION  | TO | STATION  | LOCATION          | 204.0100<br>REMOVING<br>PAVEMENT<br>SY | REMARKS                                     |
|-----------------------------------|----------|----|----------|-------------------|----------------------------------------|---------------------------------------------|
| <b>STAGE 2</b>                    |          |    |          |                   |                                        |                                             |
| 0010                              | 798M+87  | -  | 798M+87  | MILLWOOD CT, RT   | 30                                     |                                             |
| STAGE 2 SUBTOTALS                 |          |    |          |                   | 30                                     |                                             |
| <b>STAGE 5</b>                    |          |    |          |                   |                                        |                                             |
| 0010                              | 524EB+19 | -  | 529EB+70 | STH 29, EB, RT    | 500                                    | UNDER EXISTING ASPHALTIC PAVEMENT           |
| 0010                              | 554EB+09 | -  | 566EB+61 | STH 29, EB, LT    | 1,335                                  | UNDER EXISTING ASPHALTIC PAVEMENT           |
| STAGE 5 SUBTOTALS                 |          |    |          |                   | 1,835                                  |                                             |
| <b>STAGE 6</b>                    |          |    |          |                   |                                        |                                             |
| 0010                              | 560WB+40 | -  | 567WB+22 | STH 29, WB, LT    | 1,500                                  | UNDER EXISTING ASPHALTIC PAVEMENT           |
| 0010                              | 482EB+16 | -  | 489EB+74 | STH 29, EB, RT    | 700                                    | UNDER EXISTING ASPHALTIC PAVEMENT           |
| 0010                              | 484WB+74 | -  | 492WB+38 | STH 29, WB, LT    | 720                                    | UNDER EXISTING ASPHALTIC PAVEMENT           |
| 0010                              | 112OH+25 | -  | 113OH+50 | OLD HWY 29        | 335                                    | UNDER EXISTING ASPHALTIC PAVEMENT           |
| STAGE 6 SUBTOTALS                 |          |    |          |                   | 3,255                                  |                                             |
| TOTAL 0010                        |          |    |          |                   | 5,120                                  |                                             |
| <b>REMOVING CURB &amp; GUTTER</b> |          |    |          |                   |                                        |                                             |
| CATEGORY                          | STATION  | TO | STATION  | LOCATION          | 204.0130<br>REMOVING<br>CURB<br>LF     | 204.0150<br>REMOVING<br>CURB & GUTTER<br>LF |
| <b>STAGE 2</b>                    |          |    |          |                   |                                        |                                             |
| 0010                              | 706CT+31 | -  | 706CT+31 | CONNECTION RD, LT | -                                      | 6                                           |
| 0010                              | 706CT+88 | -  | 707CT+97 | CONNECTION RD, LT | -                                      | 150                                         |
| 0010                              | 708CT+38 | -  | 708CT+38 | CONNECTION RD, LT | -                                      | 14                                          |
| STAGE 2 SUBTOTALS                 |          |    |          |                   | 0                                      | 170                                         |
| <b>STAGE 5</b>                    |          |    |          |                   |                                        |                                             |
| 0010                              | 558EB+52 | -  | 559EB+93 | STH 29, EB, RT    | -                                      | 200                                         |
| STAGE 5 SUBTOTALS                 |          |    |          |                   | 0                                      | 200                                         |
| <b>STAGE 6</b>                    |          |    |          |                   |                                        |                                             |
| 0010                              | 485EB+65 | -  | 488EB+89 | STH 29, EB, LT    | 460                                    | 1,070                                       |
| 0010                              | 485WB+83 | -  | 487WB+37 | STH 29, WB, LT    | -                                      | 275                                         |
| 0010                              | 487EB+11 | -  | 488EB+71 | STH 29, EB, RT    | -                                      | 255                                         |
| 0010                              | 557EB+14 | -  | 560EB+12 | STH 29, EB, LT    | 100                                    | 890                                         |
| 0010                              | 558WB+24 | -  | 560WB+04 | STH 29, WB, LT    | -                                      | 570                                         |
| 0010                              | 103OH+53 | -  | 104OH+77 | OLD HWY 29        | -                                      | 135                                         |
| STAGE 6 SUBTOTALS                 |          |    |          |                   | 560                                    | 3,195                                       |
| TOTAL 0010                        |          |    |          |                   | 560                                    | 3,565                                       |

Addendum No. 04  
ID 9200-10-71  
Revised Sheet 505  
September 10, 2020



## Proposal Schedule of Items

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Proposal ID: 20200915011 Project(s): 9200-10-71, 9200-10-72

Federal ID(s): WISC 2019634, WISC 2019634

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

| Proposal Line Number | Item ID Description                                | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|----------------------------------------------------|--------------------------------|------------|------------|
| 0002                 | 201.0105<br>Clearing                               | 42.000<br>STA                  | _____.     | _____.     |
| 0004                 | 201.0120<br>Clearing                               | 144.000<br>ID                  | _____.     | _____.     |
| 0006                 | 201.0205<br>Grubbing                               | 42.000<br>STA                  | _____.     | _____.     |
| 0008                 | 201.0220<br>Grubbing                               | 144.000<br>ID                  | _____.     | _____.     |
| 0010                 | 203.0100<br>Removing Small Pipe Culverts           | 29.000<br>EACH                 | _____.     | _____.     |
| 0012                 | 204.0100<br>Removing Concrete Pavement             | 5,120.000<br>SY                | _____.     | _____.     |
| 0014                 | 204.0110<br>Removing Asphaltic Surface             | 225.000<br>SY                  | _____.     | _____.     |
| 0016                 | 204.0115<br>Removing Asphaltic Surface Butt Joints | 25.000<br>SY                   | _____.     | _____.     |
| 0018                 | 204.0130<br>Removing Curb                          | 560.000<br>LF                  | _____.     | _____.     |
| 0020                 | 204.0150<br>Removing Curb & Gutter                 | 3,565.000<br>LF                | _____.     | _____.     |
| 0022                 | 204.0155<br>Removing Concrete Sidewalk             | 2,725.000<br>SY                | _____.     | _____.     |
| 0024                 | 204.0165<br>Removing Guardrail                     | 325.000<br>LF                  | _____.     | _____.     |
| 0026                 | 204.0170<br>Removing Fence                         | 495.000<br>LF                  | _____.     | _____.     |
| 0028                 | 204.0180<br>Removing Delineators and Markers       | 15.000<br>EACH                 | _____.     | _____.     |
| 0030                 | 204.0210<br>Removing Manholes                      | 2.000<br>EACH                  | _____.     | _____.     |
| 0032                 | 204.0220<br>Removing Inlets                        | 9.000<br>EACH                  | _____.     | _____.     |

