

HIGHWAY WORK PROPOSAL

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

Proposal Number: **003**

<u>COUNTY</u>	<u>STATE PROJECT</u>	<u>FEDERAL</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>
Dane	5290-00-72	WISC 2019576	USH 12 - IH 39; River Road To IH 39	STH 019

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: \$100,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Date: August 13, 2019 Time (Local Time): 9:00 am	Firm Name, Address, City, State, Zip Code
Contract Completion Time November 01, 2020	SAMPLE NOT FOR BIDDING PURPOSES
Assigned Disadvantaged Business Enterprise Goal 12%	This contract is exempt from federal oversight.

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

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

Subscribed and sworn to before me this date _____

(Signature, Notary Public, State of Wisconsin)

(Bidder Signature)

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

(Print or Type Bidder Name)

(Date Commission Expires)

(Bidder Title)

Notary Seal

Type of Work: Common Excavation, Marsh Excavation, Base, Concrete Pavement, HMA Pavement, Curb and Gutter, Sidewalk, Beam Guard, Pavement Marking, Signs, Storm Sewer, Traffic Signals, Street lighting, Bridge Replacement	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 web site or by contacting:

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

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

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

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

B Submitting Electronic Bids

B.1 On the Internet

- (1) Do the following before submitting the bid:
 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 5290-00-72, USH 12-IH 39, River Road to IH 39, STH 19, Dane County, Wisconsin as the plans show and execute the work as specified in the State of Wisconsin, Department of Transportation, Standard Specifications for Highway and Structure Construction, 2019 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 (20181119)

2. Scope of Work.

The work under this contract shall consist of grading, base aggregate dense, concrete pavement, asphaltic surface, Structure B-13-794, Structure B-13-795, pipe culverts, storm sewer, detention basin, curb and gutter, concrete sidewalk, guardrail, traffic signals, lighting, signing, pavement marking 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 Notice to Proceed will be issued no later than October 1, 2019.

The contractor is advised that there will be multiple mobilizations for many contract items due to the staging. The department will make no additional payment for these multiple mobilizations.

Provide the Erosion Control Implementation Plan (ECIP) 14 days prior to the Preconstruction Conference.

Prior to the preconstruction conference, submit to the engineer a satisfactory linear progress schedule that shows the proposed sequence of work and the plan for completing the various items of work according to these special provisions.

Place roadway signing, temporary pavement marking, and devices for traffic control as detailed in the plan, and in conformance to the Wisconsin Manual on Uniform Traffic Control Devices (WMUTCD), latest edition. For each traffic staging switch, adjust signs, pavement marking, and devices for traffic control completely before the end of operations on that day.

Eliminate drop-offs of 2-inches or more within 10-feet or less from the edge of the STH 19 traveled way before the end of operations on that day. Compacted material placed to a temporary 3:1 or flatter slope from the surface of the pavement edge is acceptable.

Prior to any traffic control being placed, provide the engineer, the Wisconsin State Patrol, the Dane County Sheriff's Department, and the Village of De Forest Police Department with the name and number of a local person responsible for the emergency maintenance of traffic control.

Provide notice at least 48 hours in advance of all switchovers of traffic lanes, full closures of roadways, closure of traffic lanes or turning movements, to the Wisconsin State Patrol, the Dane County Sheriff's Department, the Village of De Forest Police Department, and the De Forest Windsor Fire & EMS

Department. Notifications must be given by 4:00 PM on Thursday for any such work to be done the following Monday.

Schedule of operations shall conform to the construction staging concept and schedule provided in the plan, unless the engineer approves modifications in writing. The substages listed below are shown in the plan. Major items of work associated with each substage are identified.

Within one week (seven days) of opening the River Road roundabout to circulatory traffic under Substage 2B-RAB, bring light number 3 into service. With the exception of light number 10, have all other proposed lights in service at the beginning of Substage 2B-RAB, when the roundabout is first open to circulatory traffic.

Substage 1A:

- Grade and pave for permanent EB STH 19 at Liuna Way-west.
- Construct underground appurtenances for traffic signals at Liuna Way-west.
- Begin grading for EB STH 19 between River Road and Liuna Way-west, and between Liuna Way-west and Liuna Way-east.
- Grade and pave for temporary pavement at the following locations: widening along the WB STH 19 shoulder; islands removed at east and north legs of River Road intersection, two-way temporary median crossovers either side of Liuna Way-west; within permanent concrete pavement at Liuna Way-west, where raised islands will later be added.
- Install 42-inch storm sewer trunkline crossing under STH 19 near Liuna Way-west.
- Begin construction of EB STH 19 bridge B-13-794.
- Begin grading for the Yahara River access.

Substage 1A-LNW1:

- Grade and pave the west portion of Liuna Way-west.
- Continue other work under Substage 1A.

Substage 1A-LNW-2:

- Grade and pave the east portion of Liuna Way-west.
- Continue other work under Substage 1A.

Substage 1B:

- Continue grading for EB STH 19 between River Road and Liuna Way-west, and between Liuna Way-west and Liuna Way-east.
- Continue construction of EB STH 19 bridge B-13-794.
- Continue grading for the Yahara River access.

Substage 1C:

- Grade and pave WB STH 19 at Tierney Crossing.
- Grade and pave Tierney Crossing.
- Grade and pave the west portion of River Road-south, including permanent pavement and temporary pavement.
- Begin construction of EB STH 19 west of River Road.
- Begin construction of River Road-north.

- Continue construction for EB STH 19 between River Road and Liuna Way-west, and between Liuna Way-west and Liuna Way-east.
- Continue construction of EB STH 19 bridge B-13-794.
- Continue construction for the Yahara River access.

Substage 1D-LNW:

- Construct raised islands along EB STH 19 at Liuna Way-west.
- Finish installation of the traffic signal at Liuna Way-west, including all poles, signal heads, and lights.
- Begin other work under Substage 1D.

Substage 1D-MED:

- Construct temporary pavement along the EB side of the median between Liuna Way-east and IH 39.
- Continue other work under Substage 1D.

Substage 1D:

- Finish grading and paving for EB STH 19 west of River Road, between River Road and Liuna Way-west, and between Liuna Way-west and Liuna Way-east, including permanent pavement and temporary pavement.
- Grade and pave EB STH 19 between Liuna Way-east and IH 39, except for the inside lane immediately west of the SB IH 39 ramp terminal.
- Finish construction of EB STH 19 bridge B-13-794 and pave the approaches.
- Grade and pave the east portion of River Road-south, including permanent pavement and temporary pavement.
- Grade and pave Liuna Way-east.
- Continue construction of River Road-north.
- Continue construction of the Yahara River access.

Substage 1E:

- Immediately west of the SB IH 39 ramp terminal, grade and pave the EB STH 19 inside lane, and grade and pave a WB STH 19 temporary median crossover.
- East of Liuna way-west, remove the EB STH 19 temporary median crossover, and grade and pave a WB STH 19 temporary median crossover.
- West of Liuna way-west, remove the EB STH 19 temporary median crossover, and grade and pave a WB STH 19 temporary median crossover.
- Immediately west of the SB IH 39 ramp terminal, grade and pave the EB STH 19 inside lane, and grade and pave a WB STH 19 temporary median crossover.
- Continue construction of River Road-north.
- Continue construction of the Yahara River access.

Substage 2A:

- Grade and pave WB STH 19 from the beginning of project to just west of the Yahara River bridge, and from just east of Tierney crossing to the SB IH 39 ramp terminal.
- Remove existing WB STH 19 bridge B-13-861.

- Begin construction of WB STH 19 bridge B-13-795 and grade the approaches.
- Grade and pave Cashel Way.
- Between River Road and the Yahara River bridge, grade and pave a WB STH 19 temporary median crossover.
- Continue construction of River Road-north.
- Continue construction of the Yahara River access.

End Substage 2A:

- Grade and pave the outside WB STH 19 lane and shoulder immediately west of the SB IH 39 ramp terminal, signed for a width restriction.
- Construct the islands for River Road-south.
- Finish grading and paving for River Road-north.
- Continue other work under Substage 2A.

Substage 2B- RAB:

- Complete the roundabout central island, and the STH 19 median immediately east of the roundabout.
- Grade and pave the inside WB STH 19 lane immediately west of the SB IH 39 ramp terminal, signed for a width restriction.
- Construct EB STH 19 and WB STH 19 median curb and gutter immediately west of the SB IH 39 ramp terminal.
- For EB STH 19 west of River Road, complete permanent shoulder and curb and gutter along the outside.
- For River Road-south, complete permanent shoulder and curb and gutter along the west side.
- Install EB STH 19 overhead sign support S-13-500.
- Begin other work under Substage 2B.

Substage 2B:

- Finish construction of WB STH 19 bridge B-13-795 and pave the approaches.
- Finish construction of the Yahara River access.

Substage 2C:

- Remove temporary median crossovers east and west of the Yahara River bridge.
- Finish the STH 19 median east and west of the Yahara River bridge.
- Install WB STH 19 overhead sign support S-13-498.

Interim Completion Date and Liquidated Damages

If the contractor fails to complete the instream work on the STH 19 eastbound bridge prior to 12:01 AM February 1, 2020, the department will assess the contractor \$2,070 for damages in interim liquidated damages for each calendar day that the instream work continues after 12:01 AM February 1, 2020. 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.

Winter Suspension of Work

Prior to suspending work for the winter in 2019, the traffic control shall be in a condition similar to as shown Stage 1B in the plans or as approved by the engineer.

Fish Spawning

There shall be no instream disturbance of Yahara River as a result of construction activity under or for this contract, from March 1 to June 15 both dates inclusive, in order to avoid adverse impacts upon the developing fish eggs and substrate for aquatic organisms.

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

Migratory Birds

Swallow and other migratory birds' nests have been observed on or under the existing bridge. All active nests (when eggs or young are present) of migratory birds are protected under the federal Migratory Bird Treaty Act.

The nesting season for swallows and other birds is usually between May 1 and August 30. Either prevent active nests from becoming established or apply for a depredation permit from the US Fish and Wildlife Service for work that may disturb or destroy active nests. The need for a permit may be avoided by removing the existing bridge structure prior to nest occupation by birds or clearing nests from all structures before the nests become active in early spring. As a last resort, prevent birds from nesting by installing a suitable netting device on the remaining structure prior to nesting activity. Include the cost for preventing nesting in the cost of Removing Old Structure Over Waterway with Minimal Debris.

Northern Long-eared Bat and Big Brown Bat

Northern Long-eared Bats (NLEB) and Big Brown Bats have the potential to inhabit the project limits because they roost in trees. Roosts have not been observed on this project, but conditions to support the species exist. The species and all active roosts are protected by the Federal Endangered Species Act. If an individual bat or active roost is encountered during construction operations, stop work and notify the engineer and the WisDOT Regional Environmental Coordinator (REC).

Brian Taylor
Region Environmental Coordinator
(608) 245-2630
brianf.taylor@dot.wi.gov

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 WisDOT 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 WisDOT REC. The WisDOT REC will initiate consultation with the USFWS and determine if a survey is necessary.

4. Traffic.

A General

Keep STH 19 and the NB IH 39 off-ramp open to traffic on the existing number of lanes at all times, except as provided below for closure of lanes or shoulders, or flagging.

When only one lane is open to traffic in a given direction for STH 19, provide a minimum clear width of 16-feet, except as provided below for signed width restriction.

Until Tierney Crossing is open to traffic with the proposed signal in service, maintain the WB STH 19 left turn movement to Liuna Way-west every day starting at 6:00 AM and concluding at 10:00 PM, covering business hours for Fleet Farm, plus one hour on either end.

Maintain access to the Fleet Farm development at all times.

Keep River Road-south and Liuna Way-west open to traffic at all times, except as provided below for full closure, closure of shoulders, or flagging.

Maintain emergency vehicle access to all properties at all times.

Limit closure of through lanes, and turning movements, to those listed below.

Limit full roadway closures to those listed below.

B Miscellaneous

Provide PCMS message boards as shown in the plan.

Keep travel lanes clean and free of debris throughout the duration of the contract.

Provide flaggers at each end of a lane closure and at each intersection within a lane closure. Payment for flaggers, and for all needed appurtenances, including lighting, is incidental to the item of Traffic Control, Project 5290-00-72.

Do not park or store equipment or materials within 10-feet of the STH 19 traveled way, or within 18-feet of the traveled way for an IH 39 ramp, unless approved by the engineer.

During various stages of construction, install underground items (storm sewer, conduit, etc.) to the staging limits. Adequately extend the underground items to a location past the new pavement so they are accessible the following substage.

C Through Lane Closures

East of IH 39, continuously close one of two through lanes for WB STH 19 during Substages 1E, 2A, and 2B-RAB4, as shown in the plan. Close the inside through lane during Substages 1E and 2B-RAB and close the outside through lane during Substage 2A.

Do not close a WB STH 19 through lane east of IH 39 during Substage 1D-MED. Limit construction necessitating drums along the edge of the WB inside through lane during that substage to overnight hours between 9:00 PM to 6:00 AM. Retain a minimum clear width of 10-feet for the WB inside lane, and provide removable tape yellow edgeline pavement marking, as shown in the plan.

During Substage 1E or Substage 2B-RAB, extend the closure of the EB STH 19 inside lane to install a sign in the median.

D Turning Movement Closures

During Substages 1E, 2A, and 2B-RAB, continuously close one of two lanes for the left turn movement from the NB IH 39 off-ramp to WB STH 19, as shown in the plan.

The EB STH 19 right turn movement to Liuna Way-west may be continuously prohibited during Substage 1A-LNW1.

Prohibit the WB STH 19 left turn movement to Liuna Way-west whenever the side road is fully closed during Substage 1A and/or Substage 1D-LNW. See below for restrictions to full closure of Liuna Way-west.

Permanently close the EB STH 19 left turn movement to Cashel Way as soon as Tierney Crossing is open to traffic and the traffic signal in service, beginning early Substage 1D, starting with Substage 1D-MED.

During Substage 1E or Substage 2B-RAB, shorten the WB STH 19 left turn lane to SB IH 39 to install a sign in the median.

During Substage 1E, provide right-in/right-out access for River Road-south to EB STH 19, prohibiting left turn movements between River Road-south and WB STH 19. Do not exceed fifteen days for the prohibition of left turn movements, starting no earlier than 9:00 PM on a Friday, concluding no later than 6:00 AM on the Saturday fifteen days later.

Stripe off one of two permanent left turn lanes for the movements from EB STH 19 to NB Tierney Crossing, and from SB Tierney Crossing to EB STH 19, as shown in the plan for permanent signing and

pavement marking. The second left turn lane for each movement will be opened to traffic in the future by others, when warranted by traffic as the development expands.

During Substage 1A-LNW1 and 1A-LNW2, allow traffic to enter Liuna Way-west from STH 19, but continuously prohibit traffic from entering STH 19 from Liuna Way-west, as shown in the plan.

Do not restrict a turning movement concurrently at Liuna Way-west and Liuna Way-east.

E Opening the Roundabout at River Road to Traffic

When opening the roundabout to circulatory traffic in Substage 2B-RAB, have all legs and movements open to traffic with "Yield" (R1-2) signs in service at entry points to the roundabout.

Do not open the roundabout to circulatory traffic in Substage 2B-RAB, until all proposed lights are operational, except for lights 3 and 10, as shown in the plan.

F Signed Width Restriction

Provide min. clear width of 12-feet for signed width restriction of 11-feet for WB STH 19 at the west leg of the SB IH 39 ramp terminal at the end of Substage 2A and beginning of Substage 2B-RAB, as shown in the plan. Do not exceed 15 days for the signed width restriction, starting no earlier than 9:00 PM on a Friday, concluding no later than 6:00 AM on the Saturday 15 days later.

G Flagging and Rolling Stops

Install overhead sign supports under live traffic. Install S-13-500 over EB STH 19 during Substage 2B-RAB and install S-13-498 over WB STH 19 during Substage 2C. For both overhead sign structure installations, apply either rolling stops or flagging. Rolling stops provide for the following:

Rolling stops involve slowing or stopping traffic for a brief period, and then allowing it to proceed. Rolling stops shall be in increments of no more than 15 minutes in duration and they may only be performed by freeway law enforcement. Have all necessary flag persons and advance signing on site prior to, and during, the period when the rolling stop is in operation. Arrange for rolling stops at least ten calendar days in advance by contacting WisDOT Construction Project Manager, who will assist in making the necessary arrangements with the Wisconsin State Patrol. Rolling stops will be limited to the same hourly restrictions as flagging. For additional information about rolling stops, contact Kyle Hemp of the department's southwest region office at (608) 246-5367.

Do not flag on STH 19 or River Road-south during weekday peak periods, defined as the hours from 6:00 to 9:00 AM, and from 3:00 to 6:00 PM.

During Substage 1A, limit flagging to replace raised median east of River Road with temporary pavement to overnight during non-business hours for the Fleet Farm.

During Substage 1A, limit flagging to install proposed 42-inch storm sewer trunkline under existing STH 19 to when Liuna Way-west is fully closed overnight, during non-business hours for the Fleet Farm.

Do not flag during snow, freezing rain, sleet, or when traffic lanes are covered with snow or ice.

H Full Roadway Closures

Maintain traffic on both Cashel Way and the temporary development access at Station 187+70'WB'LT until Tierney Crossing is open to traffic, and the traffic signal in service, beginning early Substage 1D, starting with Substage 1D-MED.

Continuously close Cashel Way during Substage 2A.

Starting Substage 1D-MED, permanently close the temporary development access at Station 187+70'WB'LT.

At the end of Substage 2A, immediately prior to the switch to Substage 2B-RAB, and concurrent with the WB STH 19 signed width restriction at the SB IH 39 ramp terminal, River Road-south may be continuously closed for 81 hours, from 9:00 PM the first day, to 6:00 AM three full days and nine hours later.

River Road-north may be fully closed overnight from 9:00 PM to 6:00 AM, twice during Substage 1A. Continuously close River Road-north starting Substage 1C and extending through Substage 2A.

For Substage 1A, Liuna Way-west may be fully closed overnight five times starting at 10:00 AM and concluding at 6:00 AM, once prior to Substage 1A-LNW1, twice during Substage 1A-LNW1, twice during Substage 1A-LNW2.

For Substage 1D-LNW, Liuna Way-west may be fully closed overnight once, starting at 10:00 PM and concluding at 6:00 AM.

Continuously close Liuna Way-east during the last part of Substage 1D, starting Substage 1D-MED.

Do not fully close Liuna Way-west and Liuna Way-east concurrently.

I Shoulder Closures

When closing a shoulder along STH 19, do not restrict clear width to less than 16-feet for a direction of travel.

Do not close a shoulder during snow, freezing rain, sleet, or when traffic lanes are covered with snow or ice. Otherwise, shoulders may be closed at any time.

J Access to Entrances

Notify the property owner at least three calendar days in advance of work that would affect their access.

When River Road-north is fully closed:

- Permit local access to entrances from the north, but not from STH 19 to the south.
- Provide a driving surface of base aggregate dense, at least 6" thick, shaped to avoid standing water in case of rain.
- Monitor and maintain the unpaved surface to prevent ruts and potholes from developing.
- If necessary to prevent airborne dust, apply water or Dust Control Surface Treatment.
- Provide a minimum clear width of 16', with drums spaced at 25' to shield hazards.

K Traffic Staging

Substages for construction provided in the plan are listed below. Identified for each substage are how traffic is to be handled for STH 19 through movements, NB IH 39 off-ramp left turn movements to WB STH 19, River Road south of STH 19, and access to the development each day starting at 6:00 AM and concluding at 10:00 PM, starting one hour before and concluding one hour after Fleet Farm business hours. Specific impact under each substage is provided above for traffic on other roadways, other turning movements, shoulders closure, and flagging and rolling stops.

Substage 1A, 1A-LNW1, 1A-LNW-2:

- STH 19 through traffic: Remains on existing lanes.
- NB IH 39 off-ramp left turn traffic to WB STH 19: Both left turn lanes open.
- River Road-south traffic: On existing roadway.
- Access to the Fleet Farm development: Cashel Way and the temporary development access at Station 187+70'WB'LT both open to traffic, with access back to IH 39 via trailblazer signing for WB STH 19 left turn to Liuna Way-west.

Substage 1B:

- Same as Substage 1A.

Substage 1C:

- STH 19 through traffic: Two-way traffic shifted to the newly-constructed EB pavement at Liuna Way-west, and onto temporary pavement along the WB shoulder at River Road. Otherwise, STH 19 traffic remains on existing lanes.
- NB IH 39 off-ramp left turn traffic to WB STH 19: Both left turn lanes open.
- River Road-south traffic: Shifted east onto temporary roadway, stop condition moved for STH 19 traffic shift north onto existing WB lane and temporary pavement along outside.
- Access to the Fleet Farm development: Same as Substages 1A and 1B.

Substage 1D, 1D-LNW, 1D-MED:

- STH 19 through traffic: STH 19 traffic is in the same location as Substage 1C, except as follows. STH 19 traffic is median-separated at Liuna Way-west by shifting WB STH 19 traffic to newly-constructed WB pavement, with one of two lanes open to traffic in each direction. The location for one-lane EB traffic between Liuna Way-east and IH 39 for each Substage is noted below:
 - In Substage 1D-LNW, existing lane.
 - In Substage 1D-MED, shifted to the outside on existing pavement.
 - In Substage 1D, shifted to temporary pavement on the median side.
- NB IH 39 off-ramp left turn traffic to WB STH 19: Both left turn lanes open.
- River Road-south traffic: Shifted onto west portion of permanent roadway.
- Access to the Fleet Farm development:
 - In Substage 1D-LNW, same as Substages 1A, 1B, and 1C.
 - In Substages 1D-MED and 1D, Tierney Crossing and Cashel Way both open to traffic, and the temporary development access at Station 187+70'WB'LT is permanently closed.

Substage 1E:

- STH 19 through traffic: STH 19 traffic is median-separated throughout the project, with one-lane WB STH 19 traffic in the same location as Substage 1D, and one-lane EB STH 19 traffic typically on newly-constructed EB pavement, but at River Road partly on temporary pavement along the EB STH 19 shoulder. The inside through lane for WB STH 19 is continuously closed east of IH 39.
- NB IH 39 off-ramp left turn traffic to WB STH 19: One of two left turn lanes closed.
- River Road-south traffic: Same as Substage 1D, except right-in/right-out at EB STH 19 with stop condition moved for EB STH 19 traffic shift south onto permanent EB roadway and temporary pavement along outside.
- Access to the Fleet Farm development: Tierney Crossing and Cashel Way both open to traffic.

Substage 2A, End 2A:

- STH 19 through traffic: Two-way STH 19 is provided except at Liuna Way-west, where traffic is median-separated, similar to Substage 1D. WB STH 19 one-lane traffic is shifted across the median to the newly-constructed EB pavement, except at Liuna Way-west. EB STH 19 one-lane traffic remains in the same location as Substage 1E. The outside through lane for WB STH 19 is continuously closed east of IH 39. At the end of Substage 2A, the WB lane has a signed width restriction for 11-feet at the west leg of the SB IH 39 ramp terminal.
- NB IH 39 off-ramp left turn traffic to WB STH 19: One of two left turn lanes closed.
- River Road-south traffic: Same as Substage 1D, except left turns permitted to and from WB STH 19. At the end of Substage 2A, River Road-south is fully closed for one weekend.
- Access to the Fleet Farm development: Only Tierney Crossing is open to traffic.

Substage 2B, 2B-RAB:

- STH 19 through traffic: STH 19 traffic is median-separated, except for two-way traffic at the Yahara River bridge, by shifting WB traffic onto the newly-constructed WB pavement. Traffic for each direction of STH 19 during each Substage is noted below:

- In Substage 2B-RAB, circulatory traffic for STH 19 is run through the River Road roundabout, with both legs of River Road and all movements open to traffic, and “Yield” (R1-2) signs in service at entry points to the roundabout. Circulatory traffic is one lane for EB STH 19, and two lanes for WB STH 19. One lane EB STH 19 traffic is run on the center of the permanent EB STH 19 pavement west of and through the roundabout. At the Yahara River crossing just east of the roundabout, two-lane/two-way traffic is run on the permanent EB STH 19 pavement, with a single-lane temporary median crossover provided for WB STH 19 either side of the Yahara River. East of the Yahara River, one-lane EB traffic is run on the permanent outside lane extending to IH 39, and one-lane WB STH 19 traffic is run on the outside lane extending to and east of IH 39. The inside through lane for WB STH 19 is continuously closed east of IH 39. The WB lane has a signed width restriction for 11-feet at the west leg of the SB IH 39 ramp terminal.
- In Substage 2B, STH 19 traffic is run similar to Substage 2B-RAB, except for the following: one lane EB STH 19 traffic is run on the outside lane west of and through the roundabout; two lanes are provided for EB STH 19 starting just west of the Liuna Way-west intersection; two lanes are provided for WB STH 19 extending west to Cashel Way.
- NB IH 39 off-ramp left turn traffic to WB STH 19: During Substage 2B-RAB one of two left turn lanes closed; afterward, both left turn lanes open.
- River Road-south traffic: All movements are open at the roundabout.
- Access to the Fleet Farm development: Tierney Crossing and Cashel Way both open to traffic.

Substage 2C:

- STH 19 through traffic: STH 19 traffic is median-separated throughout the project, with all permanent traffic lanes open, except the EB inside lane is closed west of Liuna Way-west, and the inside WB lane is closed between the roundabout and Cashel Way.
- NB IH 39 off-ramp left turn traffic to WB STH 19: Both left turn lanes open.
- River Road-south traffic: All movements are open at the roundabout.
- Access to the Fleet Farm development: Tierney Crossing and Cashel Way both open to traffic.

L Wisconsin Lane Closure System Advance Notification

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

TABLE 108-1 CLOSURE TYPE AND REQUIRED MINIMUM ADVANCE NOTIFICATION

Closure type with height, weight, or width restrictions (available width, all lanes in one direction < 16')	MINIMUM NOTIFICATION
Lane and shoulder closures	7 calendar days
Full roadway closures	7 calendar days
Ramp closures	7 calendar days
Detours	7 calendar days
Closure type without height, weight, or width restrictions (available width, all lanes in one direction ≥16')	MINIMUM NOTIFICATION
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.

5. **Holiday Work Restrictions.**

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

- From noon Friday, August 30, 2019 to 6:00 AM Tuesday, September 3, 2019 for Labor Day;
- From noon Wednesday, November 27, 2019 to 6:00 AM Monday, December 2, 2019 for Thanksgiving;
From noon Friday, December 20, 2019 to 6:00 AM Monday, January 6, 2020 for Christmas and New Year's Day;
From noon Friday, April 10, 2020 to 6:00 AM Tuesday, April 14, 2020 for Easter;
From noon Friday, May 22, 2020 to 6:00 AM Tuesday, May 26, 2020 for Memorial Day;
From noon Thursday, July 2, 2020 to 6:00 AM Monday, July 6, 2020 for Independence Day;
From noon Friday, September 4, 2020 to 6:00 AM Tuesday, September 8, 2020 for Labor Day;
From noon Wednesday, November 25, 2020 to 6:00 AM Monday, November 30, 2020 for Thanksgiving.

stp-107-005 (20181119)

6. **Utilities.**

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

stp-107-065 (20080501)

Additional information regarding recently relocated utility facilities may be available on permits issued to the utility companies. These permits can be viewed at the Region Office during normal working hours. Contact WisDOT Utility Coordinator, Bobbie Keck, at (608) 246-3829 for further information.

There are underground and overhead utility facilities located within the project limits and there are known utility adjustments required for this construction project. Coordinate construction activities with a call to Digger's Hotline or a direct call to the utilities which have facilities in the area as required per statutes. Use caution to ensure the integrity of underground facilities and maintain code clearance from overhead facilities at all times.

Utility companies will be performing utility work and adjustments within the project limits prior to and during the life of this project. Cooperate and coordinate construction activities with these organizations.

Storm sewer work on the project will require coordination with utilities which may be in conflict with the storm sewer trench. In such situations, provide the engineer and the utilities in the area a good faith notice of when work will start in these areas. Provide this notice at least 5 working days in advance of when storm sewer work will begin in the area. Follow up with a confirmation notice to the engineer and the utility not less than 3 working days before the storm sewer contractor intends to begin the work.

The southern limits of the marsh excavation and temporary shoring shown on the plans allow room for utilities to place their relocated facilities across the river inside the right-of-way. If excavation beyond those limits is determined to be necessary, coordinate with the affected utilities regarding their adjustments. Some utilities are anticipated to be placed in this area prior to construction and some during construction after the completion of the marsh excavation and placement of new fill material.

Bidders are advised to contact each utility company listed in the plans prior to preparing their bids, to obtain current information on the status of existing and any new utility relocation work.

If a conflict with abandoned utility facilities is encountered, contact the appropriate utility owner/representative for instructions on proper removal and disposal of said facility.

Alliant Energy - Electricity has overhead facilities along the north side of STH 19 from the west project limit to Station 178'EB'+65 LT, and along the east side of River Road from STH 19 to Station 61'RNB'+50 RT where it crosses to the west side of River Road and follows the west side of the road to the project limit, and a crossing of STH 19 at Station 147'EB'+20. Underground facilities are present from Station

178'EB'+65 LT to the east project limits and crossings are located under STH 19 at Station 184'EB'+50, Station 187'EB'+45, and Station 188'EB'+55.

The following adjustments are proposed prior to construction:

- The 3 Phase electric line along the north side of STH 19 from STA 178'WB'+65 to the west will be buried. At the Yahara River, it will be directionally drilled with 6-inch Boreguard duct, and continue to the west approximately 3 feet south of the newly established north road right-of-way line to River Rd. It will then continue north with the underground cable to a new riser pole on the east side of River Rd near STA 63'RNB'+00. The line will be placed within a 20-foot wide utility easement established by the Village of Deforest north of the STH 19 right-of-way line and east of the property line at approximately STA 165'WB'+30.
- The single phase overhead electric surrounding the proposed roundabout will all be buried. The single phase overhead electric from STA 50'RNB'+00 to STA 54'RNB'+00 will be buried along the east side of River Road inside the right-of-way to STA 147'EB'+00 on the south side of STH 19. It will be directionally drilled and buried in 2-inch duct under STH 19 in a north/south direction near STA 147+50. The overhead electric line north of STH 19 will be buried from STA 135'WB'+00 to River Road and along the west side of River Road to a riser pole north of STA 63'RNB'+00. It will be placed inside the right-of-way line along River Road. The pole at STA 62'RNB'+00 will be removed and a new pole will be set north of STA 63'RNB'+00. The overhead poles along the north side of STH 19 from STA 135'WB'+00 to STA 178'WB'+65 and along the east side of River Road from STA 50'RNB'+00 to STH 19 will be removed.

The following adjustments are proposed during construction.

- The underground 3 phase cable crossings at STA 187'EB'+45 and STA 188'EB'+55 will be lowered. Contact Alliant Energy 1 week prior to the required adjustment of these facilities.
- The underground crossing at STA 184'EB'+50 will be abandoned and the meter removed after the new salt shed is constructed along USH 51.

ATC Management, Inc. – Electricity has a 138kV transmission facility, along the west side of IH 39, crossing STH 19 at Station 198'EB'+25 just east of the project limits. There are no anticipated conflicts. Maintain a safe working clearance to the conductors at all times based on the latest OSHA requirements.

CenturyLink – Communication has a copper cable along the south side of STH 19 from the west project limit to River Road, along the south side of STH 19 from River Road to Liuna Way (west), along the north side of STH 19 from River Road to Liuna Way (east), along the west side of River Road within the limits, and along the west side of Tierney Crossing. They have fiber optic cable along the south side of STH 19 from River Road to Liuna Way (west), along the west side of River Road from Station 53'RNB'+90 to the north project limits, and a crossing of River Road at Station 53'RNB'+90.

The following adjustments are proposed prior to construction:

- Installation of a new underground line along the west side of River Road from STA 49'RNB'+90 to STA 63'RNB'+50, including a crossing of STH 19, a new underground crossing of River Road at STA 53'RNB'+90, a new underground line along the south side of STH 19 just inside the right-of-way from River Road to Liuna Way (west), along the west side of Liuna Way (west) from a point south of the construction limits to STH 19, a crossing of STH 19 at STA 167'EB'+50, and along the west side of Tierney Crossing from STH 19 to a point north of the construction limits.

Charter Communications – Communication has an underground fiber optic line along the west side of River Road from Station 50'RNB'+30 to the north project limits, a crossing of River Road at Station 50'RNB'+30, along the east side of River Road from Station 50'RNB'+30 to STH 19, along the south side of STH 19 from River Road to Station 152'EB'+05 where it crosses STH 19, then along the north side of STH 19 to Tierney Crossing, then along the west side of Tierney Crossing.

A vault is located at Station 152'WB'+17, 17 feet left. Grade around this structure if necessary and contact Charter for final adjustment after grading is complete.

The following work is proposed prior to construction:

- Installation of a new underground line along the east side of River Road just inside the right-of-way line from Station 50'NB'+30 to STH 19, along the south side of STH 19 along just inside the right-of-way line between River Road and Station 152'EB'+05 where it crosses under STH 19 and connects into an existing vault, along the north side of STH 19 just inside the right-of-way line between River Road and Station 152'EB'+05, along the east side of River Road just inside the right-of-way line from STH 19 to Station 63'RNB'+20, and underneath River Road at Station 63'RNB'+20.
- Lowering of an existing pedestal at Station 166'EB'+90, 120 feet LT, installation of a new underground line between Station 166'EB'+75 to Station 166'EB'+90, 120 feet LT, at Station 166'EB'+75, from 120 feet LT to 105 feet RT that extends under STH 19, and from Station 166'EB'+75, 105 RT to Station 167'EB'+35, 110' RT where it ties into a new vault.

MG&E – Gas has high pressure distribution pipe and regular distribution pipe within the project limits. The high pressure pipe is a 6-inch steel pipe at 400 psi and the regular pipe is a 4-inch plastic, 60 psi distribution line.

The high pressure pipe is located on the eastern edge of the River Road shoulder south of STH 19 and continues north in this approximate area to STH 19, where it starts to skew to the east and cross to the north side of STH 19 at Station 146'EB'+80 where it extends to just inside the right-of-way line. From there the high-pressure gas continues to both the east and west. It continues to the west along the existing right-of-way to the east shoulder of River Road and continues north along the existing shoulder to the north limits of the project on River Road.

At Station 146'EB'+80, it extends to the east on the north side of the ditch along the north side of the highway to the Yahara River. The line crosses the Yahara river and continues to the east where it skews towards the roadway to the north shoulder of STH 19 at Station 159'WB'+50. It continues to follow the shoulder to approximately Station 176'WB'+50, where it turns to the north toward the right-of-way line and continues to the east to approximately Station 192'WB'+50, where it turns south closer to the STH 19 westbound roadway. It extends along the north side of STH 19 from that point to beyond the east project limits.

From Station 157'WB'+00 to 176'WB'+00, use extreme caution while excavating over the high-pressure gas main. MG&E gas does not anticipate that the high-pressure gas main will be within the roadway excavation limits. Minimize the amount of equipment used over the pipe and ensure there is proper cover by periodically locating the gas main during excavation and before running equipment over the gas main that has had its cover reduced. In the event the gas main becomes exposed within the subgrade, contact Roger Ahles at MG&E at (608) 252-5682 to address the situation.

The high-pressure line will be relocated at the intersection of River Road & STH 19 prior to roadway construction. MG&E Gas will connect to their existing facility at approximate 50'RNB'+35 RT. From there the new line will bend to the right-of-way line and follow the line at a 10-foot offset to the north to STH 19 and turn east to approximately Station 147'EB'+75 RT where it will cross to the north side of STH 19. On the north side of STH 19, the new installation will connect to existing high pressure to the east. To the west, the new installation will be at a 4-foot offset from the right-of-way line and extend to the north along River Road. At approximately 63'RNB'+15 RT, the new installation will bend to the west and connect to the existing gas line along River Rd. The existing gas facilities will be abandoned in place.

MG&E will conduct two ULO's on proposed storm crossings at Station 159'WB'+00, 40' LT, Station 168'WB'+80 LT and one ULO for proposed guardrail installation at Station 158'WB'+15 LT. The three ULO's will be conducted during the beginning of stage 1B of construction to determine if a window or adjustment is required. If a window or adjustment is determined to be needed, it will occur during stage 1B. Each window or adjustment will require approximately 5 working days to complete.

The 4-inch plastic distribution line crosses STH 19 at approximately Station 188'EB'+25 from north to south. The line extends along the south side of STH 19 near the right-of-way line from Liuna Way (east) to approximately Station 191'EB'+25 RT and then turns to the north to the STH 19 eastbound shoulder and then extends beyond the east project limits.

A new 4-inch plastic distribution line will be installed south of the project limits on River Road. This line will enter the project along the west side of River Road following the right-of-way line at a 1-foot offset. At approximately Station 51'RNB'+00 LT, the line will cross to the east side of River Road, continuing to the right-of-way line. The gas line will continue to follow the right-of-way along the east side River Road to the north, and then follow the south right-of-way line along STH 19 at a 7-foot offset. At approximately Station

153'EB'+00 RT, the line will divert from the 1-foot offset and cross the Yahara River and then follow the right-of-way line at a 4-foot offset from Station 154'EB'+90 RT to approximately station 167'EB'+50. The line will turn south down Liuna Way (west) and continue to follow the right-of-way line at 1-foot offset, connecting to the existing gas in front of the Wisconsin Laborers building. This line will be installed following completion of the associated bridge work and marsh excavation for structure B-13-0794. Once sheeting is removed for the marsh excavation, contact MG&E, Roger Ahles at (608) 252-5682 to coordinate installation of the gas main.

At approximately Station 191'EB'+00, MG&E Gas will connect to the existing facility located along the right-of-way line south of STH 19 and follow the right-of-way line at a 1-foot offset to approximately Station 194'EB'+00 and then continue parallel with STH 19 to Station 195'EB'+25, where it will bend 90 degrees to the north and connect to existing line. The existing line between Station 191'EB'+00 and 195'EB'+25 will be abandoned in place. This work will occur prior to roadway construction.

Madison Metropolitan Sewerage District - Sewer has an underground sanitary sewer line north of STH 19 from Station 192'EB'+75 to the east project limits and two crossings of STH 19 at Station 156'EB'+40 and Station 196'EB'+15. Contact Ray Schneider a minimum of 3 days prior to construction above MMSD facilities. No conflicts are anticipated.

MCI Metro – Communication has an underground line south of STH 19 along the east side of River Road, along the south side of STH 19 from River Road to Station 148'EB'+10 where it crosses STH 19, along the north side of STH 19 to Station 194'EB'+20, and a second underground line from Station 190'EB'+10 to Station 194'EB'+20.

The following adjustments are proposed prior to construction:

- Installation of a new underground fiber line inside the right-of-way line along the east side of River Road from Station 51'RNB'+50 to STH 19 and inside the right-of-way line along the south side of STH 19 from River Road to approximately Station 172'EB'+00 including a crossing underneath Liuna Way (west), and then crossing STH 19 at approximately Station 172'EB'+00.

TDS Telecom -Communication has an underground facility west of the project limits up to approximately Station 127'EB'+75. No conflicts are anticipated.

Village of DeForest – Sanitary Sewer has an underground sanitary sewer line along the north side of STH 19 from Station 156'EB'+20 to Tierney Crossing, along the west side of Tierney Crossing, and along the west side of Liuna Way (west). Manhole adjustments are required to the structures at Station 302+95 on Tierney Crossing and Station 8+90 on Liuna Way (west). This work is proposed during construction prior to the final paving and is anticipated to last approximately one day. Contact the village a minimum of 20 days prior to the required adjustment of these facilities to allow them to schedule this work.

Village of DeForest – Water has an underground line along the west side of Liuna Way (west) that crosses STH 19 at Station 167'EB'+85 and a line along the south side of STH 19 east of Liuna Way (east) to the east project limits which crosses STH 19 at Station 188'EB'+15.

The portion of the underground line south of the proposed STH 19 eastbound roadway at Station 188'EB'+15 is proposed to remain. Complete the grading over the water line in this area so the final elevation is no lower than 880.0 to provide for a minimum of 4.25 feet of cover.

The village is planning to lower portions of the line that cross STH 19 at Station 188'EB'+15. The portions to be lowered include a section within the proposed median and in the ditch along the north side of STH 19. They are proposing to complete this work during construction after traffic is shifted off the existing roadway and onto the proposed eastbound lanes during Stage 2A. That work is anticipated to occur around late July to early October in 2020. Contact the Village of De Forest a minimum of 30 days prior to STH 19 traffic being shifted off the existing roadway (proposed STH 19 WB) to allow the village to schedule this work. They anticipate this work to last approximately 5 days.

Valve adjustments are required adjacent to Station 9+00 on Liuna Way (west). These are located in the pavement and in the terrace area behind the curb. This work is proposed during construction prior to the final paving and finishing. Contact the village a minimum of 20 days prior to the required adjustment of these valves to allow them to schedule this work.

No other conflicts are anticipated.

WisDOT STOC (FTMS / ITS) and Traffic Signals and Lighting has an underground line in the STH 19 median extending from Station 191'EB'+20 to 195'EB'+45, along the north side of STH 19 from Station 192'EB'+20 to the east project limits, and crossings of STH 19 at Station 194'EB'+60, Station 197'EB'+85 and Station 199'EB'+00. Adjustments will be performed by the contractor as part of this project. They also have underground conduit around the River Road intersection that will be removed as part of this project.

7. Other Contracts.

Coordinate traffic control with the contractor installing traffic signals at the STH 19 intersection at North Towne Road, located between USH 51 and IH 39. The new traffic signals will be constructed under let contract with the Village of De Forest but owned and operated by the department after construction. Work is limited to above-ground facilities because underground appurtenances are already in place. The project is required to be complete by May 2020, but if the steel monotubes are delivered in time, work may occur earlier, in the fall of 2019. Contact Matt Regnier of KL Engineering at (608) 663-1218, Ext. 815.

8. Railroad Insurance and Coordination - Soo Line Railroad Company (CP).

A Description

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

A.1 Railroad Insurance Requirements

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

Notify evidence of the required coverage, and duration to Jim Krieger, Manager Public Works; Canadian Pacific Plaza, 120 South 6th Street, Suite 700, Minneapolis, MN 55402; Telephone (612) 330-4555; E-mail: jim_krieger@cpr.ca.

Also send a copy to the following: Teri Beckman, SW Region Railroad Coordinator; 2101 Wright Street, Madison, WI 53704; Telephone (608) 733-1923; E-mail: teri.beckman@dot.wi.gov.

Include the following information on the insurance document:

- Project ID: 5290-00-02/72
- Project Location: De Forest, Wisconsin
- Route Name: STH 19, Dane County
- Crossing ID: 392323B
- Railroad Subdivision: M&P
- Railroad Milepost: 25.78
- Work Performed: Reconstruction of HWY 19 and traffic control will need to be placed in rail road right-of-way.

A.2 Train Operation

Approximately 2 through freight trains operate daily at up to 10 mph. 10 total switching trains per day.

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

Construction Contact

Jim Krieger, Manager Public Works; Canadian Pacific Plaza, 120 South 6th Street, Suite 700, Minneapolis, MN 55402; Telephone (612) 330-4555; E-mail jim_krieger@cpr.ca for consultation on railroad requirements during construction.

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

Flagging Contact

Dave LeClaire, Supervisor of Public Works; Canadian Pacific Plaza, 120 South 6th Street, Suite 700, Minneapolis, MN 55402; Telephone (612) 330-4556; E-mail dave.leclaire@cpr.ca Reference the Crossing ID, Wisconsin Milepost and Subdivision found in A.1.

* Contact Soo Line (CP) prior to letting for flagman work hour availability.

Cable Locate Contact

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

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

A.4 Work by Railroad

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

A.5 Temporary Grade Crossing

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

A.6 Rail Security Awareness and Contractor Orientation

Prior to entry on railroad right-of-way, the contractor shall arrange for on-line security awareness and contractor orientation training and testing and be registered through "e-RAILSAFE" for all contractor and subcontractor employees working on railroad right-of-way. See e-railsafe.com "Information". The security awareness and contractor orientation training is shown under the railroad's name.

The department has secured right of entry to railroad property; neither the contractor nor subcontractors or their employees will be required to sign a right of entry form.

The security awareness and contractor orientation certification is valid for 2 year(s) and must be renewed for projects that will carry over beyond the 2 year period. Contractor and subcontractor employees shall wear the identification badge issued by e-RAILSAFE when on railroad right-of-way. Costs associated with training and registration are incidental to other items in the contract.

stp-107-026 (20170615)

9. 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 Alex Hagen at (608) 246-3830.

107-054 (20080901)

10. 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 Alex Hagen at (608) 246-3830. Post the permit in a conspicuous place at the construction site.

stp-107-056 (20180628)

11. Coordination with Businesses and Residents.

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

stp-108-060 (20141107)

12. Notice to Contractor, Notification of Demolition and/or Renovation No Asbestos Found, Structure B-13-861.

John Roelke, License Number All-119523, inspected Structure B-13-861 for asbestos on August 15 and 16, 2017. No regulated Asbestos Containing Material (RACM) was found on this structure. A copy of the inspection report is available from: Alex Hagen, PE, WisDOT SW Region, 608.246.3830.

According to NR447 and DHS159, ensure that DNR or DHS receives a completed Notification of Demolition and/or Renovation (DNR Form 4500-113 (R 4/11), or subsequent revision) via U.S. mail, hand-delivery, or using the online notification system at least 10 working days before beginning any construction or demolition. Pay all associated fees. Provide a copy of the completed 4500-113 form to Alex Hagen, PE, WisDOT SW Region, 608.246.3830 and DOT BTS-ESS attn: Hazardous Materials Specialist PO Box 7965, Madison, WI. 53707-7965. In addition, comply with all local or municipal asbestos requirements.

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

- Site Name: Structure B-13-861, STH 19 over the Yahara River
- Site Address: 2.7 miles East of JCT CTH I, Section 31, T9N, R10E, Village of Deforest/Town of Westport, Dane County, Wisconsin.
- Ownership Information: WisDOT Transportation SW Region, 2101 Wright Street, Madison, WI 53704-2559
- Contact: Alex Hagen, PE, WisDOT SW Region
- Phone: (608) 246.3830
- Age: 61 years old. This structure was constructed in 1958.
- Area: 3550 SF of deck

Insert the following paragraph in Section 6.g.:

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

stp-107-125 (20120615)

13. Notice to Contractor, Notification of Demolition and/or Renovation No Asbestos Found, Salt Shed.

John Roelke, License Number All-119523, inspected the salt shed adjacent to STH 19 for asbestos on March 20, 2019. No regulated Asbestos Containing Material (RACM) was found on this structure. A copy of the inspection report is available from: Alex Hagen, PE, WisDOT SW Region, (608) 246-3830.

According to NR447 and DHS159, ensure that DNR or DHS receives a completed Notification of Demolition and/or Renovation (DNR Form 4500-113 (R 4/11), or subsequent revision) via U.S. mail, hand-delivery, or using the online notification system at least 10 working days before beginning any construction or demolition. Pay all associated fees. Provide a copy of the completed 4500-113 form to Alex Hagen, PE, WisDOT SW Region, (608) 246-3830 and DOT BTS-ESS attn: Hazardous Materials Specialist PO Box 7965, Madison, WI 53707-7965. In addition, comply with all local or municipal asbestos requirements.

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

- Site Name: Structure Salt Shed
- Site Address: 3.2 miles East of JCT CTH I, Section 6, T8N, R10E, Village of Deforest, Dane County, Wisconsin.
- Ownership Information: WisDOT Transportation SW Region, 2101 Wright Street, Madison, WI 53704-2559
- Contact: Alex Hagen, PE, WisDOT SW Region
- Phone: (608) 246-3830
- Age: Unknown years old. This structure was constructed in Unknown.

Insert the following paragraph in Section 6.g.:

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

14. Notice to Contractor, Verification of Asbestos Inspection, No Asbestos Found, Tobacco Shed.

John Roelke, License Number All-119523, inspected the tobacco shed adjacent to River Road for asbestos on March 20, 2019. No regulated Asbestos Containing Material (RACM) was found on this structure. A copy of the inspection report is available from: Alex Hagen, PE, WisDOT SW Region, (608) 246-3830.

No asbestos was identified, however the roof shingles that are currently covered with tin were not inspected. Within 14-days of anticipated removal of the barn contact:

Name: Daniel Haak
Address: TRC Environmental Corporation
708 Heartland Trail, Suite 3000, Madison, WI 53717
Phone: (608) 826-3628
Fax: (608) 826-3941
E-mail: dhaak@trcsolutions.com

While the environmental consultant is present, remove one panel of the tin roof to allow the consultant to collect a sample for testing.

The role of the environmental consultant will be limited to:

1. Oversee the removal of one tin roof panel;
2. Collect an asbestos sample from the original roof shingle with a 24-hour turnaround time for sample results;
3. Provide the results to the WisDOT Construction Engineer and SW Environmental Coordinator
4. If testing positive for asbestos, the environmental consultant will coordinate the removal of the material containing asbestos only with a licensed asbestos removal contractor under the WisDOT HazMat Contract within 14 days of the test results.

This work shall be included under the bid item Removing Building (station) 01. 58+50.

15. Notice to Contractor – Airport Coordination by Contractor.

Coordinate with the Federal Aviation Administration (FAA) regarding the height and/or elevation of the temporary features within the airspace around the Dane County Regional Airport and the Waunakee Airport.

Since portions of the project come close to both the Dane County Regional Airport and Waunakee Airport, the FAA's Obstruction Evaluation Website shall be checked to see if any notices of proposed construction will be required by FAA. The "Notice Criteria Tool" shall be used to see if any equipment will require study. Access the tool at the following link:

<https://oeaaa.faa.gov/oeaaa/external/gisTools/gisAction.jsp?action=showNoNoticeRequiredToolForm>

Filing with the FAA is required at least 45 days prior to construction.

If temporary elevations will exceed the estimated notice criteria elevations, the contractor will need to prepare and submit FAA Form 7460-1 Notice of Proposed Construction or Alteration at least 45 days prior to the start of construction activities. The required form can be found at the following location.

<https://www.faa.gov/forms/index.cfm/go/document.information/documentID/186273>

The contractor shall copy the engineer on any correspondence with the FAA as it relates to new determinations. The contractor must also notify the Dane County Regional Airport and Waunakee Airport, if a filing of FAA Form 7460-1 is necessary.

Dane County Regional Airport:

Contact: Mike Stephens, (608) 246-3392; Cell (608) 235-6417

Waunakee Airport:

Contact: Jim Meier – General Manager: (608) 698-9498

Joe Androfski – Operations Manager: (608) 225-1109

A determination concerns the effect of temporary structures on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance or regulation of any Federal, State or local government body.

16. Notice to Contractor, Geodetic Survey Control Station.

Destroying Geodetic Survey Control Station

2H49 (DF9807) will be eliminated from the Wisconsin Geodetic Survey Control Network and removed from the National Spatial Reference System (NSRS) database managed by NOAA's National Geodetic Survey.

The approximate location of 2H49 is as follows:

Station 152'EB'+12, 6.8' LT

WisDOT Central Office Geodetic Surveys Unit staff will remove and salvage the 3.5-inch diameter bronze geodetic survey disk from the remnant concrete base prior to the end of August 2019.

Removal of the concrete base will be paid under the appropriate contract item.

Any questions shall be directed to the following contact:

Jacob Rockweiler, P.E., Wisconsin Height Modernization Program Manager with the Wisconsin Department of Transportation whose phone number is (608) 516-6362 and email is jacob.rockweiler@dot.wi.gov.

For additional information regarding geodetic survey control stations, please refer to Construction Materials Manual (CMM) 7-85.2 at the following:

<https://roadwaystandards.dot.wi.gov/standards/cmm/cm-07-85.pdf>

17. Erosion Control Structures.

Within seven calendar days after beginning work on the bridge superstructure, place all permanent erosion control devices, including riprap, erosion mat, ditch checks, seed, fertilizer, mulch, soil stabilizer, or any other item required by the contract or deemed necessary by the engineer. These devices shall be in place in the area under the bridge and on both sides of the roadway, from the waterway to a point 100-feet behind the backwall of the abutment. Within said limits, place these devices to a height equivalent to the calculated water elevation resulting from a storm that occurs on the average of once every two years (Q2) as shown on the plan, or as the engineer directs. Before initial construction operations, place turbidity barriers, silt screens, and other temporary erosion control measures as the plans show and remove them after the permanent erosion control devices are in place unless directed otherwise by the engineer.

In the event that construction activity does not disturb the existing ground below the Q2 elevation, the above timing requirements for permanent erosion control shall be waived.

stp-107-070 (20030820)

18. Construction Over or Adjacent to Navigable Waters.

The Yahara is classified as a state navigable waterway under standard spec 107.19.

stp-107-060 (20171130)

This reach of the Yahara River is regularly used by recreational watercraft. It will be necessary to place navigational aids around the construction area during construction. A Waterway Marker Application and Permit is required for both types of navigational markers (informational vs. control/restrictive) prior to construction. A local ordinance will also be required for buoys that control or restrict navigation. Adequate time should be allowed for the passage of an ordinance with the local municipality (if required). A local ordinance is not required for information navigational aids (a waterway marker permit is required). The Wisconsin Department of Natural Resources will determine which type of navigational aids are needed according to the project design and methods used during construction. The general steps for submission of a Waterway Marker Application and Permit are as follows:

1. Please fill out the Waterway Marker Application and Permit form here:
<http://dnr.wi.gov/files/PDF/forms/8700/8700-058C.pdf>
2. The Wisconsin Department of Transportation should be listed as the applicant.
3. Be sure to include an aerial map-diagram or engineered-diagram of the work location and the placement of the waterway markers (buoys). If proposed GPS coordinates for each buoy are not provided, then markers placed on the diagram must show distance (in feet) from each marker location and from one permanent fixture as a benchmark.
4. Provide the completed application/permit to the local municipality having jurisdictional authority over the area in which the waterway markers will be placed. If an ordinance is required, consult with the local municipality regarding their ordinance process.
5. Forward the signed application/permit to the Boating Program Specialist:

Penny Kanable
Wisconsin Department of Natural Resources
101 S. Webster Street – LE/8
Madison, WI 53703
(608) 228-9352
Penny.kanable@wisconsin.gov

The Boating Program Specialist will communicate with the local Warden and Recreational Safety Warden in processing and finalizing the permit. If the permit application is incomplete or additional information is needed, the Boating Program Specialist will work with DNR's Regional DOT Liaison to resolve.

6. Permanent Navigational Aids: The process outlined above will also apply to the placement of permanent navigational aids. This includes modifications, additions or temporary relocations of existing navigational aids. The locations of existing buoys (or other navigational aids) must be included in the permit application.

19. Archaeological Site.

The Township Line Site (47DA0445) is located along both sides of STH 19 between Yahara River and the Tierney Crossing/Liuna Way (west) intersection between Station 155+00 and Station 167+50 and extends beyond the proposed construction limits.

Do not use areas outside the proposed construction limits within this station range for obtaining borrow and for staging of personnel, equipment, and/or supplies.

20. 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)

21. Signing in the Fleet Farm Development.

Coordinate with Fleet Farm staff to provide them opportunity to remove, modify, or add signs within the Fleet Farm development as entrances are opened and closed at STH 19. This includes the following:

1) opening Tierney Crossing to traffic; 2) temporarily closing Cashel Way access to STH 19; 3) reopening Cashel Way access to STH 19; 4) permanently closing access to STH 19 for the entrance at the east end of the development. Provide advance notice of two calendar weeks (14 days) for each change to development access to STH 19. Contact Operations Manager Donnie Holzer or General Manager Kelly Agler at (608) 842-9125.

22. Pavement Marking in the Fleet Farm Development.

Coordinate with the Village of De Forest to provide them opportunity to adjust pavement marking on Tierney Crossing north of the reconstruction limits under this contract. Provide advance notice of two calendar weeks (14 days) prior to opening Tierney Crossing to traffic. Contact Village of De Forest Community Development Director Michelle Lawrie at (608) 846-6775.

23. Timing of Traffic Signals.

The following signalized intersections along STH 19 will be affected by the continuous closure of one of two WB STH 19 through lanes east of IH 39, and concurrent continuous closure of one of two NB IH 39 off-ramp left turn lanes to WB STH 19: 1) Tierney Crossing-Liuna Way-west; 2) SB IH 39 ramp terminal; 3) CTH CV; 4) NB IH 39 ramp terminal; 5) Pepsi Way; 6) North Towne Road; 7) SB USH 51 ramp terminal; 8) NB USH 39 ramp terminal. Coordinate with the department to give them opportunity to observe how traffic responds to the closed lanes, and to determine if a temporary timing adjustment is warranted for some or all the traffic signals. Temporary adjustment to the timing of existing traffic signals

will be made by the department. Provide advance notice of one calendar week (seven days) prior to concurrent continuous closure of the WB STH 19 through lane and off-ramp left turn lane, and prior to reopening those lanes to traffic. Contact Graham Heitz of the department's southwest region office at (608) 246-5362.

24. Existing Traffic Signal and Camera at the SB IH 39 Ramp Terminal.

Avoid impacting poles, signal heads, lights, and camera when working near, or temporarily adjusting appurtenance for, the traffic signal at the intersection of STH 19 with the SB IH 39 ramp terminal. Provide advance notice of one calendar week (seven days) prior to construction within 500' of the SB IH 39 ramp terminal to permit the department to observe the operations. Contact Graham Heitz of the department's southwest region office at (608) 246-5362.

25. Existing ITS System.

Avoid impacting appurtenances for the ITS system located between IH 39 and the SB IH 39 ramp terminal. Provide advance notice of one calendar week (seven days) prior to construction within 100' of the SB IH 39 ramp terminal to permit the department to observe the operations. Contact Kyle Hemp of the department's southwest region office at (608) 246-5367.

26. Existing Wavetronix ATR.

Avoid impacting the ATR Wavetronix at Station 176+61 WB, 70' LT, between Tierney Crossing and Cashel Way. Provide advance notice of one calendar week (seven days) prior to construction within 50' of the ATR to permit the department to observe the operations. Contact Traffic Data Unit Field Supervisor Russell Lewis at (608) 516-5754.

27. Removing Buildings

This work shall be according to standard spec 204 and as hereinafter provided.

Upon written order by the department representative to commence work, the buildings and surrounding state-owned property shall be under the custody of the contractor. Nothing in this proposal shall be interpreted as setting forth the condition of any building or the appurtenances thereto. Except as otherwise provided herein, it is to be understood that the department accepts no responsibility for the protection of buildings and appurtenances against damages sustained either prior to or subsequent to the time of the letting of the work under this contract. The contractor shall take such measures as are necessary to safeguard the public from damages or injury.

While the buildings are in the contractor's custody, keep the buildings in a closed condition. Do not remove doors or windows from the buildings until the actual day of razing, unless all openings are sealed as approved by the engineer. Only the contractor and his subcontractor shall salvage building components. At all times, do not allow the general public in the buildings or on the grounds.

Coordinate with the utility companies to disconnect services to the buildings. Provide a two week notice prior to building removal.

Remove all concrete steps, concrete sidewalks, and concrete slabs from the premises.

Until standing walls have been razed, the walls shall be reasonably and safely braced at all times to ensure complete safety during the wrecking operations.

Dispose of all non-hazardous demolition waste in a landfill licensed or approved in writing by the Department of Natural Resources and according to NR500, Wisconsin Administrative Code. Failure to properly dispose of solid waste is a violation of State Solid Waste Statutes and Administrative code and is subject to issuance of a citation under Wisconsin Statute §287.81(2)(a).

Remove all hazardous materials from the site, only after proper notification and compliance with the department requirements of the Wisconsin Department of Natural Resources (DNR) and local government regulations. The department has investigated the buildings to be removed for the presences

of asbestos and no asbestos was identified. Contact the SW Region Environmental Coordinator, Brian Taylor to obtain a copy of the pre-demolition asbestos inspection report.

Conduct all demolition, removal, and backfilling operations in such a manner that all conflicts with vehicular traffic on adjacent streets and highways are avoided. Use barricades or fencing, or both, when needed to guarantee the safety of pedestrians or motorists.

Remove all material from the premises in a safe manner and in compliance with all applicable laws and ordinances. Do not disturb adjacent property.

28. Excavation Marsh.

Perform the work in accordance with standard spec 205, the details in the plans, and as hereinafter provided.

Excavate marsh material and backfill with the materials as shown in the plans from approximately Station 152'EB'+50 to the Yahara River. Once excavation begins, a larger or smaller quantity of marsh excavation may be identified which shall be removed and paid for under this item.

The area of excavation shall be limited to 25 feet at one time as measured along the roadway reference line. Proceed with backfill operations in such a manner that this maximum 25-foot open excavation restriction is maintained. Backfill each excavation area by the end of each working day. No part of the excavation shall be allowed to remain open overnight.

Compaction of the native soil at the bottom of the excavation is not recommended because the in-situ soil is expected to be too wet to be effectively compacted and/or may adversely affect compaction of the initial lift of the fill material.

The southern limits of the marsh excavation and temporary shoring shown on the plans allow room for utilities to place their relocated facilities across the river inside the right-of-way. If excavation beyond those limits is determined to be necessary, coordinate with the affected utilities regarding their adjustments. Some utilities are anticipated to be placed in this area prior to construction and some during construction after the completion of the marsh excavation and placement of new fill material.

Excavated marsh material shall not be used within the roadway foundation (as defined in standard specification 101.3) but may be disposed of outside those areas per standard specification 207.2.

This item shall include any dewatering that is proposed including providing wells, sumps, or pumps as needed to lower the water level to facilitate construction. If dewatering is proposed, take all necessary precautions during the dewatering operation to protect adjacent water, and construction activities. Install erosion control as needed. If dewatering wells are used, permanently abandon them by removing the well casing and screens, and filling with bentonite.

29. Removing Old Structure Over Waterway With Minimal Debris Station 155+11'WB', Item 203.0600.S.

Conform to standard spec 203 as modified in this special provision.

Add the following to standard spec 203:

203.3.6 Removals Over Waterways and Wetlands

203.3.6.2 Removing Old Structure Over Waterway with Minimal Debris

- (1) Remove the existing Structure B-13-861 over the Yahara River in large sections and conforming to the contractor's approved structure removal and clean-up plan. During superstructure removal, prevent all large pieces and minimize the number of small pieces from entering the waterway or wetland. Remove all reinforcing steel, all concrete, and all other debris that falls into the waterway or wetland. The contractor may leave limited amounts of small concrete pieces scattered over the waterway floor or wetland only if the engineer allows.
- (2) Submit a structure removal and clean-up plan as part of the erosion control implementation plan required under standard spec 107.20. Do not start work under the structure removal and clean-up plan without the department's written approval of the plan. Include the following information in the structure removal and clean-up plan:

- Methods and schedule to remove the structure.
- Methods to control potentially harmful environmental impacts.
- Methods for superstructure removal that prevent all large pieces and minimize the number of small pieces from entering the waterway or wetlands.
- Methods to control dust and contain slurry.
- Methods for removing piers and abutments. If blasting in water, include restrictions that regulatory agencies and the contract require.
- Methods for cleaning the waterway or wetlands.

- (3) If stockpiling spoil material, place it on an upland site an adequate distance from the waterway, wetland, or any open water created by excavation. Install silt fence between the spoil pile and the waterway, wetland, or excavation site.

Add the following Removing Old Structure bid item to standard spec 203.5.1:

ITEM NUMBER	DESCRIPTION	UNIT
203.0600.S	Removing Old Structure Over Waterway With Minimal Debris Station 155+11'WB'	LS
stp-203-020 (20170615)		

30. Removing Lighting Control Cabinets, Item 204.9060.S.01.

A Description

This special provision describes removing lighting control cabinets and associated utility pole mounted equipment.

B (Vacant)

C Construction

Dispose of materials in appropriate manner; recycle materials where possible.

Remove utility pole mounted photocontrol, transformer and associated conductors/conduits associated with lighting control cabinet being removed.

D Measurement

The department will measure Removing Lighting Control Cabinets, completed according to the contract accepted, as a single complete unit of work for each removal.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.01	Removing Lighting Control Cabinets	EACH

Payment is full compensation for removing and disposing of the cabinet, electrical components, concrete base, pole mounted transformer and photocontrol, and associated conduits/conductors; and for removing related underground cable, splicing through the underground circuits.

stp-204-025 (20150630)

31. Removing Lighting Units, Item 204.9060.S.02.

A Description

This special provision describes the removing lighting units as shown on the plans, according to the pertinent provisions of standard spec 204, and as follows.

B Materials

All removed material shall become the property of the contractor and be disposed off the project site. Lamps, which are considered a hazardous material, become property of the contractor and shall be disposed of an environmentally sound manner.

C Construction

Remove lighting units consisting of pole, arm, luminaire, lamp, wires, breakaway device, and associated hardware and appurtenances.

No removal work will be permitted without approval from the engineer. Removal shall start as soon as the temporary lighting or permanent lighting, as applicable, is placed in approved operation. An inspection and approval by the engineer will take place before any associated proposed permanent or temporary lighting is approved for operation.

D Measurement

The department will measure Removing Lighting Units in each individual unit, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.02	Removing Lighting Units	EACH
stp-204-025 (20150630)		

32. Removing Post-Mounted Barricades, Item 204.9060.S.03.

A Description

This special provision describes the removing of barricades mounted on wood posts at the south end of stubbed Tierney Crossing as shown on the plans, according to the pertinent provisions of standard spec 204, and as follows.

B Materials

All removed material shall become the property of the contractor and be disposed of off the project site.

C Construction

Remove the barricade, each of which includes three wood rails with reflectorized sheeting, and three wood posts mounted in the ground. Wood rails are approximately 10-feet long X 6-inches wide. Wood posts are approximately 4X6-inches, extending about 4 feet above the ground surface.

Do not remove barricades prior to Substage 1C.

D Measurement

The department will measure Removing Post-Mounted Barricades as each individual unit, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S	Removing Post-Mounted Barricades	EACH
stp-204-025 (20150630)		

33. Base Aggregate Dense ¾-Inch, Item 305.0110.

Revise standard spec 301.2.4.3 as follows:

Furnish aggregate classified as crushed stone, from a department-approved quarry, for ¾-Inch base when used in the top 3 inches of the unpaved portion of the shoulder or for unpaved driveways and field entrances.

(SWR 305.01-09212015)

34. Base Aggregate Dense 1 1/4-Inch, Item 305.0120.

Revise standard spec 305.2.2.1 when base is $\geq 50\%$ crushed gravel as follows:

Use 1 1/4-Inch base aggregate that conforms to the following gradation requirements.

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

^[1] Limited to a maximum of 8.0 percent for base placed between old and new pavement.
(SWR 305.02-08032016)

35. QMP Base Aggregate Dense 1 1/4-Inch Compaction, Item 371.1000.S.

A Description

- (1) This special provision describes modifying the compaction and density testing and documentation requirements of work done under the Base Aggregate Dense 1 1/4-Inch bid items. Conform to standard spec 305 as modified in this special provision and to the contract QMP Base Aggregate article.
- (2) Provide and maintain a quality management program. A quality management program is defined as all activities, including process control, inspection, sampling and testing, and necessary adjustments in the process related to construction of dense graded base which meets all the requirements of this provision.
- (3) Chapter 8 of the department's construction and materials manual (CMM) provides additional detailed guidance for QMP work and describes sampling and testing procedures.

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

- (4) This special provision applies to Base Aggregate Dense 1 1/4-Inch material placed on the mainline traveled way and adjacent mainline shoulders according to the typical finished sections. Unless otherwise specified by the contract, all Base Aggregate Dense 1 1/4-Inch material placed on side roads, private and public entrances, ramps, tapers, turn lanes, and other locations not described as the mainline traveled way and its adjacent mainline shoulders is exempt from the compaction and density requirement modifications and testing contained within this special provision.

B (Vacant)

C Construction

C.1 General

- (1) The engineer shall approve the grade before placement of the base. Approval of the grade shall be according to applicable provisions of the Standard Specifications.

Add the following to standard spec 305.3.2.2:

- (3) Compact the 1 1/4-Inch dense graded base to a minimum of 93.0% of the material target density. Ensure that adequate moisture is present during placement and compaction operations to prevent segregation and to help achieve compaction.
- (4) The material target density will be identified using one of the following methods:
 1. For 1 1/4-Inch dense graded base composed of $\leq 20\%$ reclaimed asphaltic pavement (RAP) or crushed concrete (RCA), as determined by classification of material (aggregate or RAP and/or RCA) and percentage by weight of each material type retained on the No. 4 Sieve: maximum dry density according to AASHTO T-180, Method D, with correction for coarse particles as determined by AASHTO T224, and modified to require determination of Bulk Specific Gravity (G_m) according to AASHTO T 85. Bulk Specific Gravities determined according to standard spec 106.3.4.2.2 for aggregate source approval may be utilized
 2. For 1 1/4-Inch dense graded base composed of $> 20\%$ RAP or RCA, as determined by classification of material (aggregate or RAP and/or RCA) and percentage by weight of each material type retained on the No. 4 Sieve, the contractor may choose from the following options:
 - 2.1. Maximum dry density as determined by AASHTO T-180, Method D, with correction for coarse particles as determined by AASHTO T224 and modified to require determination of Bulk Specific Gravity (G_m) according to AASHTO T 85.
 - 2.2. Maximum wet density as determined by AASHTO T-180, Method D, modified to define *Maximum Density* as the wet density in pounds per cubic foot of soil at optimum moisture content using Method D specified compaction, with correction for coarse particles as determined by AASHTO T224, and modified to require determination of Bulk Specific Gravity (G_m) according to AASHTO T 85.
 - 2.3. Average of 10 random control strip wet density measurements as described in section C.2.5.1.
- (5) Base Aggregate Dense 1 1/4-Inch will be accepted for compaction on a target density lot basis.
- (6) Field density tests on materials using contractor elected target density methods C.1(4).2.2 or C.1(4).2.3 will not be considered for lot acceptance on the basis of compaction under the requirements of this provisions until the moisture content of the in-place material is less than 2.0 percentage points above the maximum wet density optimum moisture or 2.0 percentage points of the average moisture content of the 10 density tests representing a control strip, respectively.

C.2 Quality Management Program

C.2.1 Quality Control Plan

- (1) Submit a comprehensive written quality control plan to the engineer no later than 10 business days before placement of material. Do not place any dense graded base before the engineer reviews and accepts the plan. Construct the project as the plan provides.
- (2) Do not change the quality control plan without the engineer's review and acceptance. Update the plan with changes as they become effective. Provide a current copy of the plan to the engineer and post in the contractor's laboratory as changes are adopted. Ensure that the plan provides the following elements:
 1. An organizational chart with names, telephone numbers, current certifications and/or titles, and roles and responsibilities of QC personnel.
 2. The process used to disseminate QC information and corrective action efforts to the appropriate persons. Include a list of recipients, the communication process that will be used, and action time frames.
 3. A list of source locations, section and quarter descriptions, for all aggregate materials requiring QC testing.
 4. Descriptions of stockpiling and hauling methods.
 5. An outline for resolving a process control problem. Include responsible personnel, required documentation, and appropriate communication steps.
 6. Location of the QC laboratory, retained sample storage, and other documentation.
 7. A summary of the locations and calculated quantities to be tested under this provision.
 8. A description of placement methods and operations. Including, but not limited to: staging, construction of an initial working platform, lift thicknesses, and equipment.

C.2.2 Pre-Placement Meeting

A minimum of two weeks before the start of placement of Base Aggregate Dense 1 1/4-Inch material, hold a pre-placement meeting at a mutually agreed upon time and location. Present the Quality Control Plan at the meeting. Attendance at the pre-placement meeting is mandatory for the project superintendent, quality control manager, project inspection and testing staff, all appropriate contractor personnel involved in the sampling, testing, and quality control including subcontractors, and the engineer or designated representatives.

C.2.3 Personnel

- (1) Perform the quality control sampling, testing, and documentation required under this provision using technicians certified by the department's Highway Technician Certification Program (HTCP). Have a HTCP Nuclear Density Technician I, or ACT certified technician, perform field density and field moisture content testing.
- (2) If an ACT is performing sampling or testing, a certified technician must coordinate and take responsibility for the work an ACT performs. Have a certified technician ensure that all sampling and testing is performed correctly, analyze test results, and post resulting data. No more than one ACT can work under a single certified technician.

C.2.4 Equipment

- (1) Furnish the necessary equipment and supplies for performing quality control testing. Ensure that all testing equipment conforms to the equipment specifications applicable to the required testing methods. The engineer may inspect the measuring and testing devices to confirm both calibration and condition. Calibrate all testing equipment according to the CMM and maintain a calibration record at the laboratory.
- (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>
- (3) Ensure that the nuclear gauge manufacturer or an approved calibration service calibrates the gauge the same calendar year it is used on the project. Retain a copy of the calibration certificate with the gauge.
- (4) For all target density methods, conform to ASTM D 6938 and CMM 8.15 for wet density testing and gauge monitoring methods.
- (5) For the specified target density determined using method C.1(4).1, compute the dry densities for the compacted dense graded base, composed of ≤20% RAP or RCA, according to ASTM D 6938.
- (6) For contractor elected target density method C.1(4).2.1 compute dry densities of dense graded base composed of >20% RAP or RCA using a moisture correction factor and the nuclear wet density value. Determine the moisture correction value, for each Proctor produced under the requirements of C.2.5, using the moisture bias as shown in CMM 8.15.12.1 and 8.15.12.2, except the one-point Proctor tests of the 5 random tests is not required. Conduct a moisture bias test for every 9000 tons of Base Aggregate Dense 1 1/4-Inch placed. Determine natural moistures in the laboratory.
- (7) Perform nuclear gauge measurements using gamma radiation in the backscatter or direct transmission position on the same date of placement of the Base Aggregate Dense 1 1/4-Inch material. Backscatter may be used only if the material being tested cannot reliably maintain an undistorted direct transmission test hole. Direct transmission tests must be performed at the greatest possible probe depth of 2 inches, 4 inches, or 6 inches, but not to exceed the depth of the compacted layer being tested. Perform each test for 4 minutes of nuclear gauge count time.

C.2.5 Contractor Testing

- (1) Perform compaction testing on the mainline dense graded base material, as defined by A.(4). Perform the quality control sampling, testing, and documentation required under this provision using HTCP certified technicians as required in C.2.3. Conform to CMM 8.15 for testing and gauge monitoring methods.
- (2) Select test sites randomly using ASTM Method D3665. Do not test less than 1 ½ feet from the unsupported edge of the dense graded base layer. Test sites must be located within the mainline traveled way or the traveled way's adjacent mainline shoulder.

C.2.5.1 Contractor Required Quality Control (QC) Testing

- (1) Conduct testing at a minimum frequency of one test per lot. A lot will consist of each 1500 tons for each layer with a minimum lift thickness of 2" of Base Aggregate Dense 1 1/4-Inch material placed, regardless of the location of placement. Each lot of in-place mainline, as defined by A.(4), Base Aggregate Dense 1 1/4-Inch material compacted will be accepted when the lot field density meets the required minimum 93.0% of target density. Lots that don't achieve 93.0% of target density must be addressed and approved according to C.2.7.
- (2) Notify the engineer, if a lot field density test falls below the required minimum value. Document and perform corrective actions according to C.2.7. Deliver documentation of all compaction testing results to the engineer at the time of testing.

C.2.5.1.1 Target Density Determination

C.2.5.1.1.1 Density Control Strip Method

- (1) For contractor elected target density method C.1(4).2.3, construct a control strip for each layer of placement to identify the target wet density for the base aggregate dense material. The control strip construction and density testing will occur under the direct observation and/or assistance of the department QV personnel.
- (2) Unless the engineer approves otherwise, construct control strips to a minimum dimension of 300 feet long and one full lane width.
- (3) Completed control strips may remain in-place to be incorporated into the final roadway cross-section.
- (4) Construct additional control strips, at a minimum, when:
 1. The four point moving average gradation on any one sieve differs from the original gradation test result for that sieve by more than 10 percentage points. The original gradation test is defined as the gradation of the material used to construct the control strip. A previously determined Proctor value will remain valid for any material with gradation for all sieves within 10.0 percentage points of that Proctor's original gradation test.
 2. The source of base aggregate changes.
 3. The four point moving average percentage of blended recycled materials, from classification of material retained on the No. 4 sieve in the original gradation test, differs by more than 10 percentage points. The original gradation test is defined as the gradation of the material used to construct the control strip. A previously determined Proctor value will remain valid for any material with gradation for all sieves within 10.0 percentage points of that Proctor's original gradation test.
 4. The layer thickness changes more than 2.0 inches.
 5. The percent target density exceeds 103.0% on two consecutive density measurements.
- (5) Construct control strips using equipments and methods representative of the operations to be used to place and compact the remaining 1 1/4-Inch Base Aggregate Dense material. Wet the base, as mutually agreed upon by the contractor and engineer, to obtain and/or maintain adequate moisture content to ensure proper compaction. Discontinue water placement if the base begins to exhibit signs of saturation or instability.
- (6) After compacting the control strip with a minimum of 2 passes, mark and take density measurements at 3 random locations, at least 1 1/2 feet from the edge of the base. Subsequent density measurements will be taken at the same 3 locations.
- (7) After each subsequent pass of compaction equipment over the entirety of the control strip, take density measurements at the 3 marked locations. Continue compacting and testing until the increase in density measurements is less than 2.0 lb/ft³, or the density measurements begin to decrease.
- (8) Upon completion of control strip compaction, take 10 randomly located density measurements within the limits of the control strip, at least 1 1/2 feet from the edge of the base. The final measurements recorded at the 3 locations under article C.2.4.1.1.1(6) may be included as 3 of the 10 measurements. Average the ten measurements to obtain the control strip target density and target moisture for use in contractor elected method C.1(4).2.3.

C.2.5.1.1.2 Maximum Wet and/or Dry Density Methods

- (1) For contractor elected target density methods C.1(4).2.1, C.1(4).2.2, and contractually specified target density method C.1(4).1; perform one gradation and 5-point Proctor test before placement of 1 1/4-Inch dense graded base. Perform additional gradations every 3000 tons. If sampling requirements are identical, samples/testing performed for the QMP Base Aggregate specification may be used to fulfill the gradation testing requirements of this specification.
- (2) Perform additional 5-point Proctor tests, at a minimum, when:
 1. The four point moving average gradation on any one sieve differs from the original gradation test result for that sieve, by more than 10 percentage points. The original gradation test is defined as the gradation of the material used to create a 5-point Proctor. Each 5-point Proctor test will remain valid for any material with gradation for all sieves within 10.0 percentage points of that Proctor's original gradation test.
 2. The source of base aggregate changes.

3. The four point moving average percentage of blended recycled materials; from classification of material retained on the No. 4 sieve; in the original gradation test, differs by more than 10 percentage points. The original gradation test is defined as the gradation of the material used to construct the control strip. A previously determined Proctor value will remain valid for any material with gradation for all sieves within 10.0 percentage points of that Proctor's original gradation test
 4. Percent target density exceeds 103.0% on two consecutive density tests.
- (3) Provide Proctor test results to the engineer within 48 hours of sampling. Provide gradation test results to the engineer within 24 hours of sampling.
 - (4) Split each contractor QC Proctor sample and identify it according to CMM 8.30. Deliver the split to the engineer within one business day for department QV Proctor testing.
 - (5) Split each non-Proctor contractor QC sample and identify it according to CMM 8.30. Retain the split for 7 calendar days in a dry, protected location. If requested for department comparison testing, deliver the split to the engineer within one business day.

C.2.5.2 Optional Contractor Assurance (CA) Testing

- (1) CA Testing is optional and is conducted to further validate QC testing. The contractor may submit recorded CA data to provide additional information for the following:
 1. Process control decisions
 2. Troubleshooting possible sampling, splitting, or equipment problems.

C.2.6 Department Testing

C.2.6.1 General

- (1) The department will conduct verification testing to validate the quality of the product and independent assurance testing to evaluate the sampling and testing. The department will provide the contractor with a listing of names and telephone numbers of all QV and IA personnel for the project and provide test results to the contractor within two business days after the department obtains the sample.

C.2.6.2 Quality Verification (QV) Testing

- (1) The department will have an HTCP technician, or ACT working under a certified technician, perform QV sampling and testing. Department verification testing personnel must meet the same certification level requirements specified in C.2.3 for contractor testing personnel for each test result being verified. The department will notify the contractor before sampling so the contractor can observe QV sampling.
- (2) The department will conduct QV tests at the minimum frequency of 30% of the required gradation, density and Proctor contractor tests.
- (3) The department will utilize contractor's QC Proctor results for determination of the material target density. The department will verify QC Proctor values by testing QC Proctor split sample. The department will use QC Proctor value as a target density if the QC and QV Proctor test results meet the tolerance requirements specified in section 2.6.2(7).
- (4) The department will locate gradation and nuclear density test samples, at locations independent of the contractor's QC work, collecting one sample at each QV location. The department will split each QV sample, test half for QV, and retain the remaining half for 7 calendar days.
- (5) The department will conduct QV tests in a separate laboratory and with separate equipment from the contractor's QC tests. The department will use the same methods specified for QC testing.
- (6) The department will utilize control strip target density testing results in lieu of QV Proctor sampling and testing when the contractor elected C.1 (3).2.3 target density method is used.
- (7) The department will assess QV results by comparing to the appropriate specification limits. If QV test results conform to this special provision, the department will take no further action. If QV test results are nonconforming, take corrective actions according to C.2.7 until the requirements of this special provision are met. Differing QC and QV nuclear density values of more than 2.0 pcf will be investigated and resolved. Differing QC and QV Proctor values of more than 3.0 pcf will be investigated and resolved.

C.2.6.3 Independent Assurance (IA)

- (1) Independence assurance is unbiased testing the department performs to evaluate the department's QV and the contractor's QC sampling and testing, including personnel qualifications, procedures, and equipment. The department will perform an IA review according to the department's independent assurance program. That review may include one or more of the following:

1. Split sample testing.
 2. Proficiency sample testing.
 3. Witnessing sampling and testing.
 4. Test equipment calibration checks.
 5. Requesting that testing personnel perform additional sampling and testing.
- (2) If the department identifies a deficiency, and after further investigation confirms it, correct that deficiency. If the contractor does not correct or fails to cooperate in resolving identified deficiencies, the engineer may suspend placement until action is taken. Resolve disputes as specified in C.2.6.4.

C.2.6.4 Dispute Resolution

- (1) The engineer and contractor should make every effort to avoid conflict. If a dispute between some aspect of the contractor's and the engineer's testing program does occur, seek a solution mutually agreeable to the project personnel. The department and contractor shall review the data, examine data reduction and analysis methods, evaluate sampling and testing methods/procedures, and perform additional testing. Use ASTM E 178 to evaluate potential statistically outlying data.
- (2) Production test results, and results from other process control testing, may be considered when resolving a dispute.
- (3) If project personnel cannot resolve a dispute, and the dispute affects payment or could result in incorporating non-conforming product or work, the department will use third party testing to resolve the dispute. The department's central office laboratory, or a mutually agreed on independent testing laboratory, will provide this testing. The engineer and contractor will abide by the results of the third party tests. The party in error will pay service charges incurred for testing by an independent laboratory. The department may use third party test results to evaluate the quality of questionable materials and determine the appropriate payment. The department may reject material or otherwise determine the final disposition of nonconforming material as specified in standard spec 106.5.

C.2.7 Corrective Action

- (1) Lots not achieving 93.0% of target density may be addressed and accepted for compaction according to the requirements of this section. Unless otherwise stated, the actions taken to address an unacceptable lot must be applied to the entire lot.

 Passing CA test results according to section C.2.5.2 will reduce the limits of lot investigations and/or corrective actions.
- (2) Investigate the moisture content of material in an unacceptable lot. Moisture content testing/samples collected under the QC and/or QV testing articles of this specification may be used to complete this investigation. Obtain moisture content readings according to ASTM D 6938. For material composed of >20% RAP or RCA, correct the moisture content with the moisture correction value using the moisture bias, as shown in CMM 8.15.12.1 and 8.15.12.2, except the one-point Proctor tests of the 5 random tests is not required.
- (3) Lots with moisture contents within 2.0 percentage points of optimum moisture for target density methods C.1(4).1, C.1(4).2.1, or C.1(4).2.2, or within 2.0 percentage points of the target moisture content for target density method C.1(4).2.3, and exhibiting no signs of deflection when subjected to loading by the heaviest roller used in the placement and compaction operations, shall be compacted a minimum of one more pass using equipment and methods representative of the operations used to place and compact the Base Aggregate Dense 1 1/4-Inch, and density tested at the same location (station and offset) as the failing QC and/or QV density tests. If the change in density exceeds 2.0 lb/ft³ continue subsequent compactive efforts and density testing on that lot, at no additional cost to the department. If the change in density is less than or equal to 2.0 lb/ft³, the lot is accepted as satisfying the compaction requirements of this provision.
- (4) Lots with moisture contents within 2.0 percentage points of optimum moisture for target density methods C.1(4).1, C.1(4).2.1, or C.1(4).2.2, or within 2.0 percentage points of the target moisture content for target density method C.1(4).2.3, and exhibiting signs of deflection when subjected to loading by the heaviest roller used in the placement and compaction operations, will be reviewed by the engineer. The engineer may request subgrade improvement methods, such as excavation below subgrade (EBS), installation of geotextile fabrics, installation of breaker run material, or others to be completed, or may request an additional pass of compactive effort using equipment and methods representative of the operations used to place and compact the base aggregate dense and density test.

1. If, after an additional pass, the change in density at the same location (station and offset) as the failing QC and/or QV density tests exceeds 2.0 lb/ft³ in a lot continue subsequent compactive efforts and density testing on that lot. If the change in density at the same location (station and offset) as the failing QC and/or QV density tests is less than or equal to 2.0 lb/ft³, and subgrade improvement methods are not requested by the engineer, the lot is accepted as satisfying the compaction requirements of this provision.
 2. If subgrade improvement methods are requested by the engineer, upon completion, including compaction of the restored base material, conduct a density test within the improved subgrade limits. This density test result will replace the prior field density value. If the lot field density equals or exceeds 93.0% of target density the lot is accepted as satisfying the compaction requirements of this provision. If the lot field density fails to achieve 93.0% of target density, compact the lot a minimum of one more pass using equipment and methods representative of the operations used to place and compact the base aggregate dense; and density test at the same location (station and offset) as the failing QC and/or QV density tests. If the change in density exceeds 2.0 lb/ft³ continue subsequent compactive efforts and density testing on that lot, at no additional cost to the department. If the change in density is less than or equal to 2.0 lb/ft³, the lot is accepted as satisfying the compaction requirements of this provision.
- (5) Unacceptable lots, with moisture contents in excess of 2.0 percentage points above or below optimum moisture for target density methods C.1(4).1, C.1(4).2.1, or C.1(4).2.2 ; or in excess of 2.0 percentage points above or below the target moisture content for target density method C.1(4).2.3; shall receive contractor performed and documented corrective action; including additional density testing.
 - (6) Density tests completed subsequent to any corrective action will replace previous field density test results for that lot. Continue corrective actions until 93.0% of target density is achieved or an alternate compaction acceptance criteria is met according to this section.
 - (7) Field moisture contents of materials tested using contractor elected target density methods C.1(4).2.2 or C.1(4).2.3 cannot exceed 2.0 percentage points of the optimum moisture content or 2.0 percentage points of the target moisture content, respectively. Density tests on materials using contractor elected target density methods C.1(4).2.2 or C.1(4).2.3 will not be considered for lot compaction acceptance until the moisture content of the corresponding density test of the in-place material is less than 2.0 percentage points above of the optimum moisture content or 2.0 percentage points of the target moisture content, respectively.

D Measurement

- (1) The department will measure QMP Base Aggregate Dense 1 1/4-Inch Compaction by the ton, acceptably completed. The measured tons of QMP Base Aggregate Dense 1 1/4-Inch Compaction equals the tons of Base Aggregate Dense 1 1/4-Inch acceptably completed, regardless of placement location and density testing eligibility.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
371.1000.S	QMP Base Aggregate Dense 1 1/4-Inch Compaction	TON

- (2) Payment is full compensation for performing compaction testing; for sampling and laboratory testing; and for developing, completing, and documenting the compaction quality management program. The department will pay separately for providing aggregate under the Base Aggregate Dense 1 1/4-Inch bid item.

stp-370-010 (20171130)

36. Asphaltic Mixture For Extreme Conditions, Item 450.1100.S.

A Description

This special provision describes assigning responsibility for extreme weather paving to the department.

This special provision applies only to work done under standard spec 450 through 490 that the contract requires to be performed within the following prescribed times:

- In the northern asphalt zone: between November 1 and April 15 inclusive.
- In the southern asphalt zone: between November 15 and April 1 inclusive.
- When ambient temperatures are less than 36 F for upper layers, 32 F for lower layers, and the contractor is asked to pave.

CMM 4-53 figure 2 defines asphalt zones.

This special provision applies only to following work:

DESCRIPTION	LOCATION
Temporary Median Crossover, Constructed Substage 1A	Station 258+00 'TEB1' to Station 260+00 'TEB1'
Temporary Median Crossover, Constructed Substage 1A	Station 273+50 'TEB1' to Station 276+50 'TEB1'

B Materials

Conform to the materials requirements of standard spec 450 through 490 as modified in other contract special provisions for work specified in A.

C Construction

Conform to the construction requirements of standard spec 450 through 490 as modified in other contract special provisions for work specified in A, and as follows:

Delete standard spec 450.3.2.1.1(1) and 450.5.2(3).

Replace standard spec 450.3.2.1.2.2(2) with the following:

- (2) Engineer written acceptance is required for the cold weather paving plan. Engineer acceptance of the plan does not relieve the contractor of responsibility for the quality of HMA pavement placed in cold weather except as specified in E.

D Measurement

The department will measure Asphaltic Mixture For Extreme Conditions by the ton placed for work specified in A. The department will only measure work performed under standard spec 460, 465, and related special provision bid items if that work conforms to an engineer-accepted cold weather paving plan.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
450.1100.S	Asphaltic Mixture For Extreme Conditions	TON

Payment for Asphaltic Mixture For Extreme Conditions is full compensation for additional materials and equipment required for operations in extreme conditions for work specified in A.

The department will not assess disincentives for density or ride deficiencies the engineer attributes to cold weather paving. The department is responsible for damage or defects the engineer attributes to temperature or other extreme conditions. The department will pay separately for repairing this damage or these defects as extra work.

The department will pay separately for work done under standard spec 450 through 490 and associated special provisions. The department will not pay separately for the HMA Cold Weather Paving bid item for work specified in A.

stp-450-010 (20170615)

37. Reheating HMA Pavement Longitudinal Joints, Item 460.4110.S.

A Description

This special provision describes reheating the abutting edge of the previously compacted layer in the adjacent lane while paving mainline asphalt pavements.

B (Vacant)

C Construction

C.1 Equipment

Provide a self-contained heating unit that heats by convection only. Do not use forced air to enhance the flame. Provide a fireproof barrier between the flame and the heater's fuel source. The heater must produce a uniform distribution of heat within the heat box. Provide automatic controls to regulate the heater output and shutoff the heater when the paver stops, or the heater control system loses power.

Mount the heater on the paver inside the paver's automatic leveling device.

C.2 Reheating Joints

Evenly reheat at least an 8 inch (200 mm) wide strip of the previously compacted layer in the adjacent lane as follows:

- Reheat the joint to within 60 degrees F (15 degrees C) of the mix temperature at the paver auger. Measure joint temperature immediately behind the heater.

The engineer may allow the required joint reheat temperatures to be cooler than specified to adjust for weather, wind, and other field conditions. Coordinate the heater output and paver speed to achieve the required joint reheat temperature without visible smoke emission.

D Measurement

The department will measure Reheating HMA Pavement Longitudinal Joints by the linear foot, acceptably completed as measured along each joint for each layer of asphalt placed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
460.4110.S	Reheating HMA Pavement Longitudinal Joints	LF

Payment is full compensation for all the work required under this bid item.

stp-460-015 (20140630)

38. Bar Steel Reinforcement HS Stainless Structures, Item 505.0800.S.

A Description

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

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 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.

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.

stp-505-505 (20141107)

39. Surface Drain Pipe Corrugated Metal Slotted, 18-Inch, Item 521.2005.S.

A Description

This special provision describes furnishing and installing slotted corrugated metal pipe surface drain as the plans show.

Conform to standard spec 521 as modified in this special provision.

B Materials

Furnish backfill material that is grade A, A-FA, A-S, A-T, A-IS, A-IP, or A-IT concrete conforming to standard spec 501.2 as modified in standard spec 716. Provide QMP for class III ancillary concrete as specified in standard spec 716.

C Construction

Before backfilling, plug the upper end of the slotted drain as the plans show or as approved by the engineer.

Before backfill operations adjacent to the slotted area of the slotted corrugated metal pipe surface drain pipe, install timber blocks in the slots according to the plan details. Remove any material entering the pipe at no expense to the department.

Keep the timber blocks in place until final clean up operations are completed; at which time, remove the timber blocks.

Exercise care to avoid damage to the slotted corrugated metal pipe surface drain pipe. If any section of pipe is damaged or is unsatisfactory as determined by the engineer, replace the drain pipe at no expense to the department.

D Measurement

The department will measure Surface Drain Pipe Corrugated Metal Slotted (size), completed according to the contract and accepted, in place by the linear foot.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
521.2005.S	Surface Drain Pipe Corrugated Metal Slotted 18-Inch	LF

Payment is full compensation for furnishing all materials; hauling and placing the pipe, including bands; making connections to existing inlets; furnishing concrete, end plug or cap; and for cleaning out and restoring site of work.

stp-521-005 (20150630)

40. Cover Plates Temporary, Item 611.8120.S.

A Description

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

B Materials

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

C (Vacant)

D Measurement

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

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
611.8120.S	Cover Plates Temporary	EACH

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

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

stp-611-006 (20151210)

41. Pipe Underdrain 6-Inch.

Perform the work in accordance with standard specification 612 and as hereinafter provided:

This item shall include providing Geotextile Fabric Type DF Schedule B conforming to the pertinent requirements of section 645.2.1 and 645.2.4 of the standard specs and coarse aggregate size No. 1 conforming to the pertinent requirements of section 501.2.5.4 of the standard specs.

Payment is full compensation for providing and placing all materials, including pipe underdrain, geotextile fabric, aggregate, backfill, connections, fittings, and caps or plugs; for all excavating, recompacting, disposing of surplus material, and restoring the work site.

42. Fence Safety, Item 616.0700.S.

A Description

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

B Materials

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

Furnish fence fabric meeting the following requirements.

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

C Construction

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

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

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

D Measurement

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

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
616.0700.S	Fence Safety	LF

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

stp-616-030 (20160607)

43. Stone or Rock Ditch Checks, Item 628.7515.S.

A Description

This special provision describes furnishing and installing stone or rock ditch checks as the plans show or as the engineer directs.

B Materials

Provide materials conforming to size requirements for size no. 2 coarse aggregate for concrete masonry or riprap according to the standard spec 501.2.5.4.5. Railroad ballast or breaker run stone conforming to the following applicable gradations may also be used:

Railroad Ballast

Sieve Size	Percent by Weight Passing
2 Inch	100
1 Inch	20 – 55
3/8 Inch	0 -5

Breaker Run Stone

Sieve Size	Percent by Weight Passing
5 Inch	100
1½ Inch	0 – 50
3/8 Inch	0 - 5

Incorporate stone or rock in the ditch checks that is hard, sound, and durable, and meets the approval of the engineer.

C Construction

Place stone or rock ditch checks immediately after shaping of the ditches or slopes is completed. Place stone or rock ditch checks at right angles to the direction of flow and construct to the dimensions and according to the details the plans show.

Remove sediment from behind the stone or rock ditch checks when it has accumulated to one half of the original height of the dam.

D Measurement

The department will measure Stone or Rock Ditch Checks in volume by the cubic yard of material incorporated in the work.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
628.7515.S	Stone or Rock Ditch Checks	CY

Payment is full compensation for furnishing, producing, crushing, loading, hauling, placing, and shaping and maintaining Stone or Rock Ditch Check.

The quantity of sediment removed shall be multiplied by a factor of ten and paid for as Excavation Common.

stp-628-050 (20170615)

44. 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)

45. Temporary Portable Rumble Strips, Item 643.0310.S.

A Description

This special provision describes providing, relocating, maintaining, and removing temporary portable rumble strips.

B Materials

Furnish RoadQuake2 or Roadquake2F temporary portable rumble strips, by Plastic Safety Systems. Do not use alternate products or methods without preapproval by the Bureau of Traffic Operations.

C Construction

C.1 Placement

Provide rumble strips where the plans show, or the engineer directs as follows:

1. Before placing rumble strips, clean the roadway of sand and other materials that may cause slippage.
2. Place one end of the rumble strips 6 inches from the roadway centerline. Extend the strips perpendicular to the direction of travel. Ensure strips lay flat on the roadway surface.
3. Only one series of rumble strips, placed before the first work zone, is required per direction of travel for multiple work zones spaced 1 mile or less apart. Work zones spaced greater than 1 mile apart require a separate series of rumble strips.

C.2 Maintenance

Maintain rumble strips as follows:

1. If rumble strips slide, become out of alignment, or are no longer in the wheel path of approaching vehicles during the work period, thoroughly clean both sides of the rumble strips and reset on a clean roadway.
2. Repair or replace damaged rumble strips immediately.

D Measurement

The department will measure temporary portable rumble strips as a single 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
643.0310.S	Temporary Portable Rumble Strips	LS

Payment is full compensation for providing, relocating, maintaining or replacing, and removing temporary portable rumble strips.

stp-643-020 (20161130)

46. 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 Conduit Rigid Nonmetallic Schedule 40 2-Inch, 1 conduit run, 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)

47. 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

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 in accordance with 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.	≤5
1 in.	≤16
3/4 in.	≤20
1/2 in.	4-20
3/8 in.	4-20
No. 4	4-20
No. 8 ^[1]	≤12
No. 16 ^[1]	≤12
No. 30 ^{[1][2]}	4-20
No. 50 ^[2]	4-20
No. 100 ^[2]	≤10
No. 200 ^[2]	≤2.3

^[1] Minimum of 15% retained on the sum of the #8, #16, and #30 sieves.

^[2] Conform to 24-34% retained of fine sand on the #30-200 sieves.

TABLE 2 JMF WORKING RANGE

SIEVE SIZES	WORKING RANGE ^[1] (PERCENT)
2 in.	+/- 5
1 1/2 in.	+/- 5
1 in.	+/- 5
3/4 in.	+/- 5
1/2 in.	+/- 5
3/8 in.	+/- 5
No. 4	+/- 5
No. 8	+/- 4
No. 16	+/- 4
No. 30	+/- 4
No. 50	+/- 3
No. 100	+/- 2
No. 200	≤ 2.3

^[1] Working range limits of composite gradation based on moving average of 4 tests.

Replace standard spec 710.5.6 with the following:

Determine the complete gradation, including P200, using a washed analysis for both fine and coarse aggregates. Test each stockpile for each component aggregate once per 1,500 cubic yards during concrete production.

Take samples by one of the following sampling methods:

1. At the belt leading to the weigh hopper.
2. Working face of the stock piles at the concrete plant if approved by the engineer.

The department will take independent QV samples using the same sampling method the contractor uses for QC sampling. QV samples may be taken by the contractor's QC personnel if witnessed by the department's QV personnel. The department will split each QV sample and retain half for all dispute

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 (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 (20181119)		

48. 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 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 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)

49. Inlets Temporary, Item SPV.0060.01.

A Description

This special provision consists of evaluation and taking measurements to determine inlet dimensions, then furnishing, installing and removing temporary inlets, including excavation and backfill, at the locations shown in the plan and as directed by the engineer.

B Materials

Furnish materials adequate to maintain the drainage, withstand expected structural loading, and acceptable to the engineer.

C Construction

Excavate for and install inlets at locations shown in the plan, in a manner adequate to maintain the drainage, carry the expected structural loading, and acceptable to the engineer. Construct connections between inlets and pipe to keep the drainage enclosed during staged construction. Provide covers for inlets, as shown in the plans. After their service is complete, remove and dispose of inlets, and backfill vacated sites.

D Measurement

The department will measure Inlets Temporary as individual units, 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	Inlets Temporary	EACH

Payment is full compensation for evaluation and taking measurements to determine the size; for furnishing, installing, maintaining, removing, and disposing of inlets, including covers; for excavation required to install inlets, and backfilling after removal of inlets.

The department will pay separately for Construction Staking Storm Sewer.

50. Landmark Reference Monuments Special, Item SPV.0060.02.

A Description

This special provision describes preserving the location and constructing new reference monuments for existing Public Land Survey System (PLSS) section corner monuments within the proposed construction limits.

B Materials

The department can furnish aluminum monument caps if necessary. Otherwise, all materials for the monumentation and witness ties will be the responsibility of the contractor to provide. Any monuments that satisfy Wisconsin Administrative Code Chapter AE-7 will be acceptable.

C Construction

Complete the work according to the pertinent requirements of standard spec 621.3 and as follows:

Obtain existing tie sheets from Dane County Surveyor Dan Frick. Locate and verify existing PLSS monuments and ties. Furnish, and install if necessary, temporary and/or permanent ties. Provide a temporary tie sheet to the department and the Dane County Surveyor, for use by the public during the construction phase of the project and before the final monumentation is complete.

Perpetuate and/or reset all PLSS monuments and witnesses under the direction of a State of Wisconsin Licensed Professional Land Surveyor. Prepare the temporary and final PLSS monument records according to the Wisconsin Administrative Code Chapter AE-7. Prepare and File new monument records with the Dane County Surveyor according to AE-7 and provide a copy of the same to the Wis-DOT SW Region-Madison Survey Coordinator. This work shall be overseen and completed by a State of Wisconsin Licensed Professional Land Surveyor.

At the request of Dane County Surveyor, Dan Frick, monument records shall include Dane County Coordinate values and list the full datum tag.

The approximate location of the section corners that will likely be disturbed due to the proposed construction:

Landmark Reference Monument

Station	Offset	Township	Range	Section Corner
154+65.73EB	9.09' LT	T8N/T9N	R10E	MC Sect 6/31 (Alum Mon)
177+85.78EB	59.09' LT	T8N	R10E	Sect 6 (Conc Mon)
178+63.51EB	58.91' LT	T9N	R10E	Sect 31 (Conc Mon)

Notify the Dane County Surveyor and WisDOT/SW Region-Madison Survey Coordinator five working days prior to construction operations that may disturb existing monuments, with pertinent questions or for department provided monument caps.

D Measurement

The department will measure Landmark Reference Monuments Special by each unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.02	Landmark Reference Monuments Special	EACH

Payment is full compensation for furnishing a Professional Land Surveyor; obtaining existing PLSS monument record tie sheet(s); preparing, providing and filing temporary/final PLSS monument record tie sheet(s) from a Professional Land Surveyor; all survey work related to the perpetuation process; the furnishing and placing of all PLSS survey monuments; the furnishing and placement of any necessary witness ties; the removal of the existing monument(s) if necessary; and excavating for the placement of the new monument(s) if necessary.

51. Verify Landmark Reference Monuments Special, Item SPV.0060.03.

A Description

This special provision describes verifying, restoring, and preserving reference (witness) monuments for existing U.S. public land survey corners.

B Materials

Provide reference monument materials that satisfy Wisconsin Administrative Code Chapter A-E 7.07. The department will furnish aluminum monument caps if requested.

C Construction

Complete work under the direction of a Registered Land Surveyor in the state of Wisconsin, according to the pertinent requirements of standard spec 621.3 and as follows.

Obtain existing tie sheets from the county surveyor. Locate and verify existing U.S. public land survey corner monuments and reference ties to at least 4 reference monuments. Restore or reestablish missing or damaged reference monuments.

If required, install temporary reference monuments for construction. Provide a temporary tie sheet to the department and the county surveyor for use by the public during the construction phase of the project and before final monumentation is complete.

Prepare and file final U.S. public land survey monument records according to the Wisconsin Administrative Code Chapter A-E 7.08. Provide a copy to the WisDOT SW Region Madison Survey Coordinator.

D Measurement

The department will measure Verify Landmark Reference Monuments Special by each U.S. public land survey corner, acceptably verified, tied and preserved.

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	Verify Landmark Reference Monuments Special	EACH

Payment is full compensation for obtaining existing tie sheets; for locating and preserving corner monuments; for locating, verifying, restoring and preserving reference monuments; for providing reference monument materials; for temporary reference monuments; and for preparing and filing final monument records.

Restoring or reestablishing missing or damaged survey corners will be considered extra work. Replacing survey corners damaged due to construction operations is incidental to the contract.

(SWR 621.03-20171023)

At the request of Dane County Surveyor Dan Frick, monument records shall include Dane County Coordinate values and list the full datum tag.

52. Temporary Sediment Basin, Item SPV.0060.04.

A Description

This special provision describes excavating and constructing temporary sediment basins as shown on the plans or as directed by the engineer, or both, and as hereinafter provided.

B Materials

Furnish select crushed material that conforms to the pertinent requirements of the standard spec.

Furnish backfill material with similar engineering properties to the existing native soils excavated for the sediment basins. Backfilling with the same excavated material will be allowed.

C Construction

Notify the engineer sufficiently before beginning excavation for the sediment basins so the engineer may take elevations and measurements of the existing ground before disturbance.

Excavate all materials to depth, width, and slopes as the plans show and as directed by the engineer. The engineer may change the depth and width of the basins to fit field conditions.

Place select crushed material according to the plans and/or as directed by the engineer.

Remove sediment from the sediment basin when it has accumulated to one half of the basin depth.

When the temporary sediment basin is no longer needed, as directed by the engineer, backfill the excavated area to the original ground elevation or to the new ditch/channel elevation shown in the plans or as directed by the engineer.

D Measurement

The department will measure Temporary Sediment Basin as each individual temporary sediment basin, 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	Temporary Sediment Basin	EACH

Payment is full compensation for excavating and disposing of excavated material; for temporary storage of excavated material; for select crushed material; for furnishing backfill; and for backfilling the excavated basin including backfilling with the excavated material.

The department will pay for the removal and disposal of accumulated sediment and maintaining the basin under the bid item Cleaning Sediment Basins.

53. Asphaltic Curb Temporary, Item SPV.0090.01.

A Description

This special provision describes constructing asphaltic curb at the location shown in the plan and removing it when EB STH 19 is shifted to another location.

B Materials

Furnish materials conforming to standard spec 465.2 (2) for temporary pavement.

C Construction

Perform work in conformance to standard spec 465.3.2. Approximate the shape of the existing concrete curb head matched into.

D Measurement

The department will measure Asphaltic Curb Temporary by the linear foot, acceptably completed, measured along the base of the curb face.

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	Asphaltic Curb Temporary	LF

Payment is full compensation for compacting the mixture; for forming the curb; and for removing and disposing of the curb.

The department will pay separately for the required asphaltic material under Asphaltic Surface Temporary.

54. Fill Existing Rumble Strips, Item SPV.0090.02.

A Description

This special provision describes filling the existing rumble strips prior to shifting traffic and resurfacing. The intent is to fill the rumble strip indentations so that the traffic can safely navigate through the work zone. Perform this work according to the plan details and herein after provided.

B Materials

Furnish asphaltic mixture meeting the requirements specified for Type E-10 under standard spec 460.2; except the engineer will not require the contractor to conform to the quality management program specified under standard spec 460.2.8.

C Construction

Clean, fill, and compact the rumble strip indentations using methods that will provide a sound smooth surface which will handle traffic and not leave a detrimental residue on the surface. Special care to limit the splatter of asphaltic material onto existing concrete is required.

D Measurement

The department will measure Fill Existing Rumble Strip by the linear foot, acceptably completed, measured as the length along the side of the traveled way, from the center of the first rumble strip groove filled in a segment to the center of the last rumble strip groove filled in the segment.

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	Fill Existing Rumble Strips	LF

Payment is full compensation for providing all materials.

55. Restore Existing Rumble Strips, Item SPV.0090.03.

A Description

This special provision describes restoring the previously filled existing rumble strips due to traffic control needs. The intent is to restore the rumble strip indentations to requirements outlined in the standard specifications and standard detail drawings. Perform this work according to the plan details and herein after provided.

B (Vacant)

C Construction

Remove the material from the existing rumble strip while not damaging the integrity, dimensions, and performance according to the standard detail drawings, and standard spec 416 and 465. Remove any excess asphaltic residue remaining on the existing concrete pavement outside of the rumble strips. If damaged, repairs to the existing rumble strips are incidental to the contract.

D Measurement

The department will measure Restore Existing Rumble Strips by the linear foot, acceptably completed, measured as the length along the side of the traveled way, from the center of the first rumble strip groove filled in a segment to the center of the last rumble strip groove filled in the segment.

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	Restore Existing Rumble Strips	LF

Payment is full compensation for providing all materials; removal of asphaltic rumble strip fillings, containment of the asphalt during removal operations; and for properly disposing of all materials.

56. Walking Path, Item SPV.0105.01.

A Description

This special provision describes the construction of a walking path from the parking lot to the Yahara River to connect into the proposed canoe and kayak launch at the edge of the river located within the Wisconsin Department of Natural Resources (DNR) Cherokee Marsh Fishery Area.

B Materials

Furnish wood chips for the surface of the path and obtain two boulders from the river to place at the entrance to the path. Furnish the following materials according to the applicable sections of the standard specifications. Furnish Geotextile Fabric Type SAS according to standard spec 645.2, Base Aggregate Dense 1 ¼-Inch according to standard spec 301.2, Salvaged Topsoil according to standard spec 625.2, and Seeding Mixture No. 20 according to standard spec 630.2.

C Construction

Clear and grub, grade, and place earth fill to meet the grades provided in the plans. Install boulders on each side of the path entrance adjacent to the parking lot. After construction of the path, place topsoil and seed as necessary.

Contact Brandon Braithwaite from the DNR at (608) 275-3232; Brandon.Braithwaite@wisconsin.gov a minimum of one week prior to starting work on the path to discuss the design details.

D Measurement

The department will measure Walking Path as a single complete 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.0105.01	Walking Path	LS

Payment is full compensation for coordinating with DNR staff; for excavation and grading of the path; for furnishing and installing wood chips; for obtaining and installing boulders.

The department will pay separately for associated work as follows:

- For clearing and grubbing, under the Clearing and Grubbing bid items.
- For borrow material, under the Borrow item.
- For geotextile fabric, under the Geotextile Fabric Type SAS bid item.
- For crushed aggregate base course, under the Base Aggregate Dense 1 ¼-Inch bid item.
- For required topsoil, under the Salvaged Topsoil bid item.
- For required erosion control under the applicable bid items.
- For required seeding, under the Seeding Mixture No. 20.

57. Canoe and Kayak Launch, Item SPV.0105.02.

A Description

This special provision describes the construction of a canoe and kayak launch at the edge of the Yahara River within the Wisconsin Department of Natural Resources (DNR) Cherokee Marsh Fishery Area.

B Materials

Furnish the following materials according to the applicable sections of the standard specifications. Furnish Geotextile Fabric Type SAS according to standard spec 645.2, Base Aggregate Dense, 1 ¼ Inch according to standard spec 301.2, Salvaged Topsoil according to standard spec 625.2, and Seeding Mixture No. 20 according to standard spec 630.2. Utilize existing boulders located along the river bank.

C Construction

Construct as detailed in the plans. Remove all tree branches within 10 feet horizontally and vertically from the edge of the launch. Remove muck from the walk-in area along the river to the dimensions shown on the plans and to a depth up to 12 inches. Place the geotextile fabric over the excavated area and crushed aggregate base course over the top of the fabric, and place 2 boulders on each side of the walk-in area. Grade and shape the area to fit the existing terrain and place topsoil and seed as necessary.

Contact Brandon Braithwaite from the DNR at (608) 275-3232; Brandon.Braithwaite@wisconsin.gov a minimum of one week prior to starting work on the launch to discuss the design details.

D Measurement

The department will measure Canoe and Kayak Launch as a single complete 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.0105.02	Canoe and Kayak Launch	LS

Payment is full compensation for coordinating with DNR staff; for clearing and grubbing; for removing tree branches adjacent to the stream; for grading the launch area; and for removing and disposing of muck material from the stream.

The department will pay separately for associated work as follows:

- For geotextile fabric, under the Geotextile Fabric Type SAS bid item.
- For crushed aggregate base course, under the Base Aggregate Dense 1 ¼-Inch bid item.
- For required topsoil, under the Salvaged Topsoil bid item.
- For required erosion control under the applicable bid items.
- For required seeding, under the Seeding Mixture No. 20.

58. Installing Furnished Dane County Parks Kiosk, Item SPV.0105.03.

A Description

This special provision describes the installation of a kiosk for the Cherokee Marsh Natural Resource Area to be provided by Dane County Parks.

B Materials

The kiosk materials will be provided by Dane County Parks and consist of a double-sided kiosk with a roof and two posts as shown in the plans. Dane County will deliver to the project site with the panel doors attached to the kiosk frame. Contact Sara Rigelman with Dane County Parks at (608) 224-3611; rigelman@countyofdane.com a minimum of 2 months prior to the installation to coordinate the delivery of the materials to the project site and confirm the proposed location. Concrete required for the circular pad shall conform to standard spec 501 and structure backfill shall conform to standard spec 210.

C Construction

Grade the area for the kiosk and excavate 18-inch holes for the posts as shown in the plans. Fill holes with concrete and place a 3-inch layer of structure backfill on top. Place expansion material around the posts and construct a 6-inch thick circular concrete pad as shown in the plans. Attach the roof to the posts after the posts are installed. Perform all work according to standard spec 637 and the plan details.

D Measurement

The department will measure Installing Furnished Dane County Parks Kiosk as a single complete 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.0105.03	Installing Furnished Dane County Parks Kiosk	LS

Payment is full compensation for coordinating with Dane County staff; for grading the area; for excavating the holes, installing the posts and kiosk frame; for furnishing and placing concrete for the pad and the post holes; for furnishing and placing structure backfill and expansion material, and for attaching the roof to the posts.

59. Installing Furnished Dane County Parks Sign, Item SPV.0105.04.

A Description

This special provision describes the installation of an entrance sign for the Cherokee Marsh Natural Resource Area to be provided by Dane County Parks.

B Materials

The sign and posts will be provided by Dane County Parks and consist of a double-sided sign with posts as shown in the plans. Dane County will deliver to the project site. Contact Sara Rigelman with Dane County Parks at (608) 224-3611; rigelman@countyofdane.com a minimum of two months prior to the installation to coordinate the delivery of the materials to the project site and confirm the proposed location.

C Construction

Grade the area for the sign at the location shown in the plans. Install posts and bolt sign to posts. Perform all work according to standard spec 637 and the plan details.

D Measurement

The department will measure Installing Furnished Dane County Parks Sign as a single complete 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.0105.04	Installing Furnished Dane County Parks Sign	LS

Payment is full compensation for coordinating with Dane County staff, for grading the area; for installing the posts; and for attaching the sign to the posts.

60. Remove and Reinstall Loop Detector Wire and Lead-In Cable, Item SPV.0105.06.

A Description

This special provision describes removing and reinstalling loop detector wire and lead-in cable at the intersection of STH 19 and SB IH 39/90/94 to accommodate the construction efforts occurring on STH 19. Electrical wiring shall be handled according to the pertinent provisions of standard spec 204 and 652 and as hereinafter provided. This bid item includes the removal and reinstallation of loop detector wire and lead-in cable at the intersection.

B Materials

The contractor shall supply any incidental materials required to complete the work described in this special provision according to the pertinent provisions of WisDOT standard spec 652. These materials include replacement of any item damaged as a result of the salvage of the wiring during construction.

C Construction

Prior to removal from its existing location, inspect and provide a list of any damaged or non-working loop detector wire and lead-in cable to the engineer. Any equipment not identified as damaged or not working shall be replaced by the contractor at no cost to WisDOT.

Carefully disconnect and remove the loop detector wire and lead-in cable associated with loop detectors 61, 62, and 63 as shown in the plans. Pull the loop detector wire and lead-in cable back to pull box 'PB20' to and store the cabling there until the construction efforts on STH 19 are complete and the new conduit loop detector and pull boxes have been installed. Ensure that the pull box (PB20) housing the loop

detector wire and lead-in cable and all associated hardware remains intact during construction and is not disrupted as a result of construction.

Reinstall all items according to the pertinent provisions of WisDOT standard spec 652 after the construction of the new pull boxes (PB21, PB22, and PB23) and loop detectors (61, 62, and 63).

D Measurement

The department will measure Remove and Reinstall Loop Detector Wire and Lead-In Cable as a single 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
SPV.0105.06	Remove and Reinstall Loop Detector Wire and Lead-In Cable	LS

Payment is full compensation for removing and reinstalling all materials associated with the loop detector wire and lead-in cable during construction.

61. Install State Furnished CAT5E Cable, STH 19 & Liuna Way/Tierney Crossing, Item SPV0105.07.

A Description

This special provision describes installing State-Furnished CAT5E Cable for the video cameras at the intersection of STH 19 & Liuna Way/Tierney Crossing.

B Materials

The department will supply the contractor with CAT5E Cable to be used to connect the video cameras at the intersection.

C Construction

The contractor shall collect the CAT5E Cable from the WisDOT Electrician (Dale Roth, (605) 516-6435) by contacting him three days before the material is to be installed. The contractor is to take care of installing the cable by avoiding kinks in the cable along the interconnect route. The contractor shall leave 3 feet of cable in each pull box, 20 feet of additional cable in the cabinet and 50 feet in the monotube pole that the camera is attached to.

D Measurement

The department will measure Install State-Furnished CAT5E Cable as a single lump sum unit of work for each intersection, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.07	Install State-Furnished CAT5E Cable, STH 19 & Liuna Way/Tierney Crossing	LS

Payment is full compensation for picking-up, delivering and installing all materials associated with the CAT5E Cable during construction.

**ADDITIONAL SPECIAL PROVISION 1 (ASP 1)
FOR TRANSPORTATION ALLIANCE FOR NEW SOLUTIONS (TrANS)
PROGRAM EMPLOYMENT PLACEMENTS AND APPRENTICESHIPS**

The Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), Section 5204(e) – Surface Transportation Workforce Development Training and Education, provides for 100 percent Federal funding if the core program funds are used for training, education, or workforce development purposes, including “pipeline” activities. The core programs includes: Congestion Mitigation and Air Quality Improvement (CMAQ) Program, Highway Bridge Program (HBP), Interstate Maintenance (IM), National Highway System (NHS), and Surface Transportation Program (STP). These workforce development activities cover surface transportation workers, including OJT/SS programs for women and minorities as authorized in 23 U.S.C. §140(b).

TrANS is an employment program originally established in 1995 in Southeastern Wisconsin. Currently TrANS has expanded to include TrANS program locations to serve contractors in Southeast (Milwaukee and surrounding counties), Southcentral (Dane County and surrounding counties including Rock County), and most Northeastern Wisconsin counties from locations in Keshena, Rhinelander and surrounding far Northern areas. TrANS attempts to meet contractor’s needs in other geographic locations as possible. It is an industry driven plan of services to address the outreach, preparation, placement and retention of women, minorities and non-minorities as laborers and apprentices in the highway skilled trades. These candidate preparation and contractor coordination services are provided by community based organizations. For a list of the TrANS Coordinators contact the Disadvantaged Business Enterprise Office at (414) 438-4583 in Milwaukee or (608) 266-6961 in Madison. These services are provided to you at no cost.

I. BASIC CONCEPTS

Training reimbursements to employing contractors for new placements, rehires or promotions to apprentice of TrANS Program graduates will be made as follows:

- 1) **On-the-Job Training, Item ASP.1T0G, ASP 1 Graduate.** At the rate of \$5.00 per hour on federal aid projects when TrANS graduates are initially hired, or seasonally rehired, as unskilled laborers or the equivalent.

Eligibility and Duration: To the employing contractor, for up to 2000 hours from the point of initial hire as a TrANS program placement.

Contract Goal: To maintain the intent of the Equal Employment Opportunity program, it is a goal that 4 (number) TrANS Graduate(s) be utilized on this contract.

- 2) **On-the-Job Training, Item ASP.1T0A, ASP 1 Apprentice.** At the rate of \$5.00 per hour on federal aid projects at the point when an employee who came out of the TrANS Program is subsequently entered into an apprenticeship contract in an underutilized skilled trade (this will include the Skilled Laborer Apprenticeship when that standard is implemented).

Eligibility and Duration: To the employing contractor, for the length of time the TrANS graduate is in apprentice status.

Contract Goal: To maintain the intent of the Equal Employment Opportunity program, it is a goal that 5 (number) TrANS Apprentice(s) be utilized on this contract.

- 3) The maximum duration of reimbursement is two years as a TrANS graduate plus time in apprentice status.
- 4) If a TrANS program is not available in the contractor's area and another training program is utilized, payment of On-the-Job Training hours may be approved by the Wisconsin Department of Transportation (WisDOT) if the training program meets the established acceptance criteria. Only On-the-Job Training Hours accumulated after WisDOT approval will be reimbursed as specified under Items ASP.1T0G and ASP.1T0A. For more information, contact the Disadvantaged Business Enterprise Office at the phone numbers listed above.
- 5) WisDOT reserves the right to deny payments under items ASP.1T0G and ASP.1T0A if the contractor either fails to provide training or there is evidence of a lack of good faith in meeting the requirements of this training special provision.

I. RATIONALE AND SPECIAL NOTE

The \$5.00 per hour now being paid for TrANS placements is intended to cover the duration of two years to allow for reaching entry-level laborer status. An additional incentive, the \$5.00 rate, would promote movement into the underutilized skilled trades' apprenticeships and applies until the individual completes their apprenticeship. These incentives benefit TrANS candidates by giving them a better opportunity to enter a skilled trade; benefits contractors who will be assisted in meeting their EEO profiles and goals; and benefits the public who will see the program reinforce larger public-private employment reform in Wisconsin. The pool of TrANS graduates was created for the purpose of addressing underutilization in the skilled trades, an objective that is further reinforced by a parallel retention pilot program, known as the Companywide Reporting. *Whether or not reimbursement is involved, the WisDOT reassures contractors who are in the Companywide Program that TrANS placements still contribute toward fulfilling the new hire goal of 50% women and minorities.* Based on data administered by United States Department of Labor (US DOL), the highway skilled trades remain underutilized for women statewide (less than 6.9%); and for minorities in all counties (% varies by county).

NOTE: *Unless using other advancement strategies, contractors are encouraged to use some or all of this monetary incentive to offset the cut in hourly wages an individual may incur when entering an apprenticeship if the full general laborer hourly rate has been previously paid. No special accounting measures are required.*

II. IMPLEMENTATION

The implementation of ASP 1 is intended to cover only the amount of time it takes for underutilization to be resolved across the trades. This will be measured annually at the county and/or state levels using data administered by WisDWD in relation to goals set by the USDOL-

OFCCP. With appropriate state and federal approvals, we may also do some measurement at the company level.

It is the contractor's responsibility to note on their Certified Payrolls if their employee is a TrANS graduate or a TrANS apprentice. The District EEO Coordinators utilize the information on the Certified Payrolls to track the hours accumulated by TrANS Graduates and TrANS apprentices on WisDOT contracts. Payment under this ASP 1 is made based on the hours recorded off of the Certified Payrolls. Tracking may eventually include improved linkages with the WisDWD apprentice database, information from company and committee level sources.

TrANS is nondiscriminatory by regulation, and is a tool for optional use by contractors to address the underutilization of women and minorities as laborers and apprentices in our industry's skilled trades.

IV. TRANS TRAINING

As part of the contractor's equal employment opportunity affirmative action program, training shall be provided to employees enrolled in apprenticeship and on-the-job training programs as follows:

The contractor shall provide on-the-job training aimed at developing full journey workers in the type of trade or job classifications involved. In the event the contractor subcontracts a portion of the contract work, the contractor shall determine how many, if any, of the trainees are to be trained by the subcontractor provided, however, that the contractor shall retain the primary responsibility for meeting the training requirements imposed by this special provision. The contractor shall also insure that this training special provision is made applicable to such subcontract.

Training and upgrading of minorities and women toward journey workers status is a primary objective of this training special provision. Accordingly, the contractor shall make every effort to enroll minority trainees and women (e.g., by conducting systematic and direct recruitment through public and private sources likely to yield minority trainees and women trainees); to the extent such persons are available within a reasonable area of recruitment. The contractor will be given an opportunity and will be responsible for demonstrating the steps that they have taken in pursuance thereof, prior to determination as to whether the contractor is in compliance with this training special provision. This training commitment is not intended, and shall not be used, to discriminate against any applicant for training, whether a member of a minority group or not.

No employee shall be employed as a trainee in any classification in which they have successfully completed a training course leading to journey workers status or in which they have been employed as a journey worker. The contractor should satisfy this requirement by including appropriate questions in the employee application or by other suitable means. Regardless of the method used, the contractor's records should document the findings in each case.

V. APPRENTICESHIP TRAINING

The Federal Highway Administration's (FHWA) policy is to require full use of all available training and skill improvement opportunities to assure increased participation of minority groups, disadvantaged persons and women in all phases of the highway construction industry. The FHWA On-the-Job Training (OJT) Program requires the State transportation agencies (STAs) to establish apprenticeships and training programs targeted to move women, minorities, and disadvantaged individuals into journey-level positions to ensure that a competent workforce is available to meet highway construction hiring needs, and to address the historical underrepresentation of members of these groups in highway construction skilled crafts.

The OJT Supportive Services (OJT/SS) Program was established in Title 23 Code of Federal Regulations (CFR), Part 230) to supplement the OJT program and support STA training programs by providing services to highway construction contractors and assistance to highway construction apprentices and trainees. The primary objectives of OJT/SS are:

- (1) To increase the overall effectiveness of the State highway agencies' approved training programs.
- (2) To seek other ways to increase the training opportunities for women, minorities, and disadvantaged individuals.

The STAs are responsible for establishing procedures, subject to the availability of Surface Transportation and Bridge Funds under 23 U.S.C. §140(b) (Nondiscrimination), for the provision of supportive services with respect to training programs approved under 23 CFR, Part 230(a) (Equal Employment Opportunity on Federal and Federal-aid Construction Contracts – including Supportive Services).

The contractor and subcontractor shall maintain records to demonstrate compliance with these apprenticeship requirements. Reasonable exemptions and modifications to and from any or all of these requirements will be determined by the Wisconsin Department of Transportation-Civil Rights Office. A request for an exemption or modification, with justification, shall be made in writing, addressed to WisDOT Civil Rights Office, 4802 Sheboygan Avenue, P.O. Box 7965, Rm. 451, Madison, WI 53707.

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 (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.
- (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.
 - 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 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 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. 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

GFW SAMPLE MEMORANDUM

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

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

DBE Contractor Contact Person

Phone: _____

Fax: _____

Email: _____

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 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 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 \$2.15 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:

104.10.2 Submittal and Review of a CRI Concept

Replace paragraph two with the following effective with the July 2019 letting:

- (2) The department will review the CRI concept and, within 10 business days of the contractor's initial submittal, notify the contractor in writing whether the CRI concept has merit and whether the contractor should submit it as a CRI proposal. The contractor and the department can mutually agree to extend this 10-day review requirement. The department will notify the contractor if a professional engineer registered in the state of Wisconsin should seal the CRI proposal. If the department informs the contractor to submit the CRI proposal, the department will share in the cost for developing the CRI proposal as specified in 104.10.4.1(3).
-

107.14 Contractor's Responsibility for Work

Replace the entire text with the following effective with the June 2019 letting:

- (1) Within 107.14, the term "work" is redefined to mean "the work product that is completed in its final position and is incorporated in the project."
 - (2) The contractor shall maintain charge and care of the work until the engineer accepts the work as specified in 105.11. Protect the work against injury or damage caused by public traffic, the action of the elements, or from other causes, whether arising from the execution or non-execution of the work. Rebuild, repair, restore, and make good injuries or damages to work caused by the above at no additional cost to the department.
 - (3) The department will assume responsibility for the work as follows:
 1. Costs the department assumes under 104.6.
 2. Costs to repair bridge damage attributed to public traffic, if the engineer determines that damage was beyond the control of and without the fault of the contractor.
 - (4) The contractor shall not bear the expense for damage to the work caused by abnormal and unforeseeable occurrences beyond the control of, and without the fault or negligence of, the contractor. These abnormal and unforeseeable occurrences include but are not limited to the following:
 1. Cataclysmic phenomena of nature.
 2. Acts of the public enemy.
 3. Acts of government authorities.
 - (5) Before suspending the work, take the necessary precautions to prevent damage to the project, prevent traffic accidents, and provide for normal drainage. Erect necessary temporary barrier, barricades, signs, or other facilities at no expense to the department except as specified in 104.6.
 - (6) The contractor is responsible for all damages to equipment and supplies regardless of the circumstances.
-

107.17.1 General

Replace paragraph seven with the following effective with the December 2018 letting:

- (7) Have a professional engineer registered in the state of Wisconsin sign and seal the shop drawings. At least 30 calendar days before starting falsework, form, or shoring construction; submit a PDF file of shop drawings to the railroad's chief engineering officer and to the engineer. The engineer and the railroad may review the shop drawings. If the engineer or the railroad finds the shop drawings unsatisfactory, the contractor shall make the required changes. A satisfactory shop drawing review does not relieve the contractor of responsibility and liability for the structural integrity and proper functioning of the falsework, forms, or shoring.

109.1.1 General

Replace the entire text with the following effective with the January 2019 letting:

- (1) The engineer will use the US standard system to measure all work completed under the contract. The engineer will determine quantities of materials the contractor furnishes and work the contractor performs using measurement methods and computations conforming to standard engineering practice, modified to meet department requirements. The engineer will document these measurements using department procedures.
- (2) The engineer will measure the work as the contract measurement subsection for individual items specifies. The department will measure the actual quantities of work the contractor acceptably completes and make final payment based on those actual measured quantities except as follows:
 1. If the measurement subsection for a bid item specifically restricts the quantity measured for payment or allows for use of conversion factors.
 2. If the engineer executes a contract change order modifying the method of measurement for specific bid items, the engineer will measure the quantities of applicable bid items for payment using the change order methods.
 3. If the engineer, under 105.3.1(2), approves a contractor-requested plan dimension change between US standard and SI metric dimensions, the engineer will measure whichever of the following is less:
 - Actual quantities constructed.
 - Quantities derived from the original plan dimensions.
 4. For substitutions made under 106.2.3 between US standard and SI metric products, the engineer will measure the actual quantities of the substitute products using the original contract measuring system.

205.5.2 Excavation

Replace the entire text with the following effective with the April 2019 letting:

205.5.2.1 General

- (1) Payment for the Excavation bid items under this section is full compensation for work specified for those excavation classes under 205 with no separate contract bid items; for hauling; and for constructing and removing temporary drainage installations as specified under 205.3.3.
- (2) Payment also includes removing walls, foundations, etc. with no separate contract bid items; for disposal of resulting material; and for backfilling basements or openings resulting from removing walls, foundations, etc.

205.5.2.2 Associated Work

- (1) The department will pay separately for removing concrete structures under the 203 and 204 bid items.
- (2) The department will pay separately for granular backfill the contract or engineer requires under the Backfill Granular bid items.
- (3) The department will pay separately for erosion control, fertilizing, and seeding of material disposal sites as specified for material disposal sites in 628.5.1.
- (4) If the contract does not include the Excavation Rock bid item, the department will pay 5 times the contract bid price of the Excavation Common bid item to remove boulders having volumes of one cubic yard or more. The department will pay for these boulder removals under the Removing Large Boulders administrative item.

205.5.2.3 Excavation Below Subgrade**205.5.2.3.1 General**

- (1) The department will only pay for engineer-approved EBS to correct problems beyond the contractor's control.

205.5.2.3.2 Quantity Overruns

- (1) The department will provide additional compensation for EBS quantity overruns if the following conditions are met:
 - The quantity of engineer-approved EBS, calculated exclusive of work covered under 205.5.2.3.3 or 301.5, exceeds the total contract EBS quantity the earthwork summary sheet shows by more than 25 percent.
 - The material exceeding that 25 percent threshold cannot be disposed of within the project right-of-way.

- (2) The department will pay 2 times the contract unit price, up to \$25,000, for the quantity of EBS meeting the above conditions. After exceeding \$25,000 per contract, the department will pay for additional EBS as determined under 109.4.

205.5.2.3.3 Subgrade Correction

- (1) Work performed under 105.3 to correct unacceptable work is the contractor's responsibility. For EBS work performed where the engineer did not approve the subgrade for subsequent operations, the department will pay for EBS at the contract price under the pertinent excavation and backfill bid items, or absent those bid items as extra work. For EBS work performed where the engineer approved the underlying layers for subsequent operations, the department will pay for EBS as follows:
1. Up to a maximum of \$25,000 per contract, the department will pay as follows:
 - 1.1 For excavation: 3 times the contract unit price for the Excavation Common bid item under the EBS Post Grading administrative item.
 - 1.2 For backfill with the materials the engineer directs: at the contract unit price for the bid items of each material used to fill the excavation.
 - 1.3 For excavation or backfill without contract bid items: as extra work.
 2. After exceeding \$25,000 per contract, the department will pay for additional EBS in engineer-approved areas as determined under 109.4.
-

305.2.1 General

Replace paragraph two with the following effective with the December 2018 letting:

- (2) Where the contract specifies or allows 1 1/4-inch base, do not place reclaimed asphalt, reprocessed material, or blended materials below virgin aggregate materials unless the contract specifies or the engineer allows in writing. The department will allow virgin aggregate above reclaimed asphalt, reprocessed material, or blended materials in shoulder areas adjacent to concrete pavement.
-

420.3.2.1 General

Replace paragraph one with the following effective with the December 2018 letting:

- (1) Use self-propelled grinding machines with depth, grade, and slope controls designed for grinding and texturing concrete. Equip grinding machines with diamond blades and a vacuuming system capable of removing liquid and solid residue from the ground surface. Shroud the machine to prevent discharging loosened material into adjacent work areas or live traffic lanes. Provide the specified effective wheelbase, defined as the center of the front to center of the rear main support wheels.
-

420.3.2.2 Continuous Grinding

Replace paragraph one with the following effective with the December 2018 letting:

- (1) Under the Continuous Diamond Grinding Concrete Pavement bid item, ensure that the grinding machine, including the grinding head, weighs 35,000 pounds or more, will grind a strip at least 4 feet wide, and has an effective wheel base of 25 feet or more. For pavements with a design speed less than 40 miles per hour and areas difficult to access, the contractor may use equipment with an effective wheel base of 12 feet or more.
-

450.3.2.8 Jointing

Replace paragraphs three through five with the following effective with the December 2018 letting:

- (3) Construct notched wedge longitudinal joints for mainline paving if the pavement thickness conforms to the minimums specified in 460.3.2, unless the engineer directs or allows an alternate joint. Construct the wedge using a slope no steeper than 3:1. Extend the wedge 12 inches beyond the normal lane width, or as the engineer directs. Ensure that the wedge for all layers directly overlaps and slopes in the same direction.
- (4) Locate the joint at the pavement centerline for 2-lane roadways, or at lane lines if the roadway has more than 2 lanes. Construct a vertical notch 1/2-inch to 3/4-inch high on the centerline or lane line at the top of each wedge. Place a 1/2-inch to 3/4-inch notch at the outside bottom edge of the wedge after compacting each layer. Align the finished longitudinal joint line of the upper layer with the centerline or lane line.

- (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 the same width as the wedge. Apply a tack coat to the wedge surface and both notches before placing the adjacent lane.
-

455.2.4.3 Emulsified Asphalts

Replace paragraph two with the following effective with the December 2018 letting:

- (2) The bill of lading for emulsified asphalts shall indicate the asphalt content of the original emulsion and dilution rate of the additional water added to the original emulsion. If undiluted samples are not available, test the diluted material and modify AASHTO M140, M208, or M316 to reflect properties resulting from dilution of the asphalt.
-

460.2.8.3.1.4 Department Verification Testing Requirements

Replace paragraph three with the following effective with the December 2018 letting:

- (3) The department will perform testing conforming to the following standards:
- Bulk specific gravity (G_{mb}) of the compacted mixture according to AASHTO T166.
 - Maximum specific gravity (G_{mm}) according to AASHTO T209.
 - Air voids (V_a) by calculation according to AASHTO T269.
 - VMA by calculation according to AASHTO R35.
 - Asphalt content by ignition oven according to AASHTO T308 as modified in CMM 8-36.6.3.6, chemical extraction according to AASHTO T-164, or Asphalt Analyzer™ according to manufacturer recommendations.
-

460.2.8.3.1.6 Acceptable Verification Parameters

Replace paragraph one with the following effective with the December 2018 letting:

- (1) The engineer will provide test results to the contractor within 2 mixture-production days after obtaining the sample. The quality of the product is acceptably verified if it meets the following limits:
- V_a is within a range of 2.0 to 4.3 percent. For SMA, V_a is within a range of 2.7 to 5.3 percent.
 - VMA is within minus 0.5 of the minimum requirement for the mix design nominal maximum aggregate size.
 - Asphalt content is within minus 0.3 percent of the JMF.
-

460.2.8.3.1.7 Dispute Resolution

Replace paragraph one with the following effective with the December 2018 letting:

- (1) When QV test results do not meet the specified limits for 100 percent pay, the bureau's AASHTO accredited laboratory and certified personnel will referee test the retained portion of the QV sample and the retained portion of the required forward and backward QC retained samples according to CMM 8-36.
-

460.5.2.1 General

Replace paragraphs five and six with the following effective with the December 2018 letting:

- (5) The department will reduce pay for nonconforming QMP HMA mixtures as specified in 460.2.8.2.1.7, starting from the stop point to the point when the running average of 4 is back inside the warning limits. The engineer will determine the quantity of material subject to pay reduction based on the testing data and an inspection of the completed pavement. The department will reduce pay as follows:

PAYMENT FOR MIXTURE^{[1] [2] [3]}

ITEM	PRODUCED WITHIN WARNING BANDS	PRODUCED OUTSIDE JMF LIMITS
Gradation	90%	75%
Asphalt Content ^[4]	—	—
Air Voids	70%	50%
VMA	90%	75%

^[1] For projects or plants where the total production of each mixture design requires less than 4 tests refer to CMM 8-36.

^[2] Payment is in percent of the contract unit price for the HMA Pavement bid item. The department will reduce pay based on the nonconforming property with lowest percent pay. If the quantity of material subject to pay adjustment based on the running average of 4 is also subject to pay adjustment resulting from dispute resolution in accordance with 460.2.8.3.1.7, the department will apply the single pay adjustment resulting in the lowest percent pay.

^[3] In addition to any pay adjustment listed in the table above, the department will adjust pay for nonconforming binder under the Nonconforming QMP Asphaltic Material administrative item. The department will deduct 25 percent of the contract unit price of the HMA Pavement bid item per ton of pavement placed with nonconforming PG binder the engineer allows to remain in place.

^[4] The department will not adjust pay based on a running average of 4 asphalt content tests; however, corrective action will be applied to nonconforming material according to 460.2.8.2.1.7.

- (6) If during a QV dispute resolution investigation the department discovers unacceptable mixture defined by one or more of the following:

- Va greater than 5.0 or less than 1.5.
- VMA more than 1.0 below the minimum allowed 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.

501.3.8.2.1 General

Replace paragraph two with the following effective with the April 2019 letting:

- (2) If the concrete temperature at the point of placement exceeds 90 F, do not place concrete under the following structure and concrete barrier bid items:

Concrete Masonry Bridges	Concrete Masonry Retaining Walls
Concrete Masonry Bridges HES	Concrete Masonry Retaining Walls HES
Concrete Masonry Culverts	Concrete Masonry Endwalls
Concrete Masonry Culverts HES	Concrete Masonry Overlay Decks
Concrete Barrier Single-Faced 32-Inch	Concrete Barrier (type)
Concrete Barrier Double-Faced 32-Inch	Concrete Barrier Fixed Object Protection (type)
Concrete Barrier Transition Section 32-Inch	Concrete Barrier Transition (type)

506.3.2 Shop Drawings

Replace paragraph four with the following effective with the December 2018 letting:

- (4) Ensure that the fabricator submits a PDF file of shop drawings for railroad structures to the railroad company's chief engineering officer upon contract completion.

603.3.1.1 General

Replace paragraph three with the following effective with the April 2019 letting:

- (3) Cast permanent barrier and transitions in place. Use construction methods conforming to 502 and conform to the hot weather placement requirements of 501.3.8.2. Use forms or engineer-approved slip form methods for barrier. Use forms for transitions. Construct barrier on horizontal curves as a series of 12-foot or shorter chords.

646.3.1.2 Liquid Marking

Replace paragraph five with the following effective with the June 2019 letting:

- (5) Apply liquid marking and glass beads across the line at or exceeding the following:

LIQUID MARKING	PAVEMENT TYPE	THICKNESS (mils)	BEAD APPLICATION (pounds per gallon)
Paint	all	16	8
Epoxy	SMA, seal coats, and polymer overlays	25	25
Epoxy	all other	20	22.5
Wet Reflective Epoxy	all	20	[1]

[1] Use the product specific bead application rate for wet reflective epoxy specified on the department's APL.

646.3.2.3.2 Wet Reflective Epoxy

Replace paragraph one with the following effective with the June 2019 letting:

- (1) Apply wet reflective epoxy binder in a grooved slot. and provide a double drop bead system as follows:
1. Wet reflective/recoverable elements at the application rate specified in the department's APL.
 2. Glass beads conforming to 646.2.2 at the application rate specified in the department's APL.

650.3.1 General

Replace the entire text with the following effective with the December 2018 letting:

- (1) Department and contractor responsibilities for construction staking are specified in 105.6. Conform to 105.6 and the additional requirements specified here in 650.3 for the individual contractor-staking bid items the contract includes.
- (2) Protect and preserve known property and survey marks and land monuments as specified in 107.11.3. The contract may require related work under the 621 bid items.
- (3) Obtain or calculate benchmark data, grades, and alignment from plan information. The engineer will furnish data for the horizontal and vertical control points, control point ties, horizontal alignments, profiles, and elevations. Reestablish, set additional, and maintain the horizontal and vertical control points and control point ties, as needed for bid items.
- (4) Check horizontal and vertical information including but not limited to alignments, locations, elevations, and dimensions, that either the plans show or the engineer provides, for compatibility with existing field conditions. Conduct similar compatibility checks and accuracy checks of horizontal and vertical positions either the department or the contractor establishes in the field.
- (5) Perform survey work using conventional methods, or AMG methods capable of achieving the lines and grades the plans show for the work in question. Establish additional benchmarks and control points as necessary to support the method of operation.

650.3.1.1 Staking

- (1) Furnish, set, reference, and maintain stakes and markings necessary to establish the alignment, location, benchmarks, elevations, and continuous profile-grades for road and structure work as needed for bid items. Supervise and coordinate construction staking.
- (2) Maintain neat, orderly, and complete survey notes, drawings, and computations used in establishing the lines and grades. Make the survey notes and computations available to the engineer within 24 hours, upon request, as the work progresses.
- (3) Furnish surveying equipment, stakes, flags, pins, lath, whiskers, and other materials necessary to perform this work, subject to the engineer's approval.

650.3.1.2 Automated Machine Guidance**650.3.1.2.1 General**

- (1) The contractor may substitute AMG for conventional staking on all or part of the work under the individual staking bid items. Coordinate with the engineer throughout the course of construction to ensure that work performed using AMG conforms to the contract tolerances and that the methods employed conform to the contractor's AMG work plan and accepted industry standards. Revert to

conventional staking methods for all or part of the work at any point during construction if AMG is producing unacceptable results.

650.3.1.2.2 AMG Work Plan

- (1) Submit a comprehensive written AMG work plan for department review at least 5 business days before the preconstruction conference. In that plan discuss how AMG technology will be integrated into other technologies employed on the project. List the staking bid items that will have work performed using AMG and, for each bid item listed, include the following:
 1. Designate which portions of the contract will be done using AMG and which portions will be done using conventional staking.
 2. Designate a single staff person as the primary contact for AMG technology issues.
 3. List and map the primary and secondary control points required under 105.6.2 enveloping the site.
 4. Describe the contractor's quality control procedures. Include the frequency and type of checks performed to ensure that the work conforms to the contract plans.
- (2) The engineer will review the plan to determine if it conforms to the contract. Do not perform AMG work until the engineer approves the governing portion of the AMG workplan. Perform the work as the contractor's AMG work plan provides. Update the plan as necessary.

650.3.1.2.3 Geometric and Surface Information

650.3.1.2.3.1 Department Responsibilities

- (1) At any time after the contract is awarded the contractor may request the contractor data packet. The department will provide the packet within 5 business days of receiving the contractor's request.

650.3.1.2.3.2 Contractor Responsibilities

- (1) Develop and maintain a contractor construction model for areas of the project employing AMG. Confirm that the resulting model agrees with the contract plans.
- (2) If the engineer requests, provide the construction model to the department in LandXML or other engineer-approved format.

650.3.1.2.4 Managing and Updating Information

- (1) Notify the department of any errors or discrepancies in department-provided information. The department will determine what revisions may be required. The department will revise the contract plans, if necessary, to address errors or discrepancies that the contractor identifies. The department will provide the best available information related to those contract plan revisions.
- (2) Revise the construction model as required to support construction operations and to reflect any contract plan revisions the department makes. Perform checks to confirm that the revised construction model agrees with the contract plan revisions. If the engineer requests, provide construction model updates to the engineer. The department will pay for costs incurred to incorporate contract plan revisions as extra work.

650.3.1.2.5 Construction Checks

- (1) Check the work against the plan elevation at randomly selected points on cross-sections located at stations evenly divisible by 100 at the frequency the engineer approved as a part of the AMG work plan. Submit the results of these random checks to the engineer daily. Notify the engineer immediately if a check exceeds the tolerances specified in 650.3.1.2.6 below.
- (2) Check the work at additional points as the engineer directs. The department may conduct periodic independent checks.

650.3.1.2.6 Construction Tolerances

- (1) Ensure that the finished work vertically matches existing or other completed features. Ensure that the work conforms to revised plan elevations as follows:
 - Subgrade : +/- 0.10 feet.
 - Base : within the tolerance specified in 301.3.4.1(2).

650.3.3 Subgrade

Retitle and replace the entire text with the following effective with the December 2018 letting:

650.3.3 Subgrade Staking

- (1) Set construction stakes or marks at intervals of 100 feet, or more frequently, for rural sections and at intervals of 50 feet, or more frequently, for urban sections. Include additional stakes at each cross-section as necessary to match the plan cross-section, achieve the required accuracy, and to support construction operations. Also set and maintain stakes as necessary to establish the horizontal and vertical positions of intersecting road radii, auxiliary lanes, horizontal and vertical curves, and curve transitions. Locate stakes to within 0.25 feet horizontally and establish the grade elevation to within 0.03 feet vertically.

Errata

520.3.3 Laying Pipe

Correct errata by replacing "sections" with "joints" to clarify the intent that the last 3 joints need ties.

- (5) Provide joint ties on the upstream and downstream ends of circular and horizontal elliptical concrete culvert and concrete cattle pass installations. Tie the next 3 pipe joints or, if using apron endwalls, the endwall joint and the last 2 pipe joints. Ties are not required on culverts with masonry endwalls unless the plans show otherwise.

608.3.3 Laying Pipe

Correct errata by replacing "sections" with "joints" to clarify the intent that the last 3 joints need ties.

- (5) Provide joint ties on concrete storm sewer system infall and outfall pipes. Tie the last 3 pipe joints or, if using apron endwalls, the endwall joint and the next 2 pipe joints. Ties are not required on installations with masonry endwalls unless the plans show otherwise.

ADDITIONAL SPECIAL PROVISION 7

- A. Reporting 1st Tier and DBE Payments During Construction
1. Comply with reporting requirements specified in the department's Civil Rights Compliance, Contractor's User Manual, Sublets and Payments.
 2. Report payments to all DBE firms within 10 calendar days of receipt of a progress payment by the department or a contractor for work performed, materials furnished, or materials stockpiled by a DBE firm. Report the payment as specified in A(1) for all work satisfactorily performed and for all materials furnished or stockpiled.
 3. Report payments to all first tier subcontractor relationships within 10 calendar days of receipt of a progress payment by the department for work performed. Report the payment as specified in A(1) for all work satisfactorily performed.
 4. All tiers shall report payments as necessary to comply with the DBE payment requirement as specified in A(2).
 5. 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 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. 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
- 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: WI190010 05/17/2019 WI10

Superseded General Decision Number: WI20180010

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 \$10.60 for calendar year 2019 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 \$10.60 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 2019. 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.

Modification Number	Publication Date
0	01/04/2019
1	02/22/2019
2	05/17/2019

BRWI0001-002 06/01/2018

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.06	22.65

BRWI0002-002 06/01/2018		

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.87	21.26

BRWI0002-005 06/01/2018		

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...	\$ 35.39	21.46

BRWI0003-002 06/01/2018

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

BRWI0004-002 06/01/2018

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 37.66	23.35

BRWI0006-002 06/01/2018

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

	Rates	Fringes
BRICKLAYER.....	\$ 34.30	21.41

BRWI0007-002 06/01/2018

GREEN, LAFAYETTE, AND ROCK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.82	22.59

BRWI0008-002 06/01/2018

MILWAUKEE, OZAUCKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.03	22.55

BRWI0011-002 06/01/2018

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

BRWI0019-002 06/01/2018

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

	Rates	Fringes
BRICKLAYER.....	\$ 32.97	22.74

BRWI0034-002 06/01/2018

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.80	22.61

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, TREMPPEALEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
CARPENTER		
CARPENTER.....	\$ 33.56	18.00
MILLWRIGHT.....	\$ 35.08	18.35
PILEDRIIVER.....	\$ 34.12	18.00

CARP0252-010 06/01/2016

ASHLAND COUNTY

	Rates	Fringes
Carpenters		
Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
File 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 06/04/2018

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:.....	\$ 34.21	20.46

ELEC0014-007 06/05/2018

REMAINING COUNTIES

	Rates	Fringes
Teledata System Installer		
Installer/Technician.....	\$ 26.25	13.92

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 06/01/2017

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 38.50	30%+10.57

ELEC0158-002 06/04/2018

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:.....	\$ 32.50	19.68

ELEC0159-003 06/01/2018		

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:.....	\$ 39.04	21.56

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 05/16/2018		

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 36.85	26.17

ELEC0388-002 06/03/2018		

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:.....	\$ 32.55	19.02

ELEC0430-002 01/01/2019		

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 38.78	21.59

ELEC0494-005 06/01/2018		

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 39.31	24.69

ELEC0494-006 06/01/2018		

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

	Rates	Fringes
Electricians:.....	\$ 33.40	22.08

ELEC0494-013 06/01/2018		

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.....	\$ 19.56	15.78
Technician.....	\$ 28.99	16.25

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 06/01/2018

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:.....	\$ 32.18	18.59

ELEC0890-003 06/01/2018		

DODGE (Emmet Township only), GREEN, JEFFERSON, LAFAYETTE,

RACINE (Burlington Township), ROCK AND WALWORTH COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.15	19.63

ELEC0953-001 07/01/2015		

	Rates	Fringes
Line Construction:		
(1) Lineman.....	\$ 42.14	32% + 5.00
(2) Heavy Equipment Operator.....	\$ 40.03	32% + 5.00
(3) Equipment Operator.....	\$ 33.71	32% + 5.00
(4) Heavy Groundman Driver..	\$ 26.78	14.11
(5) Light Groundman Driver..	\$ 24.86	13.45
(6) Groundsman.....	\$ 23.18	32% + 5.00

ENGI0139-005 06/04/2018		

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 40.72	22.10
Group 2.....	\$ 40.22	22.10
Group 3.....	\$ 39.72	22.10
Group 4.....	\$ 39.46	22.10
Group 5.....	\$ 39.17	22.10
Group 6.....	\$ 33.27	22.10

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.

* IRON0008-002 06/03/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 32.98	27.47

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

* IRON0008-003 06/03/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 34.88	27.72

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

* IRON0383-001 06/01/2018

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.....	\$ 35.00	25.22

IRON0498-005 06/01/2016

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

	Rates	Fringes
IRONWORKER.....	\$ 36.29	30.77

* IRON0512-008 05/01/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 37.10	10.10

* IRON0512-021 05/01/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 32.64	10.10

LABO0113-002 06/04/2018

MILWAUKEE AND WAUKESHA COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 27.88	21.76
Group 2.....	\$ 28.03	21.76
Group 3.....	\$ 28.23	21.76
Group 4.....	\$ 28.38	21.76
Group 5.....	\$ 28.53	21.76
Group 6.....	\$ 24.37	21.76

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

LABO0113-003 06/04/2018

OZAUKEE AND WASHINGTON COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 27.13	21.76
Group 2.....	\$ 27.23	21.76
Group 3.....	\$ 27.28	21.76
Group 4.....	\$ 27.48	21.76
Group 5.....	\$ 27.33	21.76
Group 6.....	\$ 24.22	21.76

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

LABO0113-011 06/04/2018

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 26.94	21.76
Group 2.....	\$ 27.09	21.76
Group 3.....	\$ 27.29	21.76
Group 4.....	\$ 27.26	21.76
Group 5.....	\$ 27.59	21.76
Group 6.....	\$ 24.08	21.76

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

 LABO0140-002 06/04/2018

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.....	\$ 31.80	17.20
Group 2.....	\$ 31.90	17.20
Group 3.....	\$ 31.95	17.20
Group 4.....	\$ 32.15	17.20
Group 5.....	\$ 32.00	17.20
Group 6.....	\$ 28.43	17.20

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

LABO0464-003 06/04/2018

DANE COUNTY

	Rates	Fringes
LABORER		
Group 1.....	\$ 32.08	17..20
Group 2.....	\$ 32.18	17..20
Group 3.....	\$ 32.23	17..20
Group 4.....	\$ 32.43	17..20
Group 5.....	\$ 32.28	17..20
Group 6.....	\$ 28.43	17..20

LABORERS CLASSIFICATIONS:

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated); Chain Saw Operator; Demolition Burning Torch Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; Powderman

GROUP 6: Flagperson and Traffic Control Person

PAIN0106-008 05/01/2017

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

PAIN0108-002 06/01/2017

RACINE COUNTY

	Rates	Fringes
Painters:		
Brush, Roller.....	\$ 33.74	18.95
Spray & Sandblast.....	\$ 34.74	18.95

PAIN0259-002 05/01/2008

BARRON, CHIPPEWA, DUNN, EAU CLAIRE, PEPIN, PIERCE, POLK, RUSK,

SAWYER, ST. CROIX, AND WASHBURN COUNTIES

	Rates	Fringes
PAINTER.....	\$ 24.11	12.15

PAIN0259-004 05/01/2015		

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

	Rates	Fringes
PAINTER.....	\$ 22.03	12.45

PAIN0781-002 06/01/2018		

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Painters:		
Bridge.....	\$ 31.60	23.51
Brush.....	\$ 31.55	23.51
Spray & Sandblast.....	\$ 32.30	23.51

PAIN0802-002 06/01/2017		

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

	Rates	Fringes
PAINTER		
Brush.....	\$ 28.25	17.72
PREMIUM PAY:		
Structural Steel, Spray, Bridges = \$1.00 additional per		
hour.		

PAIN0802-003 06/01/2017		

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.....	\$ 24.89	12.05

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

 PAIN1011-002 06/01/2017

FLORENCE COUNTY

	Rates	Fringes
Painters:.....	\$ 24.86	12.23

 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

 TEAM0039-001 06/01/2018

	Rates	Fringes
TRUCK DRIVER		
1 & 2 Axles.....	\$ 28.12	21.20
3 or more Axles; Euclids Dumptor & Articulated, Truck Mechanic.....	\$ 28.27	21.20

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.

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)).

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.

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 21

Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

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 Clearing	24.000 STA	_____.	_____.
0004	201.0205 Grubbing	24.000 STA	_____.	_____.
0006	203.0100 Removing Small Pipe Culverts	13.000 EACH	_____.	_____.
0008	203.0600.S Removing Old Structure Over Waterway With Minimal Debris (station) 01. 155+11 'WB'	LS	LUMP SUM	_____.
0010	204.0100 Removing Pavement	26,040.000 SY	_____.	_____.
0012	204.0110 Removing Asphaltic Surface	3,100.000 SY	_____.	_____.
0014	204.0130 Removing Curb	95.000 LF	_____.	_____.
0016	204.0150 Removing Curb & Gutter	1,110.000 LF	_____.	_____.
0018	204.0155 Removing Concrete Sidewalk	130.000 SY	_____.	_____.
0020	204.0165 Removing Guardrail	610.000 LF	_____.	_____.
0022	204.0170 Removing Fence	1,020.000 LF	_____.	_____.
0024	204.0180 Removing Delineators and Markers	28.000 EACH	_____.	_____.
0026	204.0190 Removing Surface Drains	4.000 EACH	_____.	_____.
0028	204.0195 Removing Concrete Bases	5.000 EACH	_____.	_____.
0030	204.0210 Removing Manholes	3.000 EACH	_____.	_____.
0032	204.0220 Removing Inlets	8.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

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	204.0230 Removing Building (station) 01. 58+50	LS	LUMP SUM	_____.
0036	204.0230 Removing Building (station) 02. 183+75	LS	LUMP SUM	_____.
0038	204.0245 Removing Storm Sewer (size) 01. 15-Inch	188.000 LF	_____.	_____.
0040	204.0245 Removing Storm Sewer (size) 02. 24-Inch	137.000 LF	_____.	_____.
0042	204.0245 Removing Storm Sewer (size) 03. 48-Inch	190.000 LF	_____.	_____.
0044	204.9060.S Removing (item description) 01. Lighting Control Cabinets	1.000 EACH	_____.	_____.
0046	204.9060.S Removing (item description) 02. Lighting Units	4.000 EACH	_____.	_____.
0048	204.9060.S Removing (item description) 03. Post-Mounted Barricades	6.000 EACH	_____.	_____.
0050	205.0100 Excavation Common	71,710.000 CY	_____.	_____.
0052	205.0300 Excavation Stone Piles and Stone Fences	224.000 CY	_____.	_____.
0054	205.0400 Excavation Marsh	5,679.000 CY	_____.	_____.
0056	206.1000 Excavation for Structures Bridges (structure) 01. B-13-0794	LS	LUMP SUM	_____.
0058	206.1000 Excavation for Structures Bridges (structure) 02. B-13-0795	LS	LUMP SUM	_____.
0060	208.0100 Borrow	33,566.000 CY	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

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	209.2500 Backfill Granular Grade 2	10,600.000 TON	_____.	_____.
0064	210.1500 Backfill Structure Type A	720.000 TON	_____.	_____.
0066	213.0100 Finishing Roadway (project) 01. 5290-00-72	1.000 EACH	_____.	_____.
0068	305.0110 Base Aggregate Dense 3/4-Inch	3,470.000 TON	_____.	_____.
0070	305.0120 Base Aggregate Dense 1 1/4-Inch	50,880.000 TON	_____.	_____.
0072	312.0110 Select Crushed Material	57,027.000 TON	_____.	_____.
0074	371.1000.S QMP Base Aggregate Dense 1 1/4-Inch Compaction	50,140.000 TON	_____.	_____.
0076	405.0100 Coloring Concrete WisDOT Red	152.000 CY	_____.	_____.
0078	415.0085 Concrete Pavement 8 1/2-Inch	40,169.000 SY	_____.	_____.
0080	415.0210 Concrete Pavement Gaps	2.000 EACH	_____.	_____.
0082	415.0410 Concrete Pavement Approach Slab	296.000 SY	_____.	_____.
0084	415.1085 Concrete Pavement HES 8 1/2-Inch	2,406.000 SY	_____.	_____.
0086	416.0160 Concrete Driveway 6-Inch	37.000 SY	_____.	_____.
0088	416.0512 Concrete Truck Apron 12-Inch	457.000 SY	_____.	_____.
0090	416.0610 Drilled Tie Bars	45.000 EACH	_____.	_____.
0092	416.0620 Drilled Dowel Bars	32.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

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	416.1010 Concrete Surface Drains	7.000 CY	_____.	_____.
0096	416.1110 Concrete Shoulder Rumble Strips	1,152.000 LF	_____.	_____.
0098	450.1100.S Asphaltic Mixture For Extreme Conditions	540.000 TON	_____.	_____.
0100	450.4000 HMA Cold Weather Paving	1,757.000 TON	_____.	_____.
0102	455.0605 Tack Coat	698.000 GAL	_____.	_____.
0104	460.2000 Incentive Density HMA Pavement	3,630.000 DOL	1.00000	3,630.00
0106	460.4110.S Reheating HMA Pavement Longitudinal Joints	850.000 LF	_____.	_____.
0108	460.5223 HMA Pavement 3 LT 58-28 S	95.000 TON	_____.	_____.
0110	460.5224 HMA Pavement 4 LT 58-28 S	2,393.000 TON	_____.	_____.
0112	460.6223 HMA Pavement 3 MT 58-28 S	165.000 TON	_____.	_____.
0114	460.6224 HMA Pavement 4 MT 58-28 S	1,249.000 TON	_____.	_____.
0116	465.0105 Asphaltic Surface	25.000 TON	_____.	_____.
0118	465.0110 Asphaltic Surface Patching	25.000 TON	_____.	_____.
0120	465.0120 Asphaltic Surface Driveways and Field Entrances	23.000 TON	_____.	_____.
0122	465.0125 Asphaltic Surface Temporary	4,056.000 TON	_____.	_____.
0124	465.0315 Asphaltic Flumes	217.000 SY	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

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	465.0400 Asphaltic Shoulder Rumble Strips	3,739.000 LF	_____.	_____.
0128	465.0425 Asphaltic Shoulder Rumble Strips 2-Lane Rural	351.000 LF	_____.	_____.
0130	465.0475 Asphalt Centerline Rumble Strips 2-Lane Rural	351.000 LF	_____.	_____.
0132	502.0100 Concrete Masonry Bridges	820.000 CY	_____.	_____.
0134	502.3200 Protective Surface Treatment	1,200.000 SY	_____.	_____.
0136	502.3210 Pigmented Surface Sealer	260.000 SY	_____.	_____.
0138	503.0146 Prestressed Girder Type I 45W-Inch	860.000 LF	_____.	_____.
0140	505.0400 Bar Steel Reinforcement HS Structures	13,120.000 LB	_____.	_____.
0142	505.0600 Bar Steel Reinforcement HS Coated Structures	106,240.000 LB	_____.	_____.
0144	505.0800.S Bar Steel Reinforcement HS Stainless Structures	2,920.000 LB	_____.	_____.
0146	506.2605 Bearing Pads Elastomeric Non-Laminated	20.000 EACH	_____.	_____.
0148	506.4000 Steel Diaphragms (structure) 01. B-13-0794	8.000 EACH	_____.	_____.
0150	506.4000 Steel Diaphragms (structure) 02. B-13-0795	8.000 EACH	_____.	_____.
0152	511.1300 Temporary Shoring (location) Marsh Excavation	1,450.000 SF	_____.	_____.
0154	516.0500 Rubberized Membrane Waterproofing	48.000 SY	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

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	520.1015 Apron Endwalls for Culvert Pipe 15-Inch	2.000 EACH	_____.	_____.
0158	520.1018 Apron Endwalls for Culvert Pipe 18-Inch	8.000 EACH	_____.	_____.
0160	520.2012 Culvert Pipe Temporary 12-Inch	78.000 LF	_____.	_____.
0162	520.2018 Culvert Pipe Temporary 18-Inch	952.000 LF	_____.	_____.
0164	520.2042 Culvert Pipe Temporary 42-Inch	158.000 LF	_____.	_____.
0166	520.3315 Culvert Pipe Class III-A 15-Inch	27.000 LF	_____.	_____.
0168	520.3318 Culvert Pipe Class III-A 18-Inch	168.000 LF	_____.	_____.
0170	520.8000 Concrete Collars for Pipe	5.000 EACH	_____.	_____.
0172	520.8700 Cleaning Culvert Pipes	3.000 EACH	_____.	_____.
0174	521.1518 Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 6 to 1	2.000 EACH	_____.	_____.
0176	521.2005.S Surface Drain Pipe Corrugated Metal Slotted (inch) 18-Inch	406.000 LF	_____.	_____.
0178	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	3.000 EACH	_____.	_____.
0180	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	8.000 EACH	_____.	_____.
0182	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	3.000 EACH	_____.	_____.
0184	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	5.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0186	522.1042 Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	1.000 EACH	_____.	_____.
0188	522.2324 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	122.000 LF	_____.	_____.
0190	522.2624 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	4.000 EACH	_____.	_____.
0192	550.0500 Pile Points	52.000 EACH	_____.	_____.
0194	550.2108 Piling CIP Concrete 10 3/4 X 0.50-Inch	2,015.000 LF	_____.	_____.
0196	601.0115 Concrete Curb Type G	96.000 LF	_____.	_____.
0198	601.0405 Concrete Curb & Gutter 18-Inch Type A	333.000 LF	_____.	_____.
0200	601.0409 Concrete Curb & Gutter 30-Inch Type A	3,475.000 LF	_____.	_____.
0202	601.0411 Concrete Curb & Gutter 30-Inch Type D	637.000 LF	_____.	_____.
0204	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	5,271.000 LF	_____.	_____.
0206	601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	1,237.000 LF	_____.	_____.
0208	601.0580 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R	415.000 LF	_____.	_____.
0210	601.0586 Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type TBTT	91.000 LF	_____.	_____.
0212	601.0600 Concrete Curb Pedestrian	391.000 LF	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0214	602.0405 Concrete Sidewalk 4-Inch	28,822.000 SF	_____.	_____.
0216	602.0515 Curb Ramp Detectable Warning Field Natural Patina	320.000 SF	_____.	_____.
0218	602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina	79.000 SF	_____.	_____.
0220	606.0100 Riprap Light	58.000 CY	_____.	_____.
0222	606.0200 Riprap Medium	14.000 CY	_____.	_____.
0224	606.0300 Riprap Heavy	970.000 CY	_____.	_____.
0226	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	630.000 LF	_____.	_____.
0228	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	719.000 LF	_____.	_____.
0230	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	274.000 LF	_____.	_____.
0232	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	482.000 LF	_____.	_____.
0234	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	210.000 LF	_____.	_____.
0236	611.0430 Reconstructing Inlets	2.000 EACH	_____.	_____.
0238	611.0530 Manhole Covers Type J	5.000 EACH	_____.	_____.
0240	611.0624 Inlet Covers Type H	29.000 EACH	_____.	_____.
0242	611.0642 Inlet Covers Type MS	7.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0244	611.0652 Inlet Covers Type T	2.000 EACH	_____.	_____.
0246	611.2006 Manholes 6-FT Diameter	4.000 EACH	_____.	_____.
0248	611.2008 Manholes 8-FT Diameter	2.000 EACH	_____.	_____.
0250	611.3225 Inlets 2x2.5-FT	2.000 EACH	_____.	_____.
0252	611.3230 Inlets 2x3-FT	28.000 EACH	_____.	_____.
0254	611.3901 Inlets Median 1 Grate	1.000 EACH	_____.	_____.
0256	611.3902 Inlets Median 2 Grate	3.000 EACH	_____.	_____.
0258	611.8120.S Cover Plates Temporary	16.000 EACH	_____.	_____.
0260	612.0106 Pipe Underdrain 6-Inch	8,299.000 LF	_____.	_____.
0262	612.0206 Pipe Underdrain Unperforated 6-Inch	223.000 LF	_____.	_____.
0264	612.0406 Pipe Underdrain Wrapped 6-Inch	380.000 LF	_____.	_____.
0266	614.0150 Anchor Assemblies for Steel Plate Beam Guard	8.000 EACH	_____.	_____.
0268	614.1200 MGS Guardrail Temporary Terminal EAT	1.000 EACH	_____.	_____.
0270	614.2300 MGS Guardrail 3	804.000 LF	_____.	_____.
0272	614.2500 MGS Thrie Beam Transition	203.000 LF	_____.	_____.
0274	614.2610 MGS Guardrail Terminal EAT	4.000 EACH	_____.	_____.



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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
0276	614.2620 MGS Guardrail Terminal Type 2	2.000 EACH	_____.	_____.
0278	616.0700.S Fence Safety	80.000 LF	_____.	_____.
0280	618.0100 Maintenance And Repair of Haul Roads (project) 01. 5290-00-72	1.000 EACH	_____.	_____.
0282	619.1000 Mobilization	1.000 EACH	_____.	_____.
0284	620.0200 Concrete Median Blunt Nose	89.000 SF	_____.	_____.
0286	620.0300 Concrete Median Sloped Nose	491.000 SF	_____.	_____.
0288	623.0200 Dust Control Surface Treatment	78,120.000 SY	_____.	_____.
0290	624.0100 Water	435.000 MGAL	_____.	_____.
0292	625.0500 Salvaged Topsoil	138,470.000 SY	_____.	_____.
0294	627.0200 Mulching	142,500.000 SY	_____.	_____.
0296	628.1504 Silt Fence	3,920.000 LF	_____.	_____.
0298	628.1520 Silt Fence Maintenance	3,920.000 LF	_____.	_____.
0300	628.1905 Mobilizations Erosion Control	13.000 EACH	_____.	_____.
0302	628.1910 Mobilizations Emergency Erosion Control	13.000 EACH	_____.	_____.
0304	628.1920 Cleaning Sediment Basins	76.000 CY	_____.	_____.
0306	628.2004 Erosion Mat Class I Type B	29,270.000 SY	_____.	_____.



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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
0308	628.2023 Erosion Mat Class II Type B	300.000 SY	_____.	_____.
0310	628.6005 Turbidity Barriers	500.000 SY	_____.	_____.
0312	628.6510 Soil Stabilizer Type B	7.000 ACRE	_____.	_____.
0314	628.7005 Inlet Protection Type A	35.000 EACH	_____.	_____.
0316	628.7015 Inlet Protection Type C	35.000 EACH	_____.	_____.
0318	628.7020 Inlet Protection Type D	37.000 EACH	_____.	_____.
0320	628.7504 Temporary Ditch Checks	2,400.000 LF	_____.	_____.
0322	628.7515.S Stone or Rock Ditch Checks	70.000 CY	_____.	_____.
0324	628.7555 Culvert Pipe Checks	60.000 EACH	_____.	_____.
0326	628.7560 Tracking Pads	12.000 EACH	_____.	_____.
0328	628.7570 Rock Bags	50.000 EACH	_____.	_____.
0330	629.0210 Fertilizer Type B	133.000 CWT	_____.	_____.
0332	630.0120 Seeding Mixture No. 20	3,630.000 LB	_____.	_____.
0334	630.0140 Seeding Mixture No. 40	600.000 LB	_____.	_____.
0336	630.0171 Seeding Mixture No. 70A	34.000 LB	_____.	_____.
0338	630.0200 Seeding Temporary	1,879.000 LB	_____.	_____.
0340	630.0300 Seeding Borrow Pit	910.000 LB	_____.	_____.



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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
0342	631.0300 Sod Water	45.000 MGAL	_____.	_____.
0344	631.1000 Sod Lawn	100.000 SY	_____.	_____.
0346	631.1100 Sod Erosion Control	137.000 SY	_____.	_____.
0348	633.5200 Markers Culvert End	16.000 EACH	_____.	_____.
0350	634.0612 Posts Wood 4x6-Inch X 12-FT	16.000 EACH	_____.	_____.
0352	634.0614 Posts Wood 4x6-Inch X 14-FT	14.000 EACH	_____.	_____.
0354	634.0616 Posts Wood 4x6-Inch X 16-FT	49.000 EACH	_____.	_____.
0356	634.0618 Posts Wood 4x6-Inch X 18-FT	17.000 EACH	_____.	_____.
0358	634.0622 Posts Wood 4x6-Inch X 22-FT	3.000 EACH	_____.	_____.
0360	637.1220 Signs Type I Reflective SH	391.000 SF	_____.	_____.
0362	637.2210 Signs Type II Reflective H	906.000 SF	_____.	_____.
0364	637.2215 Signs Type II Reflective H Folding	67.000 SF	_____.	_____.
0366	637.2230 Signs Type II Reflective F	219.000 SF	_____.	_____.
0368	638.2102 Moving Signs Type II	36.000 EACH	_____.	_____.
0370	638.2602 Removing Signs Type II	114.000 EACH	_____.	_____.
0372	638.3000 Removing Small Sign Supports	63.000 EACH	_____.	_____.
0374	638.4000 Moving Small Sign Supports	28.000 EACH	_____.	_____.



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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
0376	641.8100 Overhead Sign Support (structure) 01. S-13-500	LS	LUMP SUM	_____.
0378	641.8100 Overhead Sign Support (structure) 02. S-13-498	LS	LUMP SUM	_____.
0380	642.5401 Field Office Type D	1.000 EACH	_____.	_____.
0382	643.0300 Traffic Control Drums	77,390.000 DAY	_____.	_____.
0384	643.0310.S Temporary Portable Rumble Strips	LS	LUMP SUM	_____.
0386	643.0410 Traffic Control Barricades Type II	1,520.000 DAY	_____.	_____.
0388	643.0420 Traffic Control Barricades Type III	6,070.000 DAY	_____.	_____.
0390	643.0500 Traffic Control Flexible Tubular Marker Posts	109.000 EACH	_____.	_____.
0392	643.0600 Traffic Control Flexible Tubular Marker Bases	109.000 EACH	_____.	_____.
0394	643.0705 Traffic Control Warning Lights Type A	12,530.000 DAY	_____.	_____.
0396	643.0715 Traffic Control Warning Lights Type C	16,610.000 DAY	_____.	_____.
0398	643.0800 Traffic Control Arrow Boards	80.000 DAY	_____.	_____.
0400	643.0900 Traffic Control Signs	41,370.000 DAY	_____.	_____.
0402	643.0920 Traffic Control Covering Signs Type II	4.000 EACH	_____.	_____.
0404	643.1050 Traffic Control Signs PCMS	88.000 DAY	_____.	_____.
0406	643.5000 Traffic Control	1.000 EACH	_____.	_____.



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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
0408	645.0111 Geotextile Type DF Schedule A	160.000 SY	_____.	_____.
0410	645.0120 Geotextile Type HR	1,799.000 SY	_____.	_____.
0412	645.0130 Geotextile Type R	301.000 SY	_____.	_____.
0414	645.0140 Geotextile Type SAS	495.000 SY	_____.	_____.
0416	645.0220 Geogrid Type SR	80,776.000 SY	_____.	_____.
0418	646.1020 Marking Line Epoxy 4-Inch	24,688.000 LF	_____.	_____.
0420	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4-Inch	2,893.000 LF	_____.	_____.
0422	646.3020 Marking Line Epoxy 8-Inch	1,890.000 LF	_____.	_____.
0424	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8-Inch	5,153.000 LF	_____.	_____.
0426	646.5020 Marking Arrow Epoxy	40.000 EACH	_____.	_____.
0428	646.5120 Marking Word Epoxy	18.000 EACH	_____.	_____.
0430	646.6120 Marking Stop Line Epoxy 18-Inch	267.000 LF	_____.	_____.
0432	646.6320 Marking Dotted Extension Epoxy 18-Inch	120.000 LF	_____.	_____.
0434	646.6464 Cold Weather Marking Epoxy 4-Inch	7,817.000 LF	_____.	_____.
0436	646.6468 Cold Weather Marking Epoxy 8-Inch	2,058.000 LF	_____.	_____.
0438	646.7120 Marking Diagonal Epoxy 12-Inch	905.000 LF	_____.	_____.



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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
0440	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	387.000 LF	_____.	_____.
0442	646.8120 Marking Curb Epoxy	326.000 LF	_____.	_____.
0444	646.8220 Marking Island Nose Epoxy	16.000 EACH	_____.	_____.
0446	646.9000 Marking Removal Line 4-Inch	7,346.000 LF	_____.	_____.
0448	646.9010 Marking Removal Line Water Blasting 4-Inch	4,220.000 LF	_____.	_____.
0450	646.9100 Marking Removal Line 8-Inch	347.000 LF	_____.	_____.
0452	646.9110 Marking Removal Line Water Blasting 8-Inch	445.000 LF	_____.	_____.
0454	646.9200 Marking Removal Line Wide	161.000 LF	_____.	_____.
0456	646.9300 Marking Removal Special Marking	2.000 EACH	_____.	_____.
0458	649.0105 Temporary Marking Line Paint 4-Inch	21,133.000 LF	_____.	_____.
0460	649.0150 Temporary Marking Line Removable Tape 4-Inch	67,859.000 LF	_____.	_____.
0462	649.0205 Temporary Marking Line Paint 8-Inch	2,849.000 LF	_____.	_____.
0464	649.0250 Temporary Marking Line Removable Tape 8-Inch	4,282.000 LF	_____.	_____.
0466	649.0505 Temporary Marking Arrow Paint	2.000 EACH	_____.	_____.
0468	649.0605 Temporary Marking Word Paint	2.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

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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
0470	649.0805 Temporary Marking Stop Line Paint 18-Inch	13.000 LF	_____.	_____.
0472	649.0820 Temporary Marking Stop Line Epoxy 18-Inch	75.000 LF	_____.	_____.
0474	649.0850 Temporary Marking Stop Line Removable Tape 18-Inch	107.000 LF	_____.	_____.
0476	649.0905 Temporary Marking Diagonal Paint 12-Inch	340.000 LF	_____.	_____.
0478	649.0950 Temporary Marking Diagonal Removable Tape 12-Inch	699.000 LF	_____.	_____.
0480	650.4000 Construction Staking Storm Sewer	70.000 EACH	_____.	_____.
0482	650.4500 Construction Staking Subgrade	21,680.000 LF	_____.	_____.
0484	650.5000 Construction Staking Base	21,680.000 LF	_____.	_____.
0486	650.5500 Construction Staking Curb Gutter and Curb & Gutter	11,946.000 LF	_____.	_____.
0488	650.6000 Construction Staking Pipe Culverts	14.000 EACH	_____.	_____.
0490	650.6500 Construction Staking Structure Layout (structure) 01. B-13-0794	LS	LUMP SUM	_____.
0492	650.6500 Construction Staking Structure Layout (structure) 02. B-13-0795	LS	LUMP SUM	_____.
0494	650.6500 Construction Staking Structure Layout (structure) 03. S-13-498	LS	LUMP SUM	_____.
0496	650.6500 Construction Staking Structure Layout (structure) 05. S-13-500	LS	LUMP SUM	_____.



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Proposal ID: 20190813003 Project(s): 5290-00-72

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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
0498	650.7000 Construction Staking Concrete Pavement	11,360.000 LF	_____.	_____.
0500	650.8500 Construction Staking Electrical Installations (project) 01. 5290-00-02	LS	LUMP SUM	_____.
0502	650.9000 Construction Staking Curb Ramps	19.000 EACH	_____.	_____.
0504	650.9910 Construction Staking Supplemental Control (project) 01. 5290-00-72	LS	LUMP SUM	_____.
0506	650.9920 Construction Staking Slope Stakes	16,223.000 LF	_____.	_____.
0508	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	6,156.000 LF	_____.	_____.
0510	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	1,416.000 LF	_____.	_____.
0512	652.0700.S Install Conduit into Existing Item	1.000 EACH	_____.	_____.
0514	652.0800 Conduit Loop Detector	2,022.000 LF	_____.	_____.
0516	653.0154 Pull Boxes Non-Conductive 24x36-Inch	17.000 EACH	_____.	_____.
0518	653.0164 Pull Boxes Non-Conductive 24x42-Inch	20.000 EACH	_____.	_____.
0520	653.0900 Adjusting Pull Boxes	3.000 EACH	_____.	_____.
0522	653.0905 Removing Pull Boxes	10.000 EACH	_____.	_____.
0524	654.0101 Concrete Bases Type 1	4.000 EACH	_____.	_____.
0526	654.0102 Concrete Bases Type 2	3.000 EACH	_____.	_____.



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Proposal ID: 20190813003 Project(s): 5290-00-72

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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0528	654.0106 Concrete Bases Type 6	16.000 EACH	_____.	_____.
0530	654.0110 Concrete Bases Type 10	2.000 EACH	_____.	_____.
0532	654.0113 Concrete Bases Type 13	4.000 EACH	_____.	_____.
0534	654.0217 Concrete Control Cabinet Bases Type 9 Special	1.000 EACH	_____.	_____.
0536	654.0224 Concrete Control Cabinet Bases Type L24	1.000 EACH	_____.	_____.
0538	655.0230 Cable Traffic Signal 5-14 AWG	1,599.000 LF	_____.	_____.
0540	655.0240 Cable Traffic Signal 7-14 AWG	875.000 LF	_____.	_____.
0542	655.0250 Cable Traffic Signal 9-14 AWG	629.000 LF	_____.	_____.
0544	655.0270 Cable Traffic Signal 15-14 AWG	229.000 LF	_____.	_____.
0546	655.0320 Cable Type UF 2-10 AWG Grounded	44.000 LF	_____.	_____.
0548	655.0505 Electrical Wire Traffic Signals 14 AWG	2,981.000 LF	_____.	_____.
0550	655.0515 Electrical Wire Traffic Signals 10 AWG	3,356.000 LF	_____.	_____.
0552	655.0610 Electrical Wire Lighting 12 AWG	3,616.000 LF	_____.	_____.
0554	655.0620 Electrical Wire Lighting 8 AWG	8,418.000 LF	_____.	_____.
0556	655.0700 Loop Detector Lead In Cable	5,952.000 LF	_____.	_____.
0558	655.0800 Loop Detector Wire	4,290.000 LF	_____.	_____.



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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0560	656.0200 Electrical Service Meter Breaker Pedestal (location) 01. 143+83	LS	LUMP SUM	_____.
0562	657.0100 Pedestal Bases	6.000 EACH	_____.	_____.
0564	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	19.000 EACH	_____.	_____.
0566	657.0315 Poles Type 4	3.000 EACH	_____.	_____.
0568	657.0327 Poles Type 6-Aluminum	16.000 EACH	_____.	_____.
0570	657.0355 Poles Type 12	3.000 EACH	_____.	_____.
0572	657.0360 Poles Type 13	1.000 EACH	_____.	_____.
0574	657.0425 Traffic Signal Standards Aluminum 15-FT	6.000 EACH	_____.	_____.
0576	657.0540 Monotube Arms 40-FT	1.000 EACH	_____.	_____.
0578	657.0545 Monotube Arms 45-FT	3.000 EACH	_____.	_____.
0580	657.0715 Luminaire Arms Truss Type 4 1/2-Inch Clamp 15-FT	26.000 EACH	_____.	_____.
0582	657.0815 Luminaire Arms Steel 15-FT	4.000 EACH	_____.	_____.
0584	658.0173 Traffic Signal Face 3S 12-Inch	18.000 EACH	_____.	_____.
0586	658.0174 Traffic Signal Face 4S 12-Inch	3.000 EACH	_____.	_____.
0588	658.0416 Pedestrian Signal Face 16-Inch	4.000 EACH	_____.	_____.
0590	658.0500 Pedestrian Push Buttons	6.000 EACH	_____.	_____.



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Contract Items

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0592	658.5069 Signal Mounting Hardware (location) 01. STH 19 & Liuna Way/Tierney Ct	LS	LUMP SUM	_____.
0594	659.1125 Luminaires Utility LED C	30.000 EACH	_____.	_____.
0596	659.2124 Lighting Control Cabinets 120/240 24-Inch	1.000 EACH	_____.	_____.
0598	670.0100 Field System Integrator	LS	LUMP SUM	_____.
0600	677.0200 Install Camera Assembly	2.000 EACH	_____.	_____.
0602	678.0036 Install Fiber Optic Cable Outdoor Plant 36-CT	2,981.000 LF	_____.	_____.
0604	678.0400 Fiber Optic Termination	6.000 EACH	_____.	_____.
0606	690.0150 Sawing Asphalt	3,135.000 LF	_____.	_____.
0608	690.0250 Sawing Concrete	3,224.000 LF	_____.	_____.
0610	715.0415 Incentive Strength Concrete Pavement	13,009.500 DOL	1.00000	13,009.50
0612	715.0502 Incentive Strength Concrete Structures	4,884.000 DOL	1.00000	4,884.00
0614	715.0710 Optimized Aggregate Gradation Incentive	43,378.000 DOL	1.00000	43,378.00
0616	740.0440 Incentive IRI Ride	8,000.000 DOL	1.00000	8,000.00
0618	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	1,500.000 HRS	5.00000	7,500.00
0620	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	1,000.000 HRS	5.00000	5,000.00



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Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0622	SPV.0060 Special 01. Inlets Temporary	3.000 EACH	_____.	_____.
0624	SPV.0060 Special 02. Landmark Reference Monuments Special	3.000 EACH	_____.	_____.
0626	SPV.0060 Special 03. Verify Landmark Reference Monuments Special	12.000 EACH	_____.	_____.
0628	SPV.0060 Special 04. Temporary Sediment Basin	8.000 EACH	_____.	_____.
0630	SPV.0090 Special 01. Asphaltic Curb Temporary	660.000 LF	_____.	_____.
0632	SPV.0090 Special 02. Fill Existing Rumble Strips	355.000 LF	_____.	_____.
0634	SPV.0090 Special 03. Restore Existing Rumble Strips	355.000 LF	_____.	_____.
0636	SPV.0105 Special 01. Walking Path	LS	LUMP SUM	_____.
0638	SPV.0105 Special 02. Canoe and Kayak Launch	LS	LUMP SUM	_____.
0640	SPV.0105 Special 03. Installing Furnished Dane County Park Kiosk	LS	LUMP SUM	_____.
0642	SPV.0105 Special 04. Installing Furnished Dane County Park Sign	LS	LUMP SUM	_____.
0644	SPV.0105 Special 06. Remove & Reinstall Loop Detector Wire & Lead-in Cable	LS	LUMP SUM	_____.
0646	SPV.0105 Special 07. Transport and Install State-Furnished CAT5E Cable, STH 19	LS	LUMP SUM	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

PLEASE ATTACH SCHEDULE OF ITEMS HERE



Wisconsin Department of Transportation

August 5, 2019

**Division of Transportation Systems
Development**

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

Telephone: (608) 266-1631

Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Federal Wage Rate Addendum #01

Letting of August 13, 2019

Attached is a copy of the revised WI 10 Highway Davis Bacon Prevailing Wage Rates that are included in proposals 01 – 06 and 08 – 13; and WI 15 Heavy Davis Bacon Prevailing Wage Rates that are included in proposal 04. These wage rates are effective for all proposals they are included in in the August 13, 2019 letting. The updated wage rates are dated July 26, 2019 and are effective on or after August 5, 2019.

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: WI20190010 07/26/2019

Superseded General Decision Number: WI20180010

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 \$10.60 for calendar year 2019 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 \$10.60 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 2019. 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.

Modification Number Publication Date

0	01/04/2019
1	02/22/2019
2	05/17/2019
3	07/26/2019

BRWI0001-002 06/01/2018

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.06	22.65

BRWI0002-002 06/01/2018		

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.87	21.26

BRWI0002-005 06/01/2018		

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...	\$ 35.39	21.46

BRWI0003-002 06/01/2018		

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

BRWI0004-002 06/01/2018

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 37.66	23.35

BRWI0006-002 06/01/2018

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

	Rates	Fringes
BRICKLAYER.....	\$ 34.30	21.41

BRWI0007-002 06/01/2018

GREEN, LAFAYETTE, AND ROCK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.82	22.59

BRWI0008-002 06/01/2018

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.03	22.55

BRWI0011-002 06/01/2018

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

BRWI0019-002 06/01/2018

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

	Rates	Fringes
BRICKLAYER.....	\$ 32.97	22.74

BRWI0034-002 06/01/2018		

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.80	22.61

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
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CARPENTER

CARPENTER.....	\$ 33.56	18.00
MILLWRIGHT.....	\$ 35.08	18.35
PILEDRIIVER.....	\$ 34.12	18.00

CARP0252-010 06/01/2016

ASHLAND COUNTY

	Rates	Fringes
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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
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CARPENTER.....	\$ 35.78	22.11
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CARP0361-004 05/01/2018

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

	Rates	Fringes
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CARPENTER.....	\$ 36.15	20.43
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CARP2337-001 06/01/2016

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

	Rates	Fringes
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PILEDRIVERMAN

Zone A.....	\$ 31.03	22.69
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Zone B.....\$ 31.03 22.69

ELEC0014-002 06/04/2018

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
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Electricians:.....	\$ 34.21	20.46
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ELEC0014-007 06/05/2018

REMAINING COUNTIES

	Rates	Fringes
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Teledata System Installer

Installer/Technician.....	\$ 26.25	13.92
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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 06/01/2018

KENOSHA COUNTY

	Rates	Fringes
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Electricians:.....	\$ 39.50	30%+11.32
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ELEC0158-002 06/04/2018

BROWN, DOOR, KEWAUNEE, MANITOWOC (except Schleswig),

MARINETTE(Wausuakee and area South thereof), OCONTO, MENOMINEE
(East of a ine 6 miles West of the West boundary of Oconto
County), SHAWANO (Except Area North of Townships of Aniwa and
Hutchins) COUNTIES

	Rates	Fringes
Electricians:.....	\$ 32.50	19.68

ELEC0159-003 06/01/2018		

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:.....	\$ 39.04	21.56

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 05/16/2018		

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 36.85	26.17

ELEC0388-002 06/03/2018

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:.....	\$ 32.55	19.02

* ELEC0430-002 06/01/2019

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 40.30	22.04

ELEC0494-005 06/01/2018

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 39.31	24.69

ELEC0494-006 06/01/2018

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

	Rates	Fringes
Electricians:.....	\$ 33.40	22.08

ELEC0494-013 06/01/2018

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.....	\$ 19.56	15.78
Technician.....	\$ 28.99	16.25

Installation, testing, maintenance, operation and servicing of all sound, intercom, telephone interconnect, closed circuit TV systems, radio systems, background music systems, language laboratories, electronic carillion, 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 06/01/2018

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:.....	\$ 32.18	18.59

ELEC0890-003 06/01/2018

DODGE (Emmet Township only), GREEN, JEFFERSON, LAFAYETTE,
RACINE (Burlington Township), ROCK AND WALWORTH COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.15	19.63

ELEC0953-001 07/01/2015

	Rates	Fringes
Line Construction:		
(1) Lineman.....	\$ 42.14	32% + 5.00
(2) Heavy Equipment Operator.....	\$ 40.03	32% + 5.00
(3) Equipment Operator.....	\$ 33.71	32% + 5.00
(4) Heavy Groundman Driver..	\$ 26.78	14.11
(5) Light Groundman Driver..	\$ 24.86	13.45
(6) Groundsman.....	\$ 23.18	32% + 5.00

* ENGI0139-005 06/03/2019

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 41.17	23.03
Group 2.....	\$ 40.67	23.03
Group 3.....	\$ 40.17	23.03
Group 4.....	\$ 39.91	23.03
Group 5.....	\$ 39.62	23.03
Group 6.....	\$ 33.72	23.03

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.

IRON0008-002 06/03/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 32.98	27.47

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

IRON0008-003 06/03/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 34.88	27.72

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

IRON0383-001 06/01/2018

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.....	\$ 35.00	25.22

IRON0498-005 06/01/2016

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

	Rates	Fringes
IRONWORKER.....	\$ 36.29	30.77

IRON0512-008 05/01/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 37.10	10.10

IRON0512-021 05/01/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 32.64	10.10

* LAB00113-002 06/03/2019

MILWAUKEE AND WAUKESHA COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 29.02	22.00

Group 2.....	\$ 29.17	22.00
Group 3.....	\$ 29.37	22.00
Group 4.....	\$ 29.52	22.00
Group 5.....	\$ 29.67	22.00
Group 6.....	\$ 25.51	22.00

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer;
Demolition and Wrecking Laborer; Guard Rail, Fence, and
Bridge Builder; Landscaper; Multiplate Culvert Assembler;
Stone Handler; Bituminous Worker (Shoveler, Loader, and
Utility Man); Batch Truck Dumper or Cement Handler;
Bituminous Worker (Dumper, Ironer, Smoother, and Tamper);
Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
(Pavement); Vibrator or Tamper Operator (Mechanical Hand
Operated); Chain Saw Operator; Demolition Burning Torch
Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
(Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagperson; traffic control person

* LAB00113-003 06/03/2019

OZAUKEE AND WASHINGTON COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 28.27	22.00
Group 2.....	\$ 28.37	22.00
Group 3.....	\$ 28.42	22.00
Group 4.....	\$ 28.62	22.00
Group 5.....	\$ 28.47	22.00
Group 6.....	\$ 25.36	22.00

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer;
Demolition and Wrecking Laborer; Guard Rail, Fence, and
Bridge Builder; Landscaper; Multiplate Culvert Assembler;
Stone Handler; Bituminous Worker (Shoveler, Loader, and
Utility Man); Batch Truck Dumper or Cement Handler;
Bituminous Worker (Dumper, Ironer, Smoother, and Tamper);
Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
(Pavement); Vibrator or Tamper Operator (Mechanical Hand
Operated);

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
(Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson and Traffic Control Person

* LAB00113-011 06/03/2019

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 28.08	22.00
Group 2.....	\$ 28.23	22.00
Group 3.....	\$ 28.43	22.00
Group 4.....	\$ 28.40	22.00
Group 5.....	\$ 28.73	22.00
Group 6.....	\$ 25.22	22.00

LABORERS CLASSIFICATIONS:

GROUP 1: General laborer; Tree Trimmer; Conduit Layer;
Demolition and Wrecking Laborer; Guard Rail, Fence, and
Bridge Builder; Landscaper; Multiplate Culvert Assembler;
Stone Handler; Bituminous Worker (Shoveler, Loader, and
Utility Man); Batch Truck Dumper or Cement Handler;

Bituminous worker (Dumper, Ironer, Smoother, and Tamper);
Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
(Pavement); Vibrator or Tamper Operator (Mechanical Hand
Operated); Chain Saw Operator; Demolition Burning Torch
Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
(Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagman; traffic control person

* LAB00140-002 06/03/2019

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.....	\$ 32.84	17.54
Group 2.....	\$ 32.94	17.54
Group 3.....	\$ 32.99	17.54
Group 4.....	\$ 33.19	17.54
Group 5.....	\$ 33.04	17.54
Group 6.....	\$ 29.47	17.54

LABORER CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer;

Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated); Chain Saw Operator, Demolition Burning Torch Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson; Traffic Control

* LAB00464-003 06/03/2019

DANE COUNTY

	Rates	Fringes
LABORER		
Group 1.....	\$ 33.12	17.54
Group 2.....	\$ 33.22	17.54
Group 3.....	\$ 33.27	17.54
Group 4.....	\$ 33.47	17.54
Group 5.....	\$ 33.32	17.54
Group 6.....	\$ 29.47	17.54

LABORERS CLASSIFICATIONS:

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
(Pavement); Vibrator or Tamper Operator (Mechanical Hand
Operated); Chain Saw Operator; Demolition Burning Torch
Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
(Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; Powderman

GROUP 6: Flagperson and Traffic Control Person

PAIN0106-008 05/01/2017

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

PAIN0108-002 06/01/2017

RACINE COUNTY

	Rates	Fringes
Painters:		
Brush, Roller.....	\$ 33.74	18.95
Spray & Sandblast.....	\$ 34.74	18.95

PAIN0259-002 05/01/2008

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

	Rates	Fringes
PAINTER.....	\$ 24.11	12.15

PAIN0259-004 05/01/2015

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

	Rates	Fringes
PAINTER.....	\$ 22.03	12.45

PAIN0781-002 06/01/2018

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Painters:		
Bridge.....	\$ 31.60	23.51
Brush.....	\$ 31.55	23.51
Spray & Sandblast.....	\$ 32.30	23.51

PAIN0802-002 06/01/2017

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

	Rates	Fringes
PAINTER		
Brush.....	\$ 28.25	17.72

PREMIUM PAY:

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

PAIN0802-003 06/01/2017

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.....	\$ 24.89	12.05

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

PAIN1011-002 06/01/2017		

FLORENCE COUNTY

	Rates	Fringes
Painters:.....	\$ 24.86	12.23

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

TEAM0039-001 06/01/2018

	Rates	Fringes
TRUCK DRIVER		
1 & 2 Axles.....	\$ 28.12	21.20
3 or more Axles; Euclids		
Dumptor & Articulated,		
Truck Mechanic.....	\$ 28.27	21.20

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.

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)).

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.

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: WI20190015 07/26/2019

Superseded General Decision Number: WI20180015

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 \$10.60 for calendar year 2019 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 \$10.60 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 2019. 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.

Modification Number	Publication Date
0	01/04/2019

1	02/22/2019
2	05/17/2019
3	07/26/2019

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 06/01/2018

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.06	22.65

BRWI0002-002 06/01/2018

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.87	21.26

BRWI0002-005 06/01/2018

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...	\$ 35.39	21.46

BRWI0003-002 06/01/2018

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

BRWI0004-002 06/01/2018

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 37.66	23.35

BRWI0006-002 06/01/2018

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

	Rates	Fringes
BRICKLAYER.....	\$ 34.30	21.41

BRWI0007-002 06/01/2018

GREEN, LAFAYETTE, AND ROCK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.82	22.59

BRWI0008-002 06/01/2018

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.03	22.55

BRWI0009-001 06/01/2018

GREEN LAKE, MARQUETTE, OUTAGAMIE, SHAWANO, WAUPACA, WASHARA,
AND WINNEBAGO COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

BRWI0011-002 06/01/2018		

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

BRWI0013-002 06/01/2018		

DANE, GRANT, IOWA, AND RICHLAND COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.80	22.61

BRWI0019-002 06/01/2018		

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

	Rates	Fringes
BRICKLAYER.....	\$ 32.97	22.74

BRWI0021-002 06/01/2018		

DODGE AND JEFFERSON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.24	22.15

BRWI0034-002 06/01/2018		

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.80	22.61

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
PILEDRIIVER.....	\$ 34.12	18.00

CARP0252-010 06/01/2016

ASHLAND COUNTY

	Rates	Fringes
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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
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CARPENTER.....	\$ 35.78	22.11
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CARP0361-004 05/01/2018

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

	Rates	Fringes
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CARPENTER.....	\$ 36.15	20.43
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CARP2337-001 06/01/2016

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

	Rates	Fringes
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PILEDRIVERMAN

Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69

CARP2337-003 06/01/2016

	Rates	Fringes
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MILLWRIGHT

Zone A.....	\$ 29.98	21.53
Zone B.....	\$ 29.98	21.53

ZONE DEFINITIONS

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON COUNTIES

ZONE B: KENOSHA & RACINE COUNTIES

ELEC0014-002 06/04/2018

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:.....	\$ 34.21	20.46

ELEC0014-007 06/05/2018		

REMAINING COUNTIES

	Rates	Fringes
Teledata System Installer		
Installer/Technician.....	\$ 26.25	13.92
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 06/01/2018

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 39.50	30%+11.32

ELEC0158-002 06/04/2018

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:.....	\$ 32.50	19.68

ELEC0159-003 06/01/2018

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:.....	\$ 39.04	21.56

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 05/16/2018

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 36.85	26.17

 ELEC0388-002 06/03/2018

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:.....	\$ 32.55	19.02

 * ELEC0430-002 06/01/2019

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 40.30	22.04

 ELEC0494-005 06/01/2018

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 39.31	24.69

 ELEC0494-006 06/01/2018

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

	Rates	Fringes
Electricians:.....	\$ 33.40	22.08

ELEC0494-013 06/01/2018

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.....	\$ 19.56	15.78
Technician.....	\$ 28.99	16.25

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 06/01/2018

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
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Electricians:.....\$ 32.18 18.59

ELEC0890-003 06/01/2018

DODGE (Emmet Township only), GREEN, JEFFERSON, LAFAYETTE,
RACINE (Burlington Township), ROCK AND WALWORTH COUNTIES

Rates Fringes

Electricians:.....\$ 34.15 19.63

ELEC0953-001 07/01/2015

Rates Fringes

Line Construction:

(1) Lineman.....	\$ 42.14	32% + 5.00
(2) Heavy Equipment Operator.....	\$ 40.03	32% + 5.00
(3) Equipment Operator.....	\$ 33.71	32% + 5.00
(4) Heavy Groundman Driver..	\$ 26.78	14.11
(5) Light Groundman Driver..	\$ 24.86	13.45
(6) Groundsman.....	\$ 23.18	32% + 5.00

* ENGI0139-001 06/03/2019

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

Rates Fringes

Power Equipment Operator

Group 1.....	\$ 46.66	22.20
Group 2.....	\$ 46.16	22.20
Group 3.....	\$ 45.66	22.20
Group 4.....	\$ 44.97	22.20
Group 5.....	\$ 41.79	22.20
Group 6.....	\$ 36.64	22.20

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

 * ENGI0139-003 06/03/2019

REMAINING COUNTIES

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 41.52	22.45
Group 2.....	\$ 40.27	22.45
Group 3.....	\$ 38.97	22.45
Group 4.....	\$ 38.44	22.45
Group 5.....	\$ 36.37	22.45
Group 6.....	\$ 34.84	22.45

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, 145 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

 IRON0008-002 06/03/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 32.98	27.47

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

 IRON0008-003 06/03/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 34.88	27.72

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

IRON0383-001 06/01/2018

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.....	\$ 35.00	25.22

IRON0512-008 05/01/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 37.10	10.10

IRON0512-021 05/01/2018

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

	Rates	Fringes
IRONWORKER.....	\$ 32.64	10.10

* LAB00113-002 06/03/2019

MILWAUKEE AND WAUKESHA COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 29.02	22.00
Group 2.....	\$ 29.17	22.00
Group 3.....	\$ 29.37	22.00
Group 4.....	\$ 29.52	22.00
Group 5.....	\$ 29.67	22.00
Group 6.....	\$ 25.51	22.00

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated); Chain Saw Operator; Demolition Burning Torch Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagperson; traffic control person

* LAB00113-003 06/03/2019

OZAUKEE AND WASHINGTON COUNTIES

	Rates	Fringes
LABORER		

Group 1.....	\$ 28.27	22.00
Group 2.....	\$ 28.37	22.00
Group 3.....	\$ 28.42	22.00
Group 4.....	\$ 28.62	22.00
Group 5.....	\$ 28.47	22.00
Group 6.....	\$ 25.36	22.00

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated);

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson and Traffic Control Person

* LAB00113-011 06/03/2019

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 28.08	22.00
Group 2.....	\$ 28.23	22.00
Group 3.....	\$ 28.43	22.00
Group 4.....	\$ 28.40	22.00
Group 5.....	\$ 28.73	22.00
Group 6.....	\$ 25.22	22.00

LABORERS CLASSIFICATIONS:

GROUP 1: General laborer; Tree Trimmer; Conduit Layer;
Demolition and Wrecking Laborer; Guard Rail, Fence, and
Bridge Builder; Landscaper; Multiplate Culvert Assembler;
Stone Handler; Bituminous Worker (Shoveler, Loader, and
Utility Man); Batch Truck Dumper or Cement Handler;
Bituminous worker (Dumper, Ironer, Smoother, and Tamper);
Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
(Pavement); Vibrator or Tamper Operator (Mechanical Hand
Operated); Chain Saw Operator; Demolition Burning Torch
Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
(Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagman; traffic control person

* LAB00140-002 06/03/2019

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.....	\$ 32.84	17.54
Group 2.....	\$ 32.94	17.54
Group 3.....	\$ 32.99	17.54

Group 4.....	\$ 33.19	17.54
Group 5.....	\$ 33.04	17.54
Group 6.....	\$ 29.47	17.54

LABORER CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer;
Demolition and Wrecking Laborer; Guard Rail, Fence, and
Bridge Builder; Landscaper; Multiplate Culvert Assembler;
Stone Handler; Bituminous Worker (Shoveler, Loader, and
Utility Man); Batch Truck Dumper or Cement Handler;
Bituminous Worker (Dumper, Ironer, Smoother and Tamper);
Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
(Pavement); Vibrator or Tamper Operator (Mechanical Hand
Operated); Chain Saw Operator, Demolition Burning Torch
Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
(Curb, Sidewalk and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson; Traffic Control

* LAB00464-003 06/03/2019

DANE COUNTY

	Rates	Fringes
LABORER		
Group 1.....	\$ 33.12	17.54
Group 2.....	\$ 33.22	17.54
Group 3.....	\$ 33.27	17.54
Group 4.....	\$ 33.47	17.54
Group 5.....	\$ 33.32	17.54
Group 6.....	\$ 29.47	17.54

LABORERS CLASSIFICATIONS:

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated); Chain Saw Operator; Demolition Burning Torch Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; Powderman

GROUP 6: Flagperson and Traffic Control Person

PAIN0106-008 05/01/2017

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

PAIN0108-002 06/01/2017

RACINE COUNTY

	Rates	Fringes
Painters:		
Brush, Roller.....	\$ 33.74	18.95

Spray & Sandblast.....	\$ 34.74	18.95
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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 06/01/2018

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

Rates	Fringes
-------	---------

Painters:

Bridge.....	\$ 31.60	23.51
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Brush.....	\$ 31.55	23.51
------------	----------	-------

Spray & Sandblast.....	\$ 32.30	23.51
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PAIN0802-002 06/01/2017

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

Rates	Fringes
-------	---------

PAINTER

Brush.....	\$ 28.25	17.72
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PREMIUM PAY:

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

PAIN0802-003 06/01/2017

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.....	\$ 24.89	12.05

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

PAIN1011-002 06/01/2017

FLORENCE COUNTY

	Rates	Fringes
Painters:.....	\$ 24.86	12.23

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

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
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PLUM0075-004 06/01/2016

DODGE (Watertown), GREEN, JEFFERSON, LAFAYETTE, AND ROCK
COUNTIES

Rates	Fringes
-------	---------

PLUMBER.....	\$ 40.52	21.47
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PLUM0075-009 06/01/2016

COLUMBIA, DANE, IOWA, MARQUETTE, RICHLAND AND SAUK COUNTIES

Rates	Fringes
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PLUMBER.....	\$ 38.82	20.12
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PLUM0111-007 05/28/2018

MARINETTE COUNTY (Niagara only)

Rates	Fringes
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PLUMBER/PIPEFITTER.....	\$ 33.33	24.48
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PLUM0118-002 06/01/2018

KENOSHA, RACINE, AND WALWORTH COUNTIES

Rates	Fringes
-------	---------

Plumber and Steamfitter.....	\$ 44.95	20.95
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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

PLUM0434-002 06/03/2018

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.....	\$ 40.15	18.57

PLUM0601-003 06/04/2018

DODGE (Watertown), GREEN, JEFFERSON, LAFAYETTE, MILWAUKEE,
OZAUKEE, ROCK, WASHINGTON AND WAUKESHA COUNTIES

	Rates	Fringes
PIPEFITTER.....	\$ 45.52	24.54

PLUM0601-009 06/04/2017

COLUMBIA, DANE, IOWA, MARQUETTE, RICHLAND AND SAUK COUNTIES

	Rates	Fringes
PIPEFITTER.....	\$ 47.08	20.89

TEAM0039-002 06/01/2018

	Rates	Fringes
TRUCK DRIVER		
1 & 2 Axle Trucks.....	\$ 28.12	21.20
3 or more axles; Euclids		
or Dumptor, Articulated		
Truck, Mechanic.....	\$ 28.27	21.20

Rates Fringes

WELL DRILLER.....\$ 16.52

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.

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)).

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.

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

July 25, 2019

Division of Transportation Systems Development

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

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

NOTICE TO ALL CONTRACTORS:

Proposal #03: 5290-00-72, WISC 2019 576
USH 12 – IH 39
River Road to IH 39
STH 19
Dane County

Letting of August 13, 2019

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

Special Provisions:

Deleted Special Provisions	
Article No.	Description
35	371.1000.S, QMP Base Aggregate Dense 1 1/4" Inch Compaction

Schedule of Items:

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
371.1000.S	QMP Base Aggregate Dense 1 1/4" Compaction	Ton	50,140	-50,140	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
228	Bid item 371.1000.S QMP Base Aggregate Dense 1 1/4" Compaction removed from miscellaneous quantity table
231	Bid item 371.1000.S QMP Base Aggregate Dense 1 1/4" Compaction removed from miscellaneous quantity table
233	Bid item 371.1000.S QMP Base Aggregate Dense 1 1/4" Compaction removed from miscellaneous quantity table
237	Bid item 371.1000.S QMP Base Aggregate Dense 1 1/4" Compaction removed from miscellaneous quantity table
266	Bid item 371.1000.S QMP Base Aggregate Dense 1 1/4" Compaction removed from miscellaneous quantity table

514	Structure B-13-794 (end plate detail removed)
540	Structure B-13-795 (end plate detail removed)

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

5290-00-72

July 25, 2019

Special Provisions

35. DELETED

Schedule of Items

Attached, dated July 25, 2019, are the revised Schedule of Items Pages 3 – 12.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 228, 231, 233, 237, 266, 514, 540.

END OF ADDENDUM

Addendum No. 01
ID 5290-00-72
Revised Sheet 228
July 25, 2019

3

BASE AGGREGATE MATERIAL

		305.0110*		305.0120*		371.1000.S*		624.0100	
		BASE AGGREGATE		BASE AGGREGATE		QMP BASE			
		DENSE 3/4-INCH		DENSE 1 1/4-INCH		1 1/4-INCH COMPACTION		WATER	
CAT	STA	TO	STA	ALI	TON	TON	TON	MGAL	
0010									
	131+25	-	144+25	WB	130	6950	6950	71	
	10+00	-	14+27	CR	-	780	780	8	
	49+90	-	55+09	RSB	66	2470	2470	25	
	56+78	-	62+10	RNB	83	2640	2640	27	
	145+85	-	154+32	WB	170	3320	3320	35	
	155+58	-	194+55	WB	900	16000	16000	170	
	7+65	-	9+64	LWS	-	540	540	5	
	8+85	-	9+64	LES	-	190	190	2	
	156+58	-	167+96	YA	750	1570	1570	23	
	UNDISTRIBUTED				211	3440	3440	34	
	CATEGORY 0010 SUBTOTAL				2310	37900	37900	400	
0050									
	51+30	-	55+08	RNB	-	54	54	1	
	57+08	-	59+64	RSB	-	280	280	3	
	159+54	-	167+59	EB	-	580	580	6	
	8+00	-	9+64	LWS	-	97	97	1	
	302+47	-	304+37	TCS	-	1560	1560	16	
	10+36	-	11+18	CW	-	570	570	6	
	UNDISTRIBUTED				0	310	310	3	
	CATEGORY 0050 SUBTOTAL				0	3450	3450	35	
PROJECT TOTAL					2310	41350	41350	435	

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

SELECT CRUSHED MATERIAL

		312.0110*		645.0220*		
		SELECT		GEOGRID		
		CRUSHED MATERIAL		TYPE SR		
CAT	STA	TO	STA	ALIGN	TON	SY
0010						
	134+80	-	143+00	WB/EB	3630	5710
	143+00	-	147+00	WB/EB	4350	6870
	52+83	-	54+00	RNB	620	960
	58+00	-	59+64	RNB	660	1020
	147+00	-	154+34	EB	2200	3450
	147+00	-	154+48	WB	2160	3380
	155+62	-	194+00	EB	12200	19240
	155+75	-	194+55	WB	10800	17010
	UNDISTRIBUTED EBS				5770	-
CATEGORY 0010 SUBTOTAL					42390	57640
0050						
	52+83	-	55+04	RNB	93	150
	57+93	-	59+64	RNB	500	790
	159+54	-	167+59	EB	1610	2530
	9+14	-	9+64	LWS	93	150
	302+37	-	302+96	TC	1000	1580
	168+42	-	176+81	WB	1280	2020
	10+26	-	10+82	CW	870	1370
	UNDISTRIBUTED EBS				660	-
CATEGORY 0050 SUBTOTAL					6106	8590
PROJECT TOTAL					48496	66230

*ADDITIONAL QUANTITIES LISTED ELSEWHERE
**INCLUDES FRENCH DRAIN QUANTITIES

PROJECT NO: 5290-00-72

HWY: STH 19

COUNTY: DANE

MISCELLANEOUS QUANTITIES

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DRIVEWAYS

305.0120*		371.1000.S*		416.0160		465.0120	
BASE		QMP BASE		CONCRETE		ASPHALTIC	
AGGREGATE		AGGREGATE DENSE		DRIVEWAY		SURFACE	
DENSE		1 1/4-INCH		6-INCH		FIELD ENTRANCES	
1 1/4-INCH		COMPACTION		TON		SY	
CAT	STA	TO	STA	OFFSET	ALIGN	TON	TON
0010							
	59+60	-	59+84	RT	RNB	55	-
	60+13	-	60+55	RT	RNB	26	-
	60+73	-	61+25	LT	RSB	26	-
	62+30	-	62+70	LT	RSB	24	9
	159+98	-	160+74	LT	WB	35	14
	7+97	-	8+32	LT	LWS	14	-
CATEGORY 0010 SUBTOTAL						180	23
PROJECT TOTAL						180	23

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

ASPHALT FLUMES

465.0315		ASPHALT		FLUMES		SY	
CAT	STA	TO	STA	OFFSET	ALIGN	SY	SY
0010							
	53+90	-	53+98	LT	RSB	16	
	53+78	-	53+86	RT	RNB	23	
	58+04	-	58+12	RT	RNB	16	
	58+10	-	58+18	LT	RSB	23	
	147+32	-	147+40	RT	EB	24	
	149+53	-	149+61	LT	EB	12	
	149+64	-	149+72	RT	WB	12	
	149+64	-	149+72	LT	WB	17	
	188+36	-	188+44	RT	EB	12	
CATEGORY 0010 SUBTOTAL						155	
0050							
	162+14	-	162+43	LT	EB	31	
	173+56	-	173+84	RT	WB	31	
CATEGORY 0050 SUBTOTAL						62	
PROJECT TOTAL						217	

RUMBLE STRIPS

416.1110		465.0400		465.0425		465.0475		643.0310.S		SPV.0090.02		SPV.0090.03	
CONCRETE		ASPHALTIC		ASPHALTIC SHOULDER		ASPHALTIC CENTER LINE		TEMPORARY		PORTABLE		FILLING	
SHOULDER		SHOULDER		RUMBLE STRIPS		RUMBLE STRIPS		RUMBLE STRIPS		RUMBLE STRIPS		EXISTING	
RUMBLE STRIPS		RUMBLE STRIPS		2-LANE RURAL		2-LANE RURAL		RUMBLE STRIPS		RUMBLE STRIPS		RUMBLE STRIPS	
CAT	STA	TO	STA	OFFSET	ALIGN	LF	LF	LF	LS	LF	LF	LF	LF
0010													
	131+25	-	134+76	CL	WB	-	-	351	-	-	355	-	355
	131+25	-	139+23	LT	WB	-	-	-	-	-	-	-	-
	131+95	-	142+18	RT	EB	-	-	-	-	-	-	-	-
	147+32	-	154+16	RT	EB	684	-	-	-	-	-	-	-
	149+64	-	154+32	LT	WB	468	-	-	-	-	-	-	-
	150+14	-	154+07	LT	WB	-	-	-	-	-	-	-	-
	156+02	-	162+82	RT	EB	-	-	-	-	-	-	-	-
	156+18	-	159+72	LT	WB	-	-	-	-	-	-	-	-
	161+00	-	165+88	LT	WB	-	-	-	-	-	-	-	-
USED FOR FLAGGING OPERATION						-	-	-	1	-	-	-	-
CATEGORY 0010 SUBTOTAL						1152	3739	351	1	355	355		
PROJECT TOTAL						1152	3739	351	1	355	355		

TEMPORARY ASPHALTIC CURB

SPV.0090.01									
ASPHALTIC									
CURB TEMPORARY									
CAT	STA	TO	STA	OFFSET	ALIGN	LF	COMMENTS		
0010									
	188+14	-	194+69	LT/RT	WB	660	INSTALLED IN STAGE 1D TEMPORARY EB SHIFT		
	CATEGORY 0010 SUBTOTAL					660			
	PROJECT TOTAL					660			

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COUNTY: DANE

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ASPHALTIC SURFACE TEMPORARY

CAT	STAGE	STA	TO	STA	OFFSET	ALIGN	305.0110*		305.0120*		312.0110*		371.1000.S		450.1100.S		460.4110.S		465.0110		465.0125		645.0220*	
							BASE AGGREGATE DENSE	TON	BASE AGGREGATE DENSE	TON	3/4-INCH MATERIAL CRUSH	TON	OMP BASE AGGREGATE DENSE	TON	ASPHALTIC MIXTURE EXTREME	TON	REHEATING ASPHALTIC PAVEMENT LONGITUDINAL	JOINTS	ASPHALTIC SURFACE PATCHING	TON	ASPHALTIC SURFACE	TON	GEOGRID TYPE SR	
0010	1A	232+00	-	244+76	LT/RT	TEB1	360	1440	1440	2220	1440	1440	1440	-	-	-	-	-	-	786	3511	STAGING TEMPORARY WIDENING REMOVE PORK CHOP ISLAND		
	1A	244+82	-	245+04	LT	TEB2	-	-	-	-	-	-	-	-	-	-	-	-	11	564	STAGING TEMPORARY WIDENING			
	1A	46+49	-	56+16	LT/RT	TRR	140	950	950	-	950	950	950	-	-	-	-	-	30	135	STAGING TEMPORARY WIDENING			
	1A	245+57	-	247+50	LT	TEB1	45	79	79	86	79	79	79	-	-	-	-	-	180	802	REMOVE MEDIAN ISLAND			
	1A	245+68	-	251+15	LT/RT	TEB1	-	270	510	510	270	270	270	-	-	-	-	-	20	-	AFTER INSTALLING PIPE RUN			
	1A-LNW1	9+03	-	9+23	RT	LWS	-	-	-	-	-	-	-	-	-	-	-	-	38	-	AFTER INSTALLING PIPE RUN			
	1A-LNW1	168+54	-	169+05	LT	WB	-	-	-	-	-	-	-	-	-	-	-	-	92	-	-			
	1A-LNW2	165+99	-	168+64	RT	WB	-	-	-	-	-	-	-	-	-	-	-	-	8	36	-			
	1A-LNW2	167+26	-	167+59	RT	WB	-	12	23	23	12	12	12	-	-	-	-	-	97	-	SPLITTER ISLAND MEDIAN			
	1B	263+47	-	267+38	LT	TEB1	-	-	-	-	-	-	-	-	-	-	-	-	106	-	ISLAND MEDIAN			
	1C	52+98	-	55+04	LT	RNB	-	-	-	-	-	-	-	-	-	-	-	-	102	-	-			
	1C	244+41	-	245+14	LT	TEB1	-	-	-	-	-	-	-	-	-	-	-	-	64	-	-			
	1C	159+65	-	160+65	LT	WB	-	-	-	-	-	-	-	-	-	-	-	-	82	367	ROUNDBOUT TEMPORARY PAVEMENT			
	1C	174+49	-	175+00	RT	WB	13	130	230	230	130	130	130	-	-	-	-	-	62	-	-			
	1D-MED	186+20	-	188+42	LT	WB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	1D-MED	188+14	-	194+68	LT/RT	WB	-	570	1090	1090	570	570	570	-	-	-	-	-	391	1724	INCLUDES MATERIAL FOR ASPHALTIC CURB TEMP.			
	1D	231+38	-	244+22	RT	TEB2	91	710	1350	1350	710	710	710	-	-	-	-	478	2134	STAGING TEMPORARY WIDENING				
	1D	244+16	-	245+46	LT/RT	TEB2	23	38	89	89	38	38	38	-	-	-	-	113	503	ROUNDBOUT TEMPORARY PAVEMENT				
	1D	245+60	-	251+12	LT	TEB2	-	-	-	-	-	-	-	-	-	-	-	59	-	-	STAGING TEMPORARY WIDENING			
	1D	246+14	-	249+20	RT	TEB2	22	65	120	120	65	65	65	-	-	-	-	44	196	STAGING TEMPORARY WIDENING				
	1E	292+00	-	294+63	LT/RT	TEB2	45	130	179	179	130	130	130	-	-	-	-	63	283	TEMPORARY SINGLE LANE MEDIAN CROSSOVER				
	2A	147+65	-	151+49	LT/RT	TEB3	61	180	264	264	180	180	180	-	-	-	-	93	417	TEMPORARY SINGLE LANE MEDIAN CROSSOVER				
	2B-RAB	131+25	-	139+73	RT	EB	-	-	-	-	-	-	-	-	850	-	-	-	-	-	-	AFTER REMOVING TEMPORARY EB WIDENING		
	PROJECT LIMITS						-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-		
	UNDISTRIBUTED						70	426	5000	6731	5000	426	426	5000	0	850	25	3816	941	11050				
	CATEGORY 0010 SUBTOTAL						870	5000	5000	6731	5000	0	850	25	3816	11050								
0050	1A	256+70	-	260+97	LT/RT	TEB1	83	250	364	364	250	250	250	129	-	-	-	-	575	TEMPORARY 2-WAY MEDIAN CROSSOVER				
	1A	268+59	-	278+39	LT/RT	TEB1	36	370	656	656	370	370	366	366	-	-	-	-	1633	TEMPORARY 2-WAY MEDIAN CROSSOVER				
	1E	257+26	-	260+88	LT/RT	TEB2	86	210	282	282	210	210	210	-	-	-	-	100	446	TEMPORARY SINGLE LANE MEDIAN CROSSOVER				
	1E	272+64	-	275+76	LT/RT	TEB2	58	220	332	332	220	220	220	-	-	-	-	118	525	TEMPORARY SINGLE LANE MEDIAN CROSSOVER				
	UNDISTRIBUTED						27	110	166	166	110	110	45	45	-	-	-	22	318					
	CATEGORY 0050 SUBTOTAL						290	1160	1800	1800	1160	1160	540	0	240	3496								
PROJECT TOTAL							1160	6160	8531	6160	540	850	25	4056	14546									

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

PROJECT NO: 5290-00-72

HWY: STH 19

COUNTY: DANE

MISCELLANEOUS QUANTITIES

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SIDEWALKS AND CURB RAMPS																		E	
CAT	STA	TO	STA	OFFSET	ALIGN	LOCATION	305.0120*		371.1000.S*		465.0105		602.0405		602.0515		650.9000		
							BASE AGGREGATE DENSE 1 1/4- INCH	TON	QMP BASE AGGREGATE DENSE 1 1/4- INCH	TON	ASPHALTIC SURFACE	TON	CONCRETE SIDEWALK 4- INCH	SF	CURB RAMP DETECTABLE WARNING FIELD	SF	CURB RAMP DETECTABLE NATURAL PATINA	SF	CURB RAMP CONSTRUCTION STAKING
0010	143+78	-	143+88	RT	WB	MEDIAN ISLAND CURB RAMP	16		16		-	426	40	-	-	-	2		
	143+88	-	144+13	RT	WB	MEDIAN ISLAND	30		30		-	797	-	-	-	-	-		
	53+05	-	54+73	LT	RSB	MEDIAN ISLAND	86		86		-	2318	-	-	-	-	-		
	54+72	-	54+82	RT	RSB	MEDIAN ISLAND CURB RAMP	10		10		-	266	40	-	-	-	2		
	54+82	-	54+98	LT	RNB	MEDIAN ISLAND	18		18		-	489	-	-	-	-	-		
	54+10	-	54+62	LT	SES	SPLITTER ISLAND	31		31		-	831	-	-	-	-	-		
	54+62	-	54+72	LT	SES	SPLITTER ISLAND CURB RAMP	8		8		-	227	40	-	-	-	2		
	54+72	-	55+15	LT	SES	SPLITTER ISLAND	27		27		-	734	-	-	-	-	-		
	56+85	-	57+28	RT	SNW	SPLITTER ISLAND	27		27		-	732	-	-	-	-	-		
	57+28	-	57+38	RT	SNW	SPLITTER ISLAND CURB RAMP	8		8		-	227	40	-	-	-	2		
	57+38	-	57+90	RT	SNW	SPLITTER ISLAND	31		31		-	831	-	-	-	-	-		
	57+00	-	57+20	LT	RNE	MEDIAN ISLAND	19		19		-	518	-	-	-	-	-		
	57+20	-	57+30	LT	RNE	MEDIAN ISLAND CURB RAMP	10		10		-	262	40	-	-	-	2		
	57+30	-	59+41	LT	RNE	MEDIAN ISLAND	100		100		-	2735	-	-	-	-	-		
	143+56	-	143+75	LT	EB	MEDIAN	15		15		-	399	-	-	-	-	-		
	145+90	-	146+19	LT	EB	MEDIAN	33		33		-	901	-	-	-	-	-		
	146+19	-	146+29	LT	EB	MEDIAN CURB RAMP	17		17		-	469	40	-	-	-	2		
	146+28	-	146+41	LT	EB	MEDIAN	17		17		-	471	-	-	-	-	-		
	163+75	-	167+36	LT	EB	SPLITTER ISLAND	56		56		-	1509	-	-	-	-	-		
	7+65	-	9+61	RT	LWS	CURB RAMP	43		43		-	1152	20	-	-	-	1		
	168+49	-	168+70	RT	WB	SPLITTER ISLAND MEDIAN	1		1		-	22	-	-	-	-	-		
	168+70	-	168+80	RT	WB	SPLITTER ISLAND CURB RAMP	4		4		-	120	40	-	-	-	2		
	168+80	-	172+31	RT	WB	SPLITTER ISLAND MEDIAN	160		160		-	4201	-	-	-	-	-		
	8+85	-	9+47	LT	LES	CURB RAMP	12		12		-	337	20	-	-	-	1		
	CATEGORY 0010 SUBTOTAL						780		780	0		20974	320		0		16		
0050																			
	162+28	-	167+29	LT	EB	MEDIAN	100		100		-	2711	-	-	-	-	-		
	302+54	-	304+12	RT	TC	CURB RAMP	36		36		-	1003	-	-	54	-	2		
	302+62	-	302+65	RT	TCS	MEDIAN	0.4		0		-	11	-	-	-	-	-		
	302+65	-	302+75	RT	TCS	MEDIAN	2		2		-	53	-	-	-	-	-		
	302+65	-	304+37	LT	TCS	CURB RAMP	8		8		-	207	-	-	25	-	1		
	302+75	-	304+37	LT	TCS	SIDEWALK	99		99		25	-	-	-	-	-	-		
	302+75	-	304+07	RT	TCS	MEDIAN	34		34		-	911	-	-	-	-	-		
	168+87	-	173+70	RT	WB	MEDIAN	99		99		-	2640	-	-	-	-	-		
	10+40	-	10+75	LT	CW	MEDIAN ISLAND	12		12		-	312	-	-	-	-	-		
	CATEGORY 0050 SUBTOTAL						390		390	25		7848	0		79		3		
PROJECT TOTAL							1170		1170	25		28822	320		79		19		
*ADDITIONAL QUANTITIES LISTED ELSEWHERE																			
PROJECT NO: 5290-00-72							HWY: STH 19				COUNTY: DANE				MISCELLANEOUS QUANTITIES			SHEET NO: 237	

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LANDMARK REFERENCE MONUMENTS

CAT	DESCRIPTION	SPV.0060.02		SPV.0060.03	
		LANDMARK REFERENCE MONUMENTS SPECIAL	EACH	VERIFY LANDMARK REFERENCE MONUMENTS	EACH
0010	M.C. SECTION 31/6 T9N R10E, T8N R10E	1	1	4	4
	SECTION 6 T8N R10E	1	1	4	4
	SECTION 31 T9N R10E	1	1	4	4
	CATEGORY 0010 SUBTOTAL	3		12	
	PROJECT TOTAL	3		12	

YAHARA RIVER ACCESS ROAD AND WALKING PATH

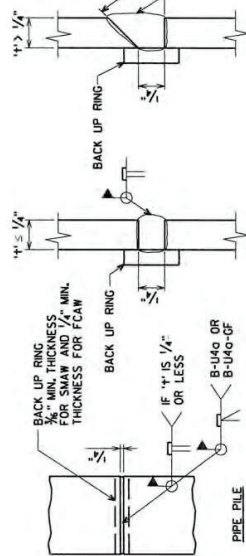
CAT	STA	TO	STA	ALIGN	LOCATION	305.0120* BASE AGGREGATE DENSE 1 1/4-INCH TON	371.1000.S* QMP BASE AGGREGATE DENSE 1 1/4-INCH COMPACTION TON	645.0140* GEOTEXTILE FABRIC TYPE SAS SY	SPV.0105.01 WALKING PATH LS	SPV.0105.02 CANOE & KAYAK LAUNCH LS	SPV.0105.03 INSTALLING FURNISHED DANE COUNTY PARK KIOSK LS	SPV.0105.04 INSTALLING FURNISHED DANE COUNTY PARK SIGN LS
	154+83	-	156+58	YA	WALKING PATH	1230	1230	140	1	-	1	1
	154+83	YA			CANOE & KAYAK LAUNCH	50	50	5	-	1	-	-
					CATEGORY 0010 SUBTOTAL	1280	1280	145	1	1	1	1
					PROJECT TOTAL	1280	1280	145	1	1	1	1

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	W. STR. APR. SLAB	E. ABUT.	E. STR. APR. SLAB	SUPER.	TOTAL
205.1000	EXCAVATION FOR STRUCTURES BRIDGES B-13-794	LS					1
205.1010	STRUCTURE TYPE A	TON		180			350
205.0120	BASE CONCRETE DENSE 17" INCH	TON	185		185		370
502.0100	CONCRETE MASONRY BRIDGES	CY	60	53	60	182	410
502.3200	PROTECTIVE SURFACE TREATMENT	SY	90		90	420	600
502.3210	PLGMENTED SURFACE SEALER	SY	20		20	90	130
503.0146	PRESSRESSED ORDER TYPE I 45W-INCH	LF				430	430
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	3,390	3,170			6,560
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	10,450	1,740	10,450	28,490	53,120
505.0800-S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	730		730		1,460
506.2800	BEARING PAIDS ELASTOMERIC NON-LAMINATED	EACH	5	5			10
506.4000	STEEL DIAPHRAGMS B-13-794	EACH				8	8
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	12	12			24
550.0500	PILE POINTS	EACH	13	13			26
550.2108	PILING CIP CONCRETE 10 1/2" x 0.50'-INCH	LF	520	455		975	
606.0300	PIRAPAP HEAVY	CY	240	250		490	
612.0408	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	95	95		190	
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	2		2		4
645-0111	GEOTEXTILE TYPE DP SCHEDULE A	SY	40	40		80	
645-0112	GEOTEXTILE TYPE HR	SY	430	450		880	
	NON-BID ITEMS						
	FILLER	SIZE					1/2" & 3/4"

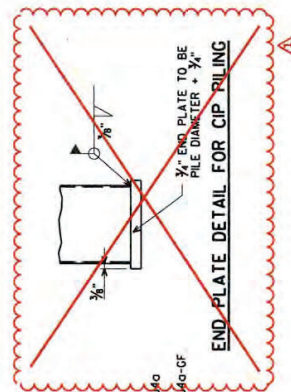
● PILING TO BE ASTM A252 (GRADE 3) WITH A $f_y = 45,000$ p.s.i.



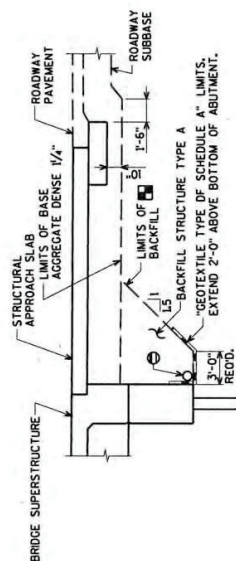
PILE SPLICE DETAIL

CAST-IN-PLACE PILE SHELL MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

CIP PILE WELD DETAIL



GENERAL NOTES

[illegible]

BACKFILL STRUCTURE LIMITS

- BACKFILL PAY LIMITS, BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.
- PIPE UNDERDRAIN WRAPPED 6-INCH, SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN AS DETAILED ON SHEET 9.

 WISCONSIN DEPARTMENT OF TRANSPORTATION	7/19	REMOVE END PLATE DETAIL	AYRES
	NO. DATE	REVISION	BY

STRUCTURE B-13-794		CL5	PLANS CDD.	CBM
		GRAIN BY		

QUANTITIES AND NOTES	SHEET 3 OF 26	514
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AYRES ASSOCIATES
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
www.AyresAssociates.com

Addendum No. 01
ID 5290-00-72
Revised Sheet 514
July 25, 2019

William C. Diehn SDR
07/23/19

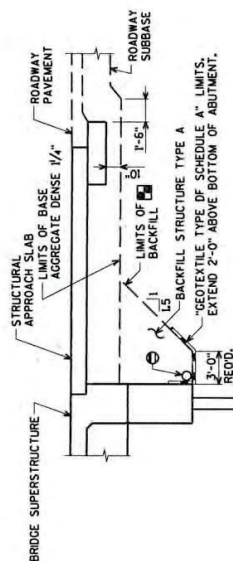
Professional Engineer Seal for Christopher B. McMahon, License E-29454, State of California, expires 7/23/19.

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	LIMIT	W. STR. APR. SLAB	W. ABUT.	E. ABUT.	E. STR. APR. SLAB	SUPER.	TOTAL
203.0600.S	REMOVING OLD STRUCTURE OVER WATERWAY WITH MINIMAL DEBRIS STATION 155+11WB'	LS	-----	-----	-----	-----	-----	1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-13-795	LS	-----	-----	-----	-----	-----	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	-----	180	180	-----	-----	360
505.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	-----	185	185	-----	-----	370
502.0100	CONCRETE MASONRY BRIDGES	CY	60	53	53	60	182	410
502.3200	PROTECTIVE SURFACE TREATMENT	SY	90	-----	-----	90	420	600
502.3210	PIGMENTED SURFACE SEALER	SY	20	-----	-----	20	90	130
503.0146	PRESTRESSED GIRDER TYPE I 45W-INCH	LF	-----	-----	-----	-----	430	430
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	-----	3,390	3,170	-----	-----	6,560
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	-----	1,990	1,740	-----	28,450	53,120
505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB	-----	-----	-----	-----	730	1,460
506.2605	BEARING PAUS ELASTOMERIC NON-LAMINATED	EACH	-----	5	5	-----	-----	10
506.4000	STEEL DIAPHRAGMS B-13-795	EACH	-----	-----	-----	-----	-----	8
518.0500	RUBBERIZED MEMBRANE WATERPROOFING	SQ	-----	12	12	-----	-----	24
530.0500	PILE POINTS	EACH	-----	320	320	-----	-----	1,040
530.2108	CONCRETE 10 1/4" x 0.50-INCH	CY	-----	320	320	-----	-----	1,040
606.0100	STEEL UNDERPINNINGS	LF	-----	555	555	-----	-----	1,110
612.0100	PYLE UNDERPINNINGS WRAPPED 6-INCH	LF	-----	-----	-----	-----	2	4
645.0110	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	-----	40	40	-----	-----	80
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	-----	435	435	-----	-----	860
645.0120	GEOTEXTILE TYPE HR	SY	-----	-----	-----	-----	-----	-----
	NON-BID ITEMS							
	FILLER	SIZE						1/2" & 3/4"

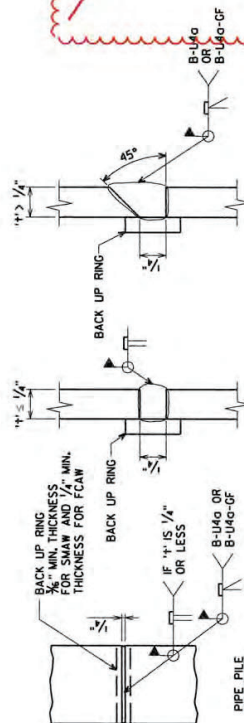
GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS SHOWN OR NOTED OTHERWISE.
THE FIRST DIGIT OF A THREE DIGIT BAR NO. AND THE FIRST TWO DIGITS OF A FOUR DIGIT BAR NO. SIGNIFIES THE BAR SIZE.
THE SECOND AND THIRD DIGIT OF THE BAR NUMBER INDICATES THE FOLLOWING:
A.A.S.H.T.O. DESIGNATION
15A TYPE 1, II OR III OR
213.
THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH RIPRAP HEAVY AND GEOTEXTILE TYPE NR TO THE EXISTING SHOWN ON THE GENERAL PLAN SHEET AND IN THE ABUTMENT DETAILS.
THE EXISTING GROUNDLINE SHALL BE SHOWN ON THE GENERAL PLAN SHEET AND IN THE ABUTMENT DETAILS.
EXISTING BRIDGE R-13-861 IS A TWO-SPAN CONCRETE HAUNCH SLAB BRIDGE WITH AN OVERALL LENGTH OF 77'-8" AND A CLEAR ROADWAY WIDTH OF 44'-0". THE EXISTING BRIDGE IS TO BE REMOVED BEFORE CONSTRUCTING R-13-793.
AT BACKFACE OF ABUTMENTS ALL VOLUME WHICH CANNOT BE EXCAVATED TO THE EXISTING GROUNDLINE SHALL BE BACKFILLED WITH STRUCTURE TYPE A.
PROTECTIVE SURFACE TREATMENT AND PIGMENTED SURFACE SEALER IS TO BE APPLIED AS SHOWN IN DETAIL ON SHEET 2.
THE BACKFILL QUANTITIES ARE BASED ON THE PAY LIMITS SHOWN ON THE PLANS AND MAY NOT REFLECT ACTUAL PLACED QUANTITIES.
THE EXISTING GROUNDLINE SHALL BE SHOWN ON THE GENERAL PLAN SHEET AND ABUTMENT WINGS FOR FEET BACKFILL PLACED BEYOND PAY LIMITS OR EXCEEDING PLAN QUANTITIES SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES.
EXCAVATION BELOW THE ABUTMENT AND ABUTMENT BEDDING MATERIALS REQUIRES ENGINEER APPROVAL. GEOTEXTILE SHALL BE SET AT THE BOTTOM OF EXCAVATION AND EXTEND 2'-0" ABOVE BOTTOM OF ABUTMENT.
THE EXISTING GROUNDLINE SHALL BE SHOWN ON THE GENERAL PLAN SHEET. PROVIDE THE EXISTING GROUNDLINE AS SMOOTH AND TRUE.
THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE PRESTRESSED CONCRETE DETAILS SHEET.
BEVEL EXPOSED EDGES OF CONCRETE $\frac{3}{4}$ " UNLESS OTHERWISE NOTED.



BACKFILL STRUCTURE LIMITS

- BACKFILL PAY LIMITS, BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.
- PIPE UNDERDRAIN WRAPPED 6-INCH, SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH ROCKET SHIELD AT ENDS OF PIPE UNDERDRAIN AS DETAILED ON SHEET 9.



PILE SPLICE DETAIL

CAST-IN-PLACE PILE SHELL MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

CIP PILE WELD DETAIL

~~END PLATE DETAIL FOR CIP PILING~~

Addendum No. 01
ID 5290-00-72
Revised Sheet 540
July 25, 2019

William C. Dechen^{SOR}
07/23/19



7/23/19

AYRES ASSOCIATES
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
www.AyresAssociates.com

STRUCTURE B-13-795

QUANTITIES
AND NOTES

SHEET 3 OF 26

540



Proposal Schedule of Items

Page 3 of 21

Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

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	209.2500 Backfill Granular Grade 2	10,600.000 TON	_____.	_____.
0064	210.1500 Backfill Structure Type A	720.000 TON	_____.	_____.
0066	213.0100 Finishing Roadway (project) 01. 5290-00-72	1.000 EACH	_____.	_____.
0068	305.0110 Base Aggregate Dense 3/4-Inch	3,470.000 TON	_____.	_____.
0070	305.0120 Base Aggregate Dense 1 1/4-Inch	50,880.000 TON	_____.	_____.
0072	312.0110 Select Crushed Material	57,027.000 TON	_____.	_____.
0076	405.0100 Coloring Concrete WisDOT Red	152.000 CY	_____.	_____.
0078	415.0085 Concrete Pavement 8 1/2-Inch	40,169.000 SY	_____.	_____.
0080	415.0210 Concrete Pavement Gaps	2.000 EACH	_____.	_____.
0082	415.0410 Concrete Pavement Approach Slab	296.000 SY	_____.	_____.
0084	415.1085 Concrete Pavement HES 8 1/2-Inch	2,406.000 SY	_____.	_____.
0086	416.0160 Concrete Driveway 6-Inch	37.000 SY	_____.	_____.
0088	416.0512 Concrete Truck Apron 12-Inch	457.000 SY	_____.	_____.
0090	416.0610 Drilled Tie Bars	45.000 EACH	_____.	_____.
0092	416.0620 Drilled Dowel Bars	32.000 EACH	_____.	_____.
0094	416.1010 Concrete Surface Drains	7.000 CY	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0096	416.1110 Concrete Shoulder Rumble Strips	1,152.000 LF	_____.	_____.
0098	450.1100.S Asphaltic Mixture For Extreme Conditions	540.000 TON	_____.	_____.
0100	450.4000 HMA Cold Weather Paving	1,757.000 TON	_____.	_____.
0102	455.0605 Tack Coat	698.000 GAL	_____.	_____.
0104	460.2000 Incentive Density HMA Pavement	3,630.000 DOL	1.00000	3,630.00
0106	460.4110.S Reheating HMA Pavement Longitudinal Joints	850.000 LF	_____.	_____.
0108	460.5223 HMA Pavement 3 LT 58-28 S	95.000 TON	_____.	_____.
0110	460.5224 HMA Pavement 4 LT 58-28 S	2,393.000 TON	_____.	_____.
0112	460.6223 HMA Pavement 3 MT 58-28 S	165.000 TON	_____.	_____.
0114	460.6224 HMA Pavement 4 MT 58-28 S	1,249.000 TON	_____.	_____.
0116	465.0105 Asphaltic Surface	25.000 TON	_____.	_____.
0118	465.0110 Asphaltic Surface Patching	25.000 TON	_____.	_____.
0120	465.0120 Asphaltic Surface Driveways and Field Entrances	23.000 TON	_____.	_____.
0122	465.0125 Asphaltic Surface Temporary	4,056.000 TON	_____.	_____.
0124	465.0315 Asphaltic Flumes	217.000 SY	_____.	_____.
0126	465.0400 Asphaltic Shoulder Rumble Strips	3,739.000 LF	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0128	465.0425 Asphaltic Shoulder Rumble Strips 2-Lane Rural	351.000 LF	_____.	_____.
0130	465.0475 Asphalt Centerline Rumble Strips 2-Lane Rural	351.000 LF	_____.	_____.
0132	502.0100 Concrete Masonry Bridges	820.000 CY	_____.	_____.
0134	502.3200 Protective Surface Treatment	1,200.000 SY	_____.	_____.
0136	502.3210 Pigmented Surface Sealer	260.000 SY	_____.	_____.
0138	503.0146 Prestressed Girder Type I 45W-Inch	860.000 LF	_____.	_____.
0140	505.0400 Bar Steel Reinforcement HS Structures	13,120.000 LB	_____.	_____.
0142	505.0600 Bar Steel Reinforcement HS Coated Structures	106,240.000 LB	_____.	_____.
0144	505.0800.S Bar Steel Reinforcement HS Stainless Structures	2,920.000 LB	_____.	_____.
0146	506.2605 Bearing Pads Elastomeric Non-Laminated	20.000 EACH	_____.	_____.
0148	506.4000 Steel Diaphragms (structure) 01. B-13-0794	8.000 EACH	_____.	_____.
0150	506.4000 Steel Diaphragms (structure) 02. B-13-0795	8.000 EACH	_____.	_____.
0152	511.1300 Temporary Shoring (location) Marsh Excavation	1,450.000 SF	_____.	_____.
0154	516.0500 Rubberized Membrane Waterproofing	48.000 SY	_____.	_____.
0156	520.1015 Apron Endwalls for Culvert Pipe 15-Inch	2.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0158	520.1018 Apron Endwalls for Culvert Pipe 18-Inch	8.000 EACH	_____.	_____.
0160	520.2012 Culvert Pipe Temporary 12-Inch	78.000 LF	_____.	_____.
0162	520.2018 Culvert Pipe Temporary 18-Inch	952.000 LF	_____.	_____.
0164	520.2042 Culvert Pipe Temporary 42-Inch	158.000 LF	_____.	_____.
0166	520.3315 Culvert Pipe Class III-A 15-Inch	27.000 LF	_____.	_____.
0168	520.3318 Culvert Pipe Class III-A 18-Inch	168.000 LF	_____.	_____.
0170	520.8000 Concrete Collars for Pipe	5.000 EACH	_____.	_____.
0172	520.8700 Cleaning Culvert Pipes	3.000 EACH	_____.	_____.
0174	521.1518 Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 6 to 1	2.000 EACH	_____.	_____.
0176	521.2005.S Surface Drain Pipe Corrugated Metal Slotted (inch) 18-Inch	406.000 LF	_____.	_____.
0178	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	3.000 EACH	_____.	_____.
0180	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	8.000 EACH	_____.	_____.
0182	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	3.000 EACH	_____.	_____.
0184	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	5.000 EACH	_____.	_____.
0186	522.1042 Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 7 of 21

Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0188	522.2324 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	122.000 LF	_____.	_____.
0190	522.2624 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	4.000 EACH	_____.	_____.
0192	550.0500 Pile Points	52.000 EACH	_____.	_____.
0194	550.2108 Piling CIP Concrete 10 3/4 X 0.50-Inch	2,015.000 LF	_____.	_____.
0196	601.0115 Concrete Curb Type G	96.000 LF	_____.	_____.
0198	601.0405 Concrete Curb & Gutter 18-Inch Type A	333.000 LF	_____.	_____.
0200	601.0409 Concrete Curb & Gutter 30-Inch Type A	3,475.000 LF	_____.	_____.
0202	601.0411 Concrete Curb & Gutter 30-Inch Type D	637.000 LF	_____.	_____.
0204	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	5,271.000 LF	_____.	_____.
0206	601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	1,237.000 LF	_____.	_____.
0208	601.0580 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R	415.000 LF	_____.	_____.
0210	601.0586 Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type TBTT	91.000 LF	_____.	_____.
0212	601.0600 Concrete Curb Pedestrian	391.000 LF	_____.	_____.
0214	602.0405 Concrete Sidewalk 4-Inch	28,822.000 SF	_____.	_____.



Proposal Schedule of Items

Page 8 of 21

Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0216	602.0515 Curb Ramp Detectable Warning Field Natural Patina	320.000 SF	_____.	_____.
0218	602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina	79.000 SF	_____.	_____.
0220	606.0100 Riprap Light	58.000 CY	_____.	_____.
0222	606.0200 Riprap Medium	14.000 CY	_____.	_____.
0224	606.0300 Riprap Heavy	970.000 CY	_____.	_____.
0226	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	630.000 LF	_____.	_____.
0228	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	719.000 LF	_____.	_____.
0230	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	274.000 LF	_____.	_____.
0232	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	482.000 LF	_____.	_____.
0234	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	210.000 LF	_____.	_____.
0236	611.0430 Reconstructing Inlets	2.000 EACH	_____.	_____.
0238	611.0530 Manhole Covers Type J	5.000 EACH	_____.	_____.
0240	611.0624 Inlet Covers Type H	29.000 EACH	_____.	_____.
0242	611.0642 Inlet Covers Type MS	7.000 EACH	_____.	_____.
0244	611.0652 Inlet Covers Type T	2.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0246	611.2006 Manholes 6-FT Diameter	4.000 EACH	_____.	_____.
0248	611.2008 Manholes 8-FT Diameter	2.000 EACH	_____.	_____.
0250	611.3225 Inlets 2x2.5-FT	2.000 EACH	_____.	_____.
0252	611.3230 Inlets 2x3-FT	28.000 EACH	_____.	_____.
0254	611.3901 Inlets Median 1 Grate	1.000 EACH	_____.	_____.
0256	611.3902 Inlets Median 2 Grate	3.000 EACH	_____.	_____.
0258	611.8120.S Cover Plates Temporary	16.000 EACH	_____.	_____.
0260	612.0106 Pipe Underdrain 6-Inch	8,299.000 LF	_____.	_____.
0262	612.0206 Pipe Underdrain Unperforated 6-Inch	223.000 LF	_____.	_____.
0264	612.0406 Pipe Underdrain Wrapped 6-Inch	380.000 LF	_____.	_____.
0266	614.0150 Anchor Assemblies for Steel Plate Beam Guard	8.000 EACH	_____.	_____.
0268	614.1200 MGS Guardrail Temporary Terminal EAT	1.000 EACH	_____.	_____.
0270	614.2300 MGS Guardrail 3	804.000 LF	_____.	_____.
0272	614.2500 MGS Thrie Beam Transition	203.000 LF	_____.	_____.
0274	614.2610 MGS Guardrail Terminal EAT	4.000 EACH	_____.	_____.
0276	614.2620 MGS Guardrail Terminal Type 2	2.000 EACH	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0278	616.0700.S Fence Safety	80.000 LF	_____.	_____.
0280	618.0100 Maintenance And Repair of Haul Roads (project) 01. 5290-00-72	1.000 EACH	_____.	_____.
0282	619.1000 Mobilization	1.000 EACH	_____.	_____.
0284	620.0200 Concrete Median Blunt Nose	89.000 SF	_____.	_____.
0286	620.0300 Concrete Median Sloped Nose	491.000 SF	_____.	_____.
0288	623.0200 Dust Control Surface Treatment	78,120.000 SY	_____.	_____.
0290	624.0100 Water	435.000 MGAL	_____.	_____.
0292	625.0500 Salvaged Topsoil	138,470.000 SY	_____.	_____.
0294	627.0200 Mulching	142,500.000 SY	_____.	_____.
0296	628.1504 Silt Fence	3,920.000 LF	_____.	_____.
0298	628.1520 Silt Fence Maintenance	3,920.000 LF	_____.	_____.
0300	628.1905 Mobilizations Erosion Control	13.000 EACH	_____.	_____.
0302	628.1910 Mobilizations Emergency Erosion Control	13.000 EACH	_____.	_____.
0304	628.1920 Cleaning Sediment Basins	76.000 CY	_____.	_____.
0306	628.2004 Erosion Mat Class I Type B	29,270.000 SY	_____.	_____.
0308	628.2023 Erosion Mat Class II Type B	300.000 SY	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0310	628.6005 Turbidity Barriers	500.000 SY	_____.	_____.
0312	628.6510 Soil Stabilizer Type B	7.000 ACRE	_____.	_____.
0314	628.7005 Inlet Protection Type A	35.000 EACH	_____.	_____.
0316	628.7015 Inlet Protection Type C	35.000 EACH	_____.	_____.
0318	628.7020 Inlet Protection Type D	37.000 EACH	_____.	_____.
0320	628.7504 Temporary Ditch Checks	2,400.000 LF	_____.	_____.
0322	628.7515.S Stone or Rock Ditch Checks	70.000 CY	_____.	_____.
0324	628.7555 Culvert Pipe Checks	60.000 EACH	_____.	_____.
0326	628.7560 Tracking Pads	12.000 EACH	_____.	_____.
0328	628.7570 Rock Bags	50.000 EACH	_____.	_____.
0330	629.0210 Fertilizer Type B	133.000 CWT	_____.	_____.
0332	630.0120 Seeding Mixture No. 20	3,630.000 LB	_____.	_____.
0334	630.0140 Seeding Mixture No. 40	600.000 LB	_____.	_____.
0336	630.0171 Seeding Mixture No. 70A	34.000 LB	_____.	_____.
0338	630.0200 Seeding Temporary	1,879.000 LB	_____.	_____.
0340	630.0300 Seeding Borrow Pit	910.000 LB	_____.	_____.
0342	631.0300 Sod Water	45.000 MGAL	_____.	_____.



Proposal Schedule of Items

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Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0344	631.1000 Sod Lawn	100.000 SY	_____.	_____.
0346	631.1100 Sod Erosion Control	137.000 SY	_____.	_____.
0348	633.5200 Markers Culvert End	16.000 EACH	_____.	_____.
0350	634.0612 Posts Wood 4x6-Inch X 12-FT	16.000 EACH	_____.	_____.
0352	634.0614 Posts Wood 4x6-Inch X 14-FT	14.000 EACH	_____.	_____.
0354	634.0616 Posts Wood 4x6-Inch X 16-FT	49.000 EACH	_____.	_____.
0356	634.0618 Posts Wood 4x6-Inch X 18-FT	17.000 EACH	_____.	_____.
0358	634.0622 Posts Wood 4x6-Inch X 22-FT	3.000 EACH	_____.	_____.
0360	637.1220 Signs Type I Reflective SH	391.000 SF	_____.	_____.
0362	637.2210 Signs Type II Reflective H	906.000 SF	_____.	_____.
0364	637.2215 Signs Type II Reflective H Folding	67.000 SF	_____.	_____.
0366	637.2230 Signs Type II Reflective F	219.000 SF	_____.	_____.
0368	638.2102 Moving Signs Type II	36.000 EACH	_____.	_____.
0370	638.2602 Removing Signs Type II	114.000 EACH	_____.	_____.
0372	638.3000 Removing Small Sign Supports	63.000 EACH	_____.	_____.
0374	638.4000 Moving Small Sign Supports	28.000 EACH	_____.	_____.



Wisconsin Department of Transportation

July 30, 2019

**Division of Transportation Systems
Development**

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

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

NOTICE TO ALL CONTRACTORS:

Proposal #03: 5290-00-72, WISC 2019 576
USH 12 – IH 39
River Road to IH 39
STH 19
Dane County

Letting of August 13, 2019

This is Addendum No. 02, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
41	Pipe Underdrain 6-Inch

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

5290-00-72

July 30, 2019

Special Provisions

41. Pipe Underdrain 6-Inch

Replace paragraph two with the following:

This item shall include providing Geotextile Fabric Type DF Schedule A conforming to the pertinent requirements of section 645.2.1 and 645.2.4 of the standard specifications and coarse aggregate size No. 1 conforming to the pertinent requirements of section 501.2.5.4 of the standard specifications.

END OF ADDENDUM



Wisconsin Department of Transportation

August 8, 2019

Division of Transportation Systems Development

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

Telephone: (608) 266-1631

Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #03: 5290-00-72, WISC 2019 576
USH 12 – IH 39
River Road to IH 39
STH 19
Dane County

Letting of August 13, 2019

This is Addendum No. 03, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
54	Fill Existing Rumble Strips, Item SPV.0090.02

Deleted Special Provisions	
Article No.	Description
55	Restore Existing Rumble Strips, Item SPV.0090.03

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
305.0110	Base Aggregate Dense ¾ Inch	Ton	3,470	10	3,480
305.0120	Base Aggregate Dense 1 ¼ Inch	Ton	50,880	10	50,890
450.4000	HMA Cold Weather Paving	Ton	1,757	182	1,939
455.0605	Tack Coat	Gal	698	66	764
460.5224	HMA Pavement 4 LT 58-28 S	Ton	2,393	76	2,469
460.6224	HMA Pavement 4 MT 58-28 S	Ton	1,249	106	1,355
465.0400	Asphaltic Shoulder Rumble Strips	LF	3,739	70	3,809
690.0150	Sawing Asphalt	LF	3,135	100	3,235

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0115	Removing Asphaltic Surface Butt Joints	SY	0	11	11
204.0120	Removing Asphaltic Surface Milling	SY	0	950	950

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0090	Special 03. Restore Existing Rumble Strips	LF	355	-355	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
7	Added a typical section to show mill and overlay
45	Revised paving detail to show mill and overlay
223	Added misc quantity for milling items
228	Revised base aggregate quantities in misc quantities
231	Revised rumble strip quantity and removed restoring rumble strip item in misc quantities
232	Revised several asphaltic paving items in misc quantities
265	Revised sawing item in misc quantities
285	Revised plan and profile sheet for eastbound STH 19 to show mill and overlay
290	Revised plan and profile sheet for westbound STH 19 to show mill and overlay
551	Bar B411 removed from east abutment detail

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 03

5290-00-72

August 8, 2019

Special Provisions

54. Fill Existing Rumble Strips, Item SPV.0090.02

Replace paragraph B Materials and paragraph C Construction with the following:

B Materials

Furnish asphaltic mixture meeting the requirements specified for Asphaltic Surface Temporary under standard spec 465.2.

B Construction

Clean, fill, and compact the rumble strip indentations using methods that will provide a sound smooth surface which will handle traffic and not leave a detrimental residue on the surface. Special care to limit the splatter of asphaltic material onto existing asphalt is required.

55. DELETED

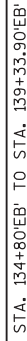
Schedule of Items

Attached, dated August 8, 2019, are the revised Schedule of Items Pages 1 – 22.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 7, 45, 223, 228, 231, 232, 265, 285, 290, and 551.

END OF ADDENDUM

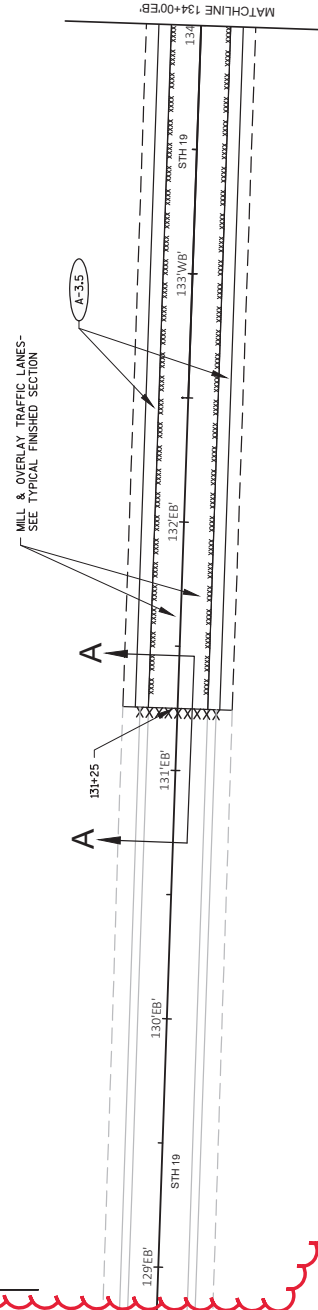
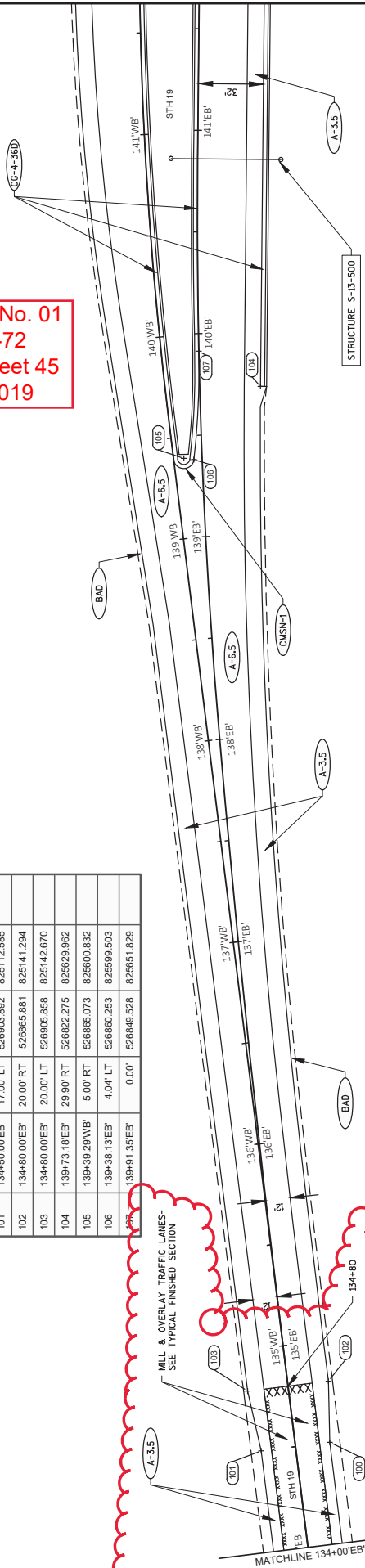


* WHEN 20' OR LESS BETWEEN 'WB' R_L AND 'EB' R_L, OR UNDER A PAVED SURFACE, PROVIDE BASE LAYERS ACROSS ENTIRE MEDIAN.

Technical cross-section diagram of a road shoulder and drainage system. The diagram shows a 32' clear zone on the left, followed by a 10.25' wide area containing a "SEED" and "EMULCH" layer. This is followed by a 3' wide area with "LIMITS OF SALVAGED TOPSOIL" and "SEED" and "EMULCH" layers. The main road surface consists of a 14" base aggregate dense 1 1/4" layer, a 3.5" HMA pavement (one layer = 4 LT 58-28 S), and a 12" select crushed material layer. A 4" wide area on the right contains a "PIPE UNDERDRAIN" (one layer = 4 LT 58-28 S), a 3.5" HMA pavement (one layer = 4 LT 58-28 S), and a 12" select crushed material layer. The diagram also shows a 4" wide area on the far right with a "PIPE UNDERDRAIN" (one layer = 4 LT 58-28 S), a 3.5" HMA pavement (one layer = 4 LT 58-28 S), and a 12" select crushed material layer. The diagram includes various dimensions and labels for materials and layers.

WISDOT/CADD SHEET 42

Addendum No. 01
ID 5290-00-72
Revised Sheet 45
August 8, 2019



SECTION A-A

2' PAY LIMITS FOR "REMOVING ASPHALTIC SURFACE BUTT JOINTS"

EXISTING 2.5"-3.25"
ASPHALTIC PAVEMENT

SAW CUT

MILL & OVERLAY EXISTING VAR 2.5"-3.25"
ASPHALTIC PAVEMENT WITH 2" HMA
PAVEMENT 4 MT 58-28 S (ONE LAYER)

EXISTING 8"
CONCRETE PAVEMENT
TO REMAIN

CLEARING & GRUBBING						
			201.0105	201.0205		
			CLEARING GRUBBING			
CAT	STA	TO STA	OFFSET	ALIGN	STA	STA
0010						
	152+00	- 153+00	RT	EB	1	1
	154+00	- 156+00	RT	EB	2	2
	155+00	- 157+00	LT	WB	2	2
	163+00	- 164+00	LT	EB	1	1
	7+00	- 10+00	RT	LWS	3	3
	176+00	- 183+00	RT	EB	7	7
	186+00	- 192+00	RT	EB	6	6
	154+50	- 155+50	RT	YA	1	1
	154+50	- 155+50	LT	YA	1	1
CATEGORY 0010 SUBTOTAL					24	24
PROJECT TOTAL					24	24

REMOVING ASPHALTIC SURFACE						
204.0110						
REMOVING ASPHALTIC SURFACE						
CAT	STA	TO STA	OFFSET	ALIGN	SY	COMMENTS
0010						
	163+67	- 167+59	LT	EB	430	STAGE 1D-LNW MEDIAN ISLAND
	168+78	- 172+75	RT	WB	1630	STAGE 1D-LNW MEDIAN ISLAND
	52+98	- 54+93	LT	RNB	470	STAGE 2B-RAB- MEDIAN ISLAND
CATEGORY 0010 SUBTOTAL					2530	
0050						
	256+71	- 260+97	LT/RT	TEB1	570	STAGE 1E- MEDIAN CROSSOVER
CATEGORY 0050 SUBTOTAL					570	
PROJECT TOTAL					3100	

REMOVING ASPHALTIC SURFACE MILLING & BUTT JOINTS						
204.0115						
REMOVING ASPHALTIC SURFACE BUTT JOINTS SURFACE MILLING						
CAT	STA	TO STA	ALIGN	SY	SY	
0010						
	131+25	- 134+80	EB	11	950	
CATEGORY 0010 SUBTOTAL					11	950
PROJECT TOTAL					11	950

REMOVING PAVEMENT						
204.0100						
REMOVING PAVEMENT						
CAT	STA	TO STA	OFFSET	ALIGN	LOCATION	SY
0010						
	134+80	- 154+73	LT/RT	WB	WEST OF B-13-795	8620
	55+19	LT/RT	RNB		SOUTH RIVER RD	460
	55+35	LT/RT	RSB		NORTH RIVER RD	460
	155+50	- 194+55	LT/RT	WB	EAST OF B-13-795	16500
CATEGORY 0010 SUBTOTAL						26040
PROJECT TOTAL						26040

REMOVING CURB & GUTTER AND SIDEWALK						
204.0130						
REMOVING CURB & GUTTER CONCRETE SIDEWALK						
CAT	STA	TO STA	OFFSET	ALIGN	LOCATION	SY
0010						
	7+66	- 9+98	RT	LWS	SIDEWALK	130
	7+66	- 10+39	LT	LWS		310
	7+66	- 10+39	RT	LWS		290
	10+44	- 10+82	LT	CW	SPLITTER ISLAND	95
	10+56	- 11+18	LT	CW		90
	10+56	- 11+18	RT	CW		80
	8+00	- 10+27	RT	LES		160
	8+00	- 10+37	LT	LES		180
CATEGORY 0010 SUBTOTAL					95	1110
PROJECT TOTAL					95	1110

REMOVING CONCRETE BASE						
204.0195*						
REMOVING CONCRETE BASE						
CAT	STA	TO STA	OFFSET	ALIGN	EACH	
0010						
	152+12	- 6.8' LT		WB	1	
CATEGORY 0010 SUBTOTAL					1	
PROJECT TOTAL					1	

Addendum No. 01
ID 5290-00-72
Revised Sheet 223
August 8, 2019

BASE AGGREGATE MATERIAL

CAT	STA	TO	STA	ALI	305.0110*			305.0120*			3711.1000.9*			WATER MGAL
					BASE AGGREGATE			BASE AGGREGATE			COMP BASE			
					DENSE 3/4-INCH	DENSE 1 1/4-INCH	TON	DENSE 3/4-INCH	DENSE 1 1/4-INCH	TON	1 1/4-INCH COMPACTION	TON	TON	
0010	131+25	-	144+25	WB	140		6960	6950			71			
	10+00	-	14+27	CR	-		780	780			8			
	49+90	-	55+09	RSB	66		2470	2470			25			
	56+78	-	62+10	RNB	83		2640	2640			27			
	145+85	-	154+32	WB	170		3320	3320			35			
	155+58	-	194+55	WB	900		16000	16000			170			
	7+65	-	9+64	LWS	-		540	540			5			
	8+85	-	9+64	LES	-		190	190			2			
	156+58	-	167+96	YA	750		1570	1570			23			
	UNDISTRIBUTED				211		3440	3440			34			
	CATEGORY 0010 SUBTOTAL				2320		37910	37900			400			
0050														
51+30	-	55+08	RNB	-		54	54			1				
57+08	-	59+64	RSB	-		280	280			3				
159+54	-	167+59	EB	-		580	580			6				
8+00	-	9+64	LWS	-		97	97			1				
302+47	-	304+37	TCS	-		1560	1560			16				
10+36	-	11+18	CW	-		570	570			6				
UNDISTRIBUTED				0		310	310			3				
CATEGORY 0050 SUBTOTAL				0		3450	3450			35				
PROJECT TOTAL											41360	41350	485	

SELECT CRUSHED MATERIAL

CAT	STA	TO	STA	ALIGN	CRUSHED MATERIAL	SELECT TON	312.0110*	645.0220*	GEOGRID TYPE SR
0010	134+80	-	143+00	WB/EB		3630			5710
	143+00	-	147+00	WB/EB		4350			6870
	52+83	-	54+00	RNB		620			960
	58+00	-	59+64	RNB		660			1020
	147+00	-	154+34	EB		2200			3450
	147+00	-	154+48	WB		2160			3380
	155+62	-	194+00	EB		12200			19240
	155+75	-	194+55	WB		10800			17010
	UNDISTRIBUTED EBS					5770			-
	CATEGORY 0010 SUBTOTAL					42390			57640
	CATEGORY 0010 SUBTOTAL								
0050	52+83	-	55+04	RNB		93			150
	57+93	-	59+64	RNB		500			790
	159+54	-	167+59	EB		1610			2530
	9+14	-	9+64	LWS		93			150
	302+37	-	302+96	TC		1000			1580
	168+42	-	176+81	WB		1280			2020
	10+26	-	10+82	CW		870			1370
	UNDISTRIBUTED EBS					660			-
	CATEGORY 0050 SUBTOTAL					6106			8590
	CATEGORY 0050 SUBTOTAL								
	PROJECT TOTAL					48496			66230
	*ADDITIONAL QUANTITIES LISTED ELSEWHERE								
	**INCLUDES FRENCH DRAIN QUANTITIES								

Addendum No. 01
ID 5290-00-72
Revised Sheet 228
August 8, 2019

THIS ITEM WAS
REMOVED AS PART
OF ADDENDUM 01

CURB TEMPORARY

*** ADDITIONAL QUANTITIES LISTED ELSEWHERE**

ASPHALT

PROJECT TOTAL	217
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~~SPV.0090.03~~

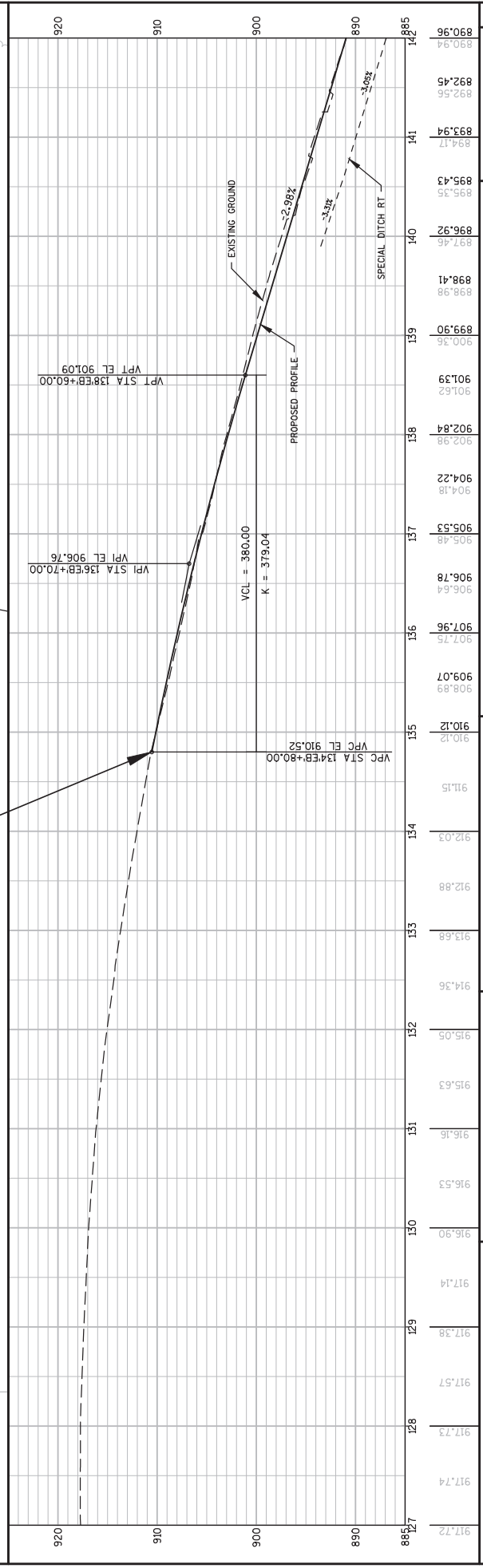
PROJECT TOTAL

SHEET NO: 231

ASPHALT PAVEMENT ITEMS

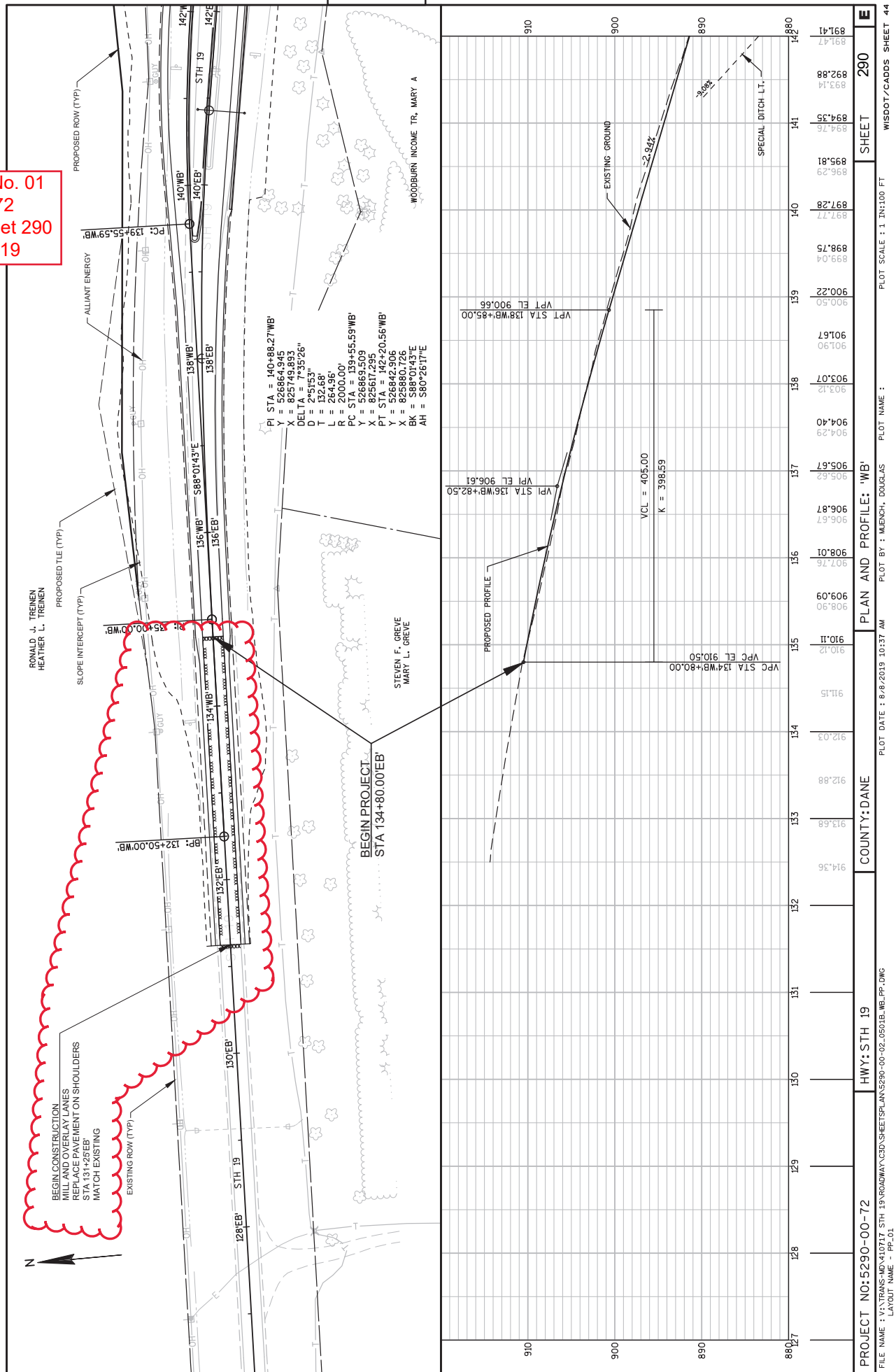
CAT		STA	TO	STA	OFFSET	ALIGN	LOCATION		HMA COLD WEATHER PAVING		TACK	HMA PAVEMENT 3 LT 58-28 S		HMA PAVEMENT 4 LT 58-28 S		HMA PAVEMENT 4 MT 58-28 S	
									TON	COAT	GAL	TON	TON	TON	TON	TON	
0010		131+25	-	134+80	LT/RT	EB/WB	STH 19 EB & WB LANES		106		66	-	-	-	-	106	
		131+25	-	134+80	LT	WB	STH 19 WB SHLDR		38			-	38	-	-	-	
		131+25	-	134+80	RT	EB	STH 19 EB SHLDR		38			-	38	-	-	-	
		134+80	-	142+68	LT	WB	STH 19 EB LANES		513		197	-	-	-	-	513	
		134+80	-	142+48	RT	EB	STH 19 WB LANES				241	-	-	-	-	626	
		134+80	-	142+68	LT	WB	STH 19 WB SHLDR		168		-	-	168	-	-	-	
		134+80	-	142+48	RT	EB	STH 19 EB SHLDR		170		-	-	170	-	-	-	
		49+90	-	53+98	LT	RSB	RIVER RD SB SHLDR		-		-	-	43	-	-	-	
		49+90	-	52+83	LT/RT	RNB	RIVER RD LANES		-		67	-	252	-	-	-	
		49+90	-	53+92	RT	RNB	RIVER RD NB SHLDR		-		-	-	43	-	-	-	
		58+04	-	63+10	RT	RNB	RIVER RD NB SHLDR		56		-	-	56	-	-	-	
		58+09	-	63+10	LT	RSB	RIVER RD SB SHLDR		57		-	-	57	-	-	-	
		59+64	-	63+10	LT/RT	RNB	RIVER RD LANES		273		73	-	273	-	-	-	
		147+32	-	154+16	RT	EB	SOUTH STH 19 EB SHLDR		-		-	-	100	-	-	-	
		149+53	-	154+16	LT	EB	NORTH STH 19 EB SHLDR		-		-	-	51	-	-	-	
		149+64	-	154+32	LT	WB	NORTH STH 19 WB SHLDR		63		-	-	63	-	-	-	
		149+64	-	154+32	RT	WB	SOUTH STH 19 WB SHLDR		34		-	-	34	-	-	-	
		155+78	-	167+26	RT	EB	SOUTH STH 19 EB SHLDR		116		-	-	116	-	-	-	
		156+06	-	162+28	LT	EB	NORTH STH 19 EB SHLDR		43		-	-	43	-	-	-	
		155+93	-	161+28	RT	WB	SOUTH STH 19 WB SHLDR		61		-	-	61	-	-	-	
		156+26	-	166+78	LT	WB	NORTH STH 19 WB SHLDR		142		-	-	142	-	-	-	
		7+65	-	9+14	LT/RT	LWS	LUNA WAY LANES		61		39	77	61	-	-	-	
		169+99	-	179+34	LT	WB	NORTH STH 19 WB SHLDR		-		-	-	91	-	-	-	
		169+34	-	186+04	RT	EB	SOUTH STH 19 EB SHLDR		-		-	-	190	-	-	-	
		173+71	-	189+86	LT	EB	NORTH STH 19 EB SHLDR		-		-	-	104	-	-	-	
		173+71	-	189+86	RT	WB	SOUTH STH 19 WB SHLDR		-		-	-	97	-	-	-	
		181+27	-	193+81	LT	WB	NORTH STH 19 WB SHLDR		-		-	-	122	-	-	-	
		8+85	-	9+02	LT/RT	LES	LUNA WAY LANES		-		4	8	7	-	-	-	
		188+81	-	190+82	RT	EB	SOUTH STH 19 EB SHLDR		-		-	-	32	-	-	-	
	CATEGORY 0010 SUBTOTAL									1939	687	85	2452	0	1245		
0050		51+30	-	52+83	RT	RNB	RIVER RD LANES		-		1	-	5	-	-	-	
		8+00	-	9+14	LT	LWS	LUNA WAY LANE		-		6	10	12	-	-	-	
		303+96	-	304+37	LT	TCS	SB TIERNEY CROSSING LANES		-		35	-	-	83	55	-	
		303+96	-	304+12	RT	TC	NB TIERNEY CROSSING LANES		-		23	-	-	54	36	-	
		10+82	-	11+18	LT/RT	CW	CASHEL WAY LANES		-		12	-	-	28	19	-	
	CATEGORY 0050 SUBTOTAL									0	77	10	17	165	110		
PROJECT TOTAL									1939	764	95	2469	165	1355			
72	HWY: STH 19					COUNTY: DANE			MISCELLANEOUS QUANTITIES								

Addendum No. 01
ID 5290-00-72
Revised Sheet 232
August 8, 2019

[illegible]

PROJECT NO: 5290-00-72	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: 'EB'	SHEET 285
FILE NAME : I:\TRANS-MD\410717 STH 19\ROADWAY\CD\SHEETS\5290-00-02.0501A_EB_PP.DWG		PLOT DATE : 8/8/2019 10:34 AM	PLOT BY : MUENCH, DOUGLAS	PLOT SCALE : 1 IN=100 FT
LAYOUT NAME - PP_01			WSDOT/CADDIS SHEET 44	

Addendum No. 01
ID 5290-00-72
Revised Sheet 290
August 8, 2019



STATE PROJECT NUMBER

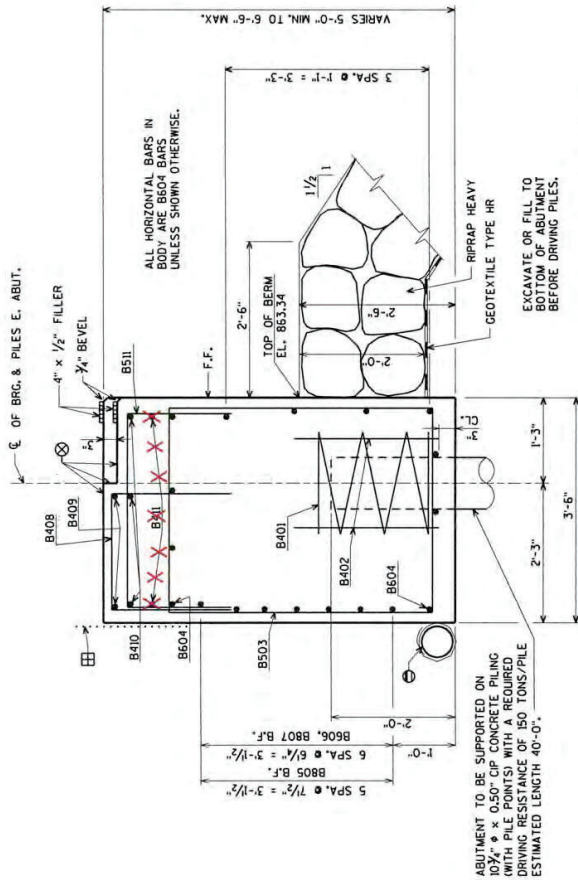
5290-00-72

BILL OF BARS

BAR NO.	COATED BAR	NO. REQ'D.	LENGTH	BAR SERIES	LOCATION
B401	11	28-0	X	BODY @ PILES	
B402	22	2-3	X	BODY @ PILES	
B503	57	15-4	X	BODY VERT.	
B604	11	45-7	X	BODY HORIZ.	
B605	6	14-0	X	BODY HORIZ. B.F. @ WING 3	
B606	7	21-5	X	BODY HORIZ. B.F. @ WING 4	
B607	7	16-0	X	BODY HORIZ. B.F. @ WING 4	
B408	31	5-1	X	BODY VERT.	
B409	2	45-4	X	BODY HORIZ.	
B410	3	33-4	X	BODY VERT.	
B511	34	8-1	X	BODY VERT.	
B512	8	15-5	X	WING 3 VERT.	
B513	6	10-6	X	WING 3 HORIZ. F.F.	
B614	10	10-6	X	WING 3 HORIZ. B.F.	
B515	10	14-0	X	WING 3 VERT.	
B516	9	10-10	X	WING 3 HORIZ.	
B417	4	7-9	X	WING 3 HORIZ. E.F.	
B418	9	13-8	X	WING 3 HORIZ. E.F.	
B619	2	13-8	X	WING 3 HORIZ. TOP E.F.	
B520	10	18-7	X	WING 4 HORIZ.	
B722	9	12-8	X	WING 4 HORIZ. F.F.	
B523	13	14-0	X	WING 4 HORIZ. B.F.	
B524	9	11-2	X	WING 4 VERT.	
B425	4	7-9	X	WING 4 HORIZ. E.F.	
B426	9	15-8	X	WING 4 HORIZ. E.F.	
B627	2	15-8	X	WING 4 HORIZ. TOP E.F.	
B428	4	4-7	X	BODY VERT. @ WING 3	
B429	4	6-1	X	BODY VERT. @ WING 4	

BENDING DIMENSIONS ARE OUT TO OUT OF BARS.

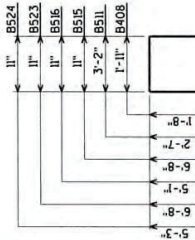
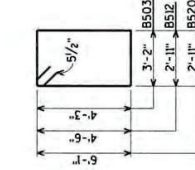
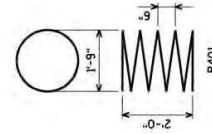
Addendum No. 01
ID 5290-00-72
Revised Sheet 551
August 8, 2019



FOR LOCATION OF SECTION A, SEE SHEET 10

SECTION A

DRAWN BY



- PIPE UNDERDRAIN WRAPPED 6-INCH, SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAIL SHEET 9.
- STEEL TROWEL TOP SURFACE OF ABUTMENT. PLACE MULTIPLE LAYERS OF POLYETHYLENE SHEETS OVER ENTIRE ABUTMENT TOP BEFORE PLACING BEARING AND/OR SUPERSTRUCTURE. TOTAL THICKNESS OF SHEETS SHALL BE AT LEAST 0.03".
- 8" RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZONTAL AND VERTICAL JOINTS ON BACKFACE OF ABUTMENT.

FOR PILE SPLICE DETAIL

SEE SHEET 3

F.F. DENOTES FRONT FACE

B.F. DENOTES BACK FACE

E.F. DENOTES EACH FACE



William C. Decker
8/8/2019



REMOVE NON-REQUIRED AND
INCORRECTLY LABELED BAR
AYRES

NO. DATE REVISION BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-13-795

CLAS. CSM

PLANS CSM

SHEET 14 OF 26

551

ORIGINAL PLANS PREPARED BY

3433 Oakwood Hills Parkway
Eau Claire, WI 54601

www.AyresAssociates.com

AYRES
ASSOCIATES

8/7/19

8/7/19



Proposal Schedule of Items

Page 1 of 22

Proposal ID: 20190813003 Project(s): 5290-00-72

Federal ID(s): WISC 2019576

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 Clearing	24.000 STA	_____.	_____.
0004	201.0205 Grubbing	24.000 STA	_____.	_____.
0006	203.0100 Removing Small Pipe Culverts	13.000 EACH	_____.	_____.
0008	203.0600.S Removing Old Structure Over Waterway With Minimal Debris (station) 01. 155+11 'WB'	LS	LUMP SUM	_____.
0010	204.0100 Removing Pavement	26,040.000 SY	_____.	_____.
0012	204.0110 Removing Asphaltic Surface	3,100.000 SY	_____.	_____.
0014	204.0130 Removing Curb	95.000 LF	_____.	_____.
0016	204.0150 Removing Curb & Gutter	1,110.000 LF	_____.	_____.
0018	204.0155 Removing Concrete Sidewalk	130.000 SY	_____.	_____.
0020	204.0165 Removing Guardrail	610.000 LF	_____.	_____.
0022	204.0170 Removing Fence	1,020.000 LF	_____.	_____.
0024	204.0180 Removing Delineators and Markers	28.000 EACH	_____.	_____.
0026	204.0190 Removing Surface Drains	4.000 EACH	_____.	_____.
0028	204.0195 Removing Concrete Bases	5.000 EACH	_____.	_____.
0030	204.0210 Removing Manholes	3.000 EACH	_____.	_____.
0032	204.0220 Removing Inlets	8.000 EACH	_____.	_____.



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0034	204.0230 Removing Building (station) 01. 58+50	LS	LUMP SUM	_____.
0036	204.0230 Removing Building (station) 02. 183+75	LS	LUMP SUM	_____.
0038	204.0245 Removing Storm Sewer (size) 01. 15-Inch	188.000 LF	_____.	_____.
0040	204.0245 Removing Storm Sewer (size) 02. 24-Inch	137.000 LF	_____.	_____.
0042	204.0245 Removing Storm Sewer (size) 03. 48-Inch	190.000 LF	_____.	_____.
0044	204.9060.S Removing (item description) 01. Lighting Control Cabinets	1.000 EACH	_____.	_____.
0046	204.9060.S Removing (item description) 02. Lighting Units	4.000 EACH	_____.	_____.
0048	204.9060.S Removing (item description) 03. Post-Mounted Barricades	6.000 EACH	_____.	_____.
0050	205.0100 Excavation Common	71,710.000 CY	_____.	_____.
0052	205.0300 Excavation Stone Piles and Stone Fences	224.000 CY	_____.	_____.
0054	205.0400 Excavation Marsh	5,679.000 CY	_____.	_____.
0056	206.1000 Excavation for Structures Bridges (structure) 01. B-13-0794	LS	LUMP SUM	_____.
0058	206.1000 Excavation for Structures Bridges (structure) 02. B-13-0795	LS	LUMP SUM	_____.
0060	208.0100 Borrow	33,566.000 CY	_____.	_____.



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0062	209.2500 Backfill Granular Grade 2	10,600.000 TON	_____.	_____.
0064	210.1500 Backfill Structure Type A	720.000 TON	_____.	_____.
0066	213.0100 Finishing Roadway (project) 01. 5290-00-72	1.000 EACH	_____.	_____.
0068	305.0110 Base Aggregate Dense 3/4-Inch	3,480.000 TON	_____.	_____.
0070	305.0120 Base Aggregate Dense 1 1/4-Inch	50,890.000 TON	_____.	_____.
0072	312.0110 Select Crushed Material	57,027.000 TON	_____.	_____.
0076	405.0100 Coloring Concrete WisDOT Red	152.000 CY	_____.	_____.
0078	415.0085 Concrete Pavement 8 1/2-Inch	40,169.000 SY	_____.	_____.
0080	415.0210 Concrete Pavement Gaps	2.000 EACH	_____.	_____.
0082	415.0410 Concrete Pavement Approach Slab	296.000 SY	_____.	_____.
0084	415.1085 Concrete Pavement HES 8 1/2-Inch	2,406.000 SY	_____.	_____.
0086	416.0160 Concrete Driveway 6-Inch	37.000 SY	_____.	_____.
0088	416.0512 Concrete Truck Apron 12-Inch	457.000 SY	_____.	_____.
0090	416.0610 Drilled Tie Bars	45.000 EACH	_____.	_____.
0092	416.0620 Drilled Dowel Bars	32.000 EACH	_____.	_____.
0094	416.1010 Concrete Surface Drains	7.000 CY	_____.	_____.



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0096	416.1110 Concrete Shoulder Rumble Strips	1,152.000 LF	_____.	_____.
0098	450.1100.S Asphaltic Mixture For Extreme Conditions	540.000 TON	_____.	_____.
0100	450.4000 HMA Cold Weather Paving	1,939.000 TON	_____.	_____.
0102	455.0605 Tack Coat	764.000 GAL	_____.	_____.
0104	460.2000 Incentive Density HMA Pavement	3,630.000 DOL	1.00000	3,630.00
0106	460.4110.S Reheating HMA Pavement Longitudinal Joints	850.000 LF	_____.	_____.
0108	460.5223 HMA Pavement 3 LT 58-28 S	95.000 TON	_____.	_____.
0110	460.5224 HMA Pavement 4 LT 58-28 S	2,469.000 TON	_____.	_____.
0112	460.6223 HMA Pavement 3 MT 58-28 S	165.000 TON	_____.	_____.
0114	460.6224 HMA Pavement 4 MT 58-28 S	1,355.000 TON	_____.	_____.
0116	465.0105 Asphaltic Surface	25.000 TON	_____.	_____.
0118	465.0110 Asphaltic Surface Patching	25.000 TON	_____.	_____.
0120	465.0120 Asphaltic Surface Driveways and Field Entrances	23.000 TON	_____.	_____.
0122	465.0125 Asphaltic Surface Temporary	4,056.000 TON	_____.	_____.
0124	465.0315 Asphaltic Flumes	217.000 SY	_____.	_____.
0126	465.0400 Asphaltic Shoulder Rumble Strips	3,809.000 LF	_____.	_____.



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0128	465.0425 Asphaltic Shoulder Rumble Strips 2-Lane Rural	351.000 LF	_____.	_____.
0130	465.0475 Asphalt Centerline Rumble Strips 2-Lane Rural	351.000 LF	_____.	_____.
0132	502.0100 Concrete Masonry Bridges	820.000 CY	_____.	_____.
0134	502.3200 Protective Surface Treatment	1,200.000 SY	_____.	_____.
0136	502.3210 Pigmented Surface Sealer	260.000 SY	_____.	_____.
0138	503.0146 Prestressed Girder Type I 45W-Inch	860.000 LF	_____.	_____.
0140	505.0400 Bar Steel Reinforcement HS Structures	13,120.000 LB	_____.	_____.
0142	505.0600 Bar Steel Reinforcement HS Coated Structures	106,240.000 LB	_____.	_____.
0144	505.0800.S Bar Steel Reinforcement HS Stainless Structures	2,920.000 LB	_____.	_____.
0146	506.2605 Bearing Pads Elastomeric Non-Laminated	20.000 EACH	_____.	_____.
0148	506.4000 Steel Diaphragms (structure) 01. B-13-0794	8.000 EACH	_____.	_____.
0150	506.4000 Steel Diaphragms (structure) 02. B-13-0795	8.000 EACH	_____.	_____.
0152	511.1300 Temporary Shoring (location) Marsh Excavation	1,450.000 SF	_____.	_____.
0154	516.0500 Rubberized Membrane Waterproofing	48.000 SY	_____.	_____.
0156	520.1015 Apron Endwalls for Culvert Pipe 15-Inch	2.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0158	520.1018 Apron Endwalls for Culvert Pipe 18-Inch	8.000 EACH	_____.	_____.
0160	520.2012 Culvert Pipe Temporary 12-Inch	78.000 LF	_____.	_____.
0162	520.2018 Culvert Pipe Temporary 18-Inch	952.000 LF	_____.	_____.
0164	520.2042 Culvert Pipe Temporary 42-Inch	158.000 LF	_____.	_____.
0166	520.3315 Culvert Pipe Class III-A 15-Inch	27.000 LF	_____.	_____.
0168	520.3318 Culvert Pipe Class III-A 18-Inch	168.000 LF	_____.	_____.
0170	520.8000 Concrete Collars for Pipe	5.000 EACH	_____.	_____.
0172	520.8700 Cleaning Culvert Pipes	3.000 EACH	_____.	_____.
0174	521.1518 Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 6 to 1	2.000 EACH	_____.	_____.
0176	521.2005.S Surface Drain Pipe Corrugated Metal Slotted (inch) 18-Inch	406.000 LF	_____.	_____.
0178	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	3.000 EACH	_____.	_____.
0180	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	8.000 EACH	_____.	_____.
0182	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	3.000 EACH	_____.	_____.
0184	522.1030 Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	5.000 EACH	_____.	_____.
0186	522.1042 Apron Endwalls for Culvert Pipe Reinforced Concrete 42-Inch	1.000 EACH	_____.	_____.



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0188	522.2324 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	122.000 LF	_____.	_____.
0190	522.2624 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	4.000 EACH	_____.	_____.
0192	550.0500 Pile Points	52.000 EACH	_____.	_____.
0194	550.2108 Piling CIP Concrete 10 3/4 X 0.50-Inch	2,015.000 LF	_____.	_____.
0196	601.0115 Concrete Curb Type G	96.000 LF	_____.	_____.
0198	601.0405 Concrete Curb & Gutter 18-Inch Type A	333.000 LF	_____.	_____.
0200	601.0409 Concrete Curb & Gutter 30-Inch Type A	3,475.000 LF	_____.	_____.
0202	601.0411 Concrete Curb & Gutter 30-Inch Type D	637.000 LF	_____.	_____.
0204	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	5,271.000 LF	_____.	_____.
0206	601.0553 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	1,237.000 LF	_____.	_____.
0208	601.0580 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R	415.000 LF	_____.	_____.
0210	601.0586 Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type TBTT	91.000 LF	_____.	_____.
0212	601.0600 Concrete Curb Pedestrian	391.000 LF	_____.	_____.
0214	602.0405 Concrete Sidewalk 4-Inch	28,822.000 SF	_____.	_____.



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0216	602.0515 Curb Ramp Detectable Warning Field Natural Patina	320.000 SF	_____.	_____.
0218	602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina	79.000 SF	_____.	_____.
0220	606.0100 Riprap Light	58.000 CY	_____.	_____.
0222	606.0200 Riprap Medium	14.000 CY	_____.	_____.
0224	606.0300 Riprap Heavy	970.000 CY	_____.	_____.
0226	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	630.000 LF	_____.	_____.
0228	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	719.000 LF	_____.	_____.
0230	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	274.000 LF	_____.	_____.
0232	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	482.000 LF	_____.	_____.
0234	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	210.000 LF	_____.	_____.
0236	611.0430 Reconstructing Inlets	2.000 EACH	_____.	_____.
0238	611.0530 Manhole Covers Type J	5.000 EACH	_____.	_____.
0240	611.0624 Inlet Covers Type H	29.000 EACH	_____.	_____.
0242	611.0642 Inlet Covers Type MS	7.000 EACH	_____.	_____.
0244	611.0652 Inlet Covers Type T	2.000 EACH	_____.	_____.



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0246	611.2006 Manholes 6-FT Diameter	4.000 EACH	_____.	_____.
0248	611.2008 Manholes 8-FT Diameter	2.000 EACH	_____.	_____.
0250	611.3225 Inlets 2x2.5-FT	2.000 EACH	_____.	_____.
0252	611.3230 Inlets 2x3-FT	28.000 EACH	_____.	_____.
0254	611.3901 Inlets Median 1 Grate	1.000 EACH	_____.	_____.
0256	611.3902 Inlets Median 2 Grate	3.000 EACH	_____.	_____.
0258	611.8120.S Cover Plates Temporary	16.000 EACH	_____.	_____.
0260	612.0106 Pipe Underdrain 6-Inch	8,299.000 LF	_____.	_____.
0262	612.0206 Pipe Underdrain Unperforated 6-Inch	223.000 LF	_____.	_____.
0264	612.0406 Pipe Underdrain Wrapped 6-Inch	380.000 LF	_____.	_____.
0266	614.0150 Anchor Assemblies for Steel Plate Beam Guard	8.000 EACH	_____.	_____.
0268	614.1200 MGS Guardrail Temporary Terminal EAT	1.000 EACH	_____.	_____.
0270	614.2300 MGS Guardrail 3	804.000 LF	_____.	_____.
0272	614.2500 MGS Thrie Beam Transition	203.000 LF	_____.	_____.
0274	614.2610 MGS Guardrail Terminal EAT	4.000 EACH	_____.	_____.
0276	614.2620 MGS Guardrail Terminal Type 2	2.000 EACH	_____.	_____.



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0278	616.0700.S Fence Safety	80.000 LF	_____.	_____.
0280	618.0100 Maintenance And Repair of Haul Roads (project) 01. 5290-00-72	1.000 EACH	_____.	_____.
0282	619.1000 Mobilization	1.000 EACH	_____.	_____.
0284	620.0200 Concrete Median Blunt Nose	89.000 SF	_____.	_____.
0286	620.0300 Concrete Median Sloped Nose	491.000 SF	_____.	_____.
0288	623.0200 Dust Control Surface Treatment	78,120.000 SY	_____.	_____.
0290	624.0100 Water	435.000 MGAL	_____.	_____.
0292	625.0500 Salvaged Topsoil	138,470.000 SY	_____.	_____.
0294	627.0200 Mulching	142,500.000 SY	_____.	_____.
0296	628.1504 Silt Fence	3,920.000 LF	_____.	_____.
0298	628.1520 Silt Fence Maintenance	3,920.000 LF	_____.	_____.
0300	628.1905 Mobilizations Erosion Control	13.000 EACH	_____.	_____.
0302	628.1910 Mobilizations Emergency Erosion Control	13.000 EACH	_____.	_____.
0304	628.1920 Cleaning Sediment Basins	76.000 CY	_____.	_____.
0306	628.2004 Erosion Mat Class I Type B	29,270.000 SY	_____.	_____.
0308	628.2023 Erosion Mat Class II Type B	300.000 SY	_____.	_____.



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0310	628.6005 Turbidity Barriers	500.000 SY	_____.	_____.
0312	628.6510 Soil Stabilizer Type B	7.000 ACRE	_____.	_____.
0314	628.7005 Inlet Protection Type A	35.000 EACH	_____.	_____.
0316	628.7015 Inlet Protection Type C	35.000 EACH	_____.	_____.
0318	628.7020 Inlet Protection Type D	37.000 EACH	_____.	_____.
0320	628.7504 Temporary Ditch Checks	2,400.000 LF	_____.	_____.
0322	628.7515.S Stone or Rock Ditch Checks	70.000 CY	_____.	_____.
0324	628.7555 Culvert Pipe Checks	60.000 EACH	_____.	_____.
0326	628.7560 Tracking Pads	12.000 EACH	_____.	_____.
0328	628.7570 Rock Bags	50.000 EACH	_____.	_____.
0330	629.0210 Fertilizer Type B	133.000 CWT	_____.	_____.
0332	630.0120 Seeding Mixture No. 20	3,630.000 LB	_____.	_____.
0334	630.0140 Seeding Mixture No. 40	600.000 LB	_____.	_____.
0336	630.0171 Seeding Mixture No. 70A	34.000 LB	_____.	_____.
0338	630.0200 Seeding Temporary	1,879.000 LB	_____.	_____.
0340	630.0300 Seeding Borrow Pit	910.000 LB	_____.	_____.
0342	631.0300 Sod Water	45.000 MGAL	_____.	_____.



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0344	631.1000 Sod Lawn	100.000 SY	_____.	_____.
0346	631.1100 Sod Erosion Control	137.000 SY	_____.	_____.
0348	633.5200 Markers Culvert End	16.000 EACH	_____.	_____.
0350	634.0612 Posts Wood 4x6-Inch X 12-FT	16.000 EACH	_____.	_____.
0352	634.0614 Posts Wood 4x6-Inch X 14-FT	14.000 EACH	_____.	_____.
0354	634.0616 Posts Wood 4x6-Inch X 16-FT	49.000 EACH	_____.	_____.
0356	634.0618 Posts Wood 4x6-Inch X 18-FT	17.000 EACH	_____.	_____.
0358	634.0622 Posts Wood 4x6-Inch X 22-FT	3.000 EACH	_____.	_____.
0360	637.1220 Signs Type I Reflective SH	391.000 SF	_____.	_____.
0362	637.2210 Signs Type II Reflective H	906.000 SF	_____.	_____.
0364	637.2215 Signs Type II Reflective H Folding	67.000 SF	_____.	_____.
0366	637.2230 Signs Type II Reflective F	219.000 SF	_____.	_____.
0368	638.2102 Moving Signs Type II	36.000 EACH	_____.	_____.
0370	638.2602 Removing Signs Type II	114.000 EACH	_____.	_____.
0372	638.3000 Removing Small Sign Supports	63.000 EACH	_____.	_____.
0374	638.4000 Moving Small Sign Supports	28.000 EACH	_____.	_____.



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0376	641.8100 Overhead Sign Support (structure) 01. S-13-500	LS	LUMP SUM	_____.
0378	641.8100 Overhead Sign Support (structure) 02. S-13-498	LS	LUMP SUM	_____.
0380	642.5401 Field Office Type D	1.000 EACH	_____.	_____.
0382	643.0300 Traffic Control Drums	77,390.000 DAY	_____.	_____.
0384	643.0310.S Temporary Portable Rumble Strips	LS	LUMP SUM	_____.
0386	643.0410 Traffic Control Barricades Type II	1,520.000 DAY	_____.	_____.
0388	643.0420 Traffic Control Barricades Type III	6,070.000 DAY	_____.	_____.
0390	643.0500 Traffic Control Flexible Tubular Marker Posts	109.000 EACH	_____.	_____.
0392	643.0600 Traffic Control Flexible Tubular Marker Bases	109.000 EACH	_____.	_____.
0394	643.0705 Traffic Control Warning Lights Type A	12,530.000 DAY	_____.	_____.
0396	643.0715 Traffic Control Warning Lights Type C	16,610.000 DAY	_____.	_____.
0398	643.0800 Traffic Control Arrow Boards	80.000 DAY	_____.	_____.
0400	643.0900 Traffic Control Signs	41,370.000 DAY	_____.	_____.
0402	643.0920 Traffic Control Covering Signs Type II	4.000 EACH	_____.	_____.
0404	643.1050 Traffic Control Signs PCMS	88.000 DAY	_____.	_____.
0406	643.5000 Traffic Control	1.000 EACH	_____.	_____.



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0408	645.0111 Geotextile Type DF Schedule A	160.000 SY	_____.	_____.
0410	645.0120 Geotextile Type HR	1,799.000 SY	_____.	_____.
0412	645.0130 Geotextile Type R	301.000 SY	_____.	_____.
0414	645.0140 Geotextile Type SAS	495.000 SY	_____.	_____.
0416	645.0220 Geogrid Type SR	80,776.000 SY	_____.	_____.
0418	646.1020 Marking Line Epoxy 4-Inch	24,688.000 LF	_____.	_____.
0420	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4-Inch	2,893.000 LF	_____.	_____.
0422	646.3020 Marking Line Epoxy 8-Inch	1,890.000 LF	_____.	_____.
0424	646.3545 Marking Line Grooved Wet Ref Contrast Epoxy 8-Inch	5,153.000 LF	_____.	_____.
0426	646.5020 Marking Arrow Epoxy	40.000 EACH	_____.	_____.
0428	646.5120 Marking Word Epoxy	18.000 EACH	_____.	_____.
0430	646.6120 Marking Stop Line Epoxy 18-Inch	267.000 LF	_____.	_____.
0432	646.6320 Marking Dotted Extension Epoxy 18-Inch	120.000 LF	_____.	_____.
0434	646.6464 Cold Weather Marking Epoxy 4-Inch	7,817.000 LF	_____.	_____.
0436	646.6468 Cold Weather Marking Epoxy 8-Inch	2,058.000 LF	_____.	_____.
0438	646.7120 Marking Diagonal Epoxy 12-Inch	905.000 LF	_____.	_____.



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0440	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	387.000 LF	_____.	_____.
0442	646.8120 Marking Curb Epoxy	326.000 LF	_____.	_____.
0444	646.8220 Marking Island Nose Epoxy	16.000 EACH	_____.	_____.
0446	646.9000 Marking Removal Line 4-Inch	7,346.000 LF	_____.	_____.
0448	646.9010 Marking Removal Line Water Blasting 4-Inch	4,220.000 LF	_____.	_____.
0450	646.9100 Marking Removal Line 8-Inch	347.000 LF	_____.	_____.
0452	646.9110 Marking Removal Line Water Blasting 8-Inch	445.000 LF	_____.	_____.
0454	646.9200 Marking Removal Line Wide	161.000 LF	_____.	_____.
0456	646.9300 Marking Removal Special Marking	2.000 EACH	_____.	_____.
0458	649.0105 Temporary Marking Line Paint 4-Inch	21,133.000 LF	_____.	_____.
0460	649.0150 Temporary Marking Line Removable Tape 4-Inch	67,859.000 LF	_____.	_____.
0462	649.0205 Temporary Marking Line Paint 8-Inch	2,849.000 LF	_____.	_____.
0464	649.0250 Temporary Marking Line Removable Tape 8-Inch	4,282.000 LF	_____.	_____.
0466	649.0505 Temporary Marking Arrow Paint	2.000 EACH	_____.	_____.
0468	649.0605 Temporary Marking Word Paint	2.000 EACH	_____.	_____.



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Federal ID(s): WISC 2019576

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0470	649.0805 Temporary Marking Stop Line Paint 18-Inch	13.000 LF	_____.	_____.
0472	649.0820 Temporary Marking Stop Line Epoxy 18-Inch	75.000 LF	_____.	_____.
0474	649.0850 Temporary Marking Stop Line Removable Tape 18-Inch	107.000 LF	_____.	_____.
0476	649.0905 Temporary Marking Diagonal Paint 12-Inch	340.000 LF	_____.	_____.
0478	649.0950 Temporary Marking Diagonal Removable Tape 12-Inch	699.000 LF	_____.	_____.
0480	650.4000 Construction Staking Storm Sewer	70.000 EACH	_____.	_____.
0482	650.4500 Construction Staking Subgrade	21,680.000 LF	_____.	_____.
0484	650.5000 Construction Staking Base	21,680.000 LF	_____.	_____.
0486	650.5500 Construction Staking Curb Gutter and Curb & Gutter	11,946.000 LF	_____.	_____.
0488	650.6000 Construction Staking Pipe Culverts	14.000 EACH	_____.	_____.
0490	650.6500 Construction Staking Structure Layout (structure) 01. B-13-0794	LS	LUMP SUM	_____.
0492	650.6500 Construction Staking Structure Layout (structure) 02. B-13-0795	LS	LUMP SUM	_____.
0494	650.6500 Construction Staking Structure Layout (structure) 03. S-13-498	LS	LUMP SUM	_____.
0496	650.6500 Construction Staking Structure Layout (structure) 05. S-13-500	LS	LUMP SUM	_____.



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Contract Items

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0498	650.7000 Construction Staking Concrete Pavement	11,360.000 LF	_____.	_____.
0500	650.8500 Construction Staking Electrical Installations (project) 01. 5290-00-02	LS	LUMP SUM	_____.
0502	650.9000 Construction Staking Curb Ramps	19.000 EACH	_____.	_____.
0504	650.9910 Construction Staking Supplemental Control (project) 01. 5290-00-72	LS	LUMP SUM	_____.
0506	650.9920 Construction Staking Slope Stakes	16,223.000 LF	_____.	_____.
0508	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	6,156.000 LF	_____.	_____.
0510	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	1,416.000 LF	_____.	_____.
0512	652.0700.S Install Conduit into Existing Item	1.000 EACH	_____.	_____.
0514	652.0800 Conduit Loop Detector	2,022.000 LF	_____.	_____.
0516	653.0154 Pull Boxes Non-Conductive 24x36-Inch	17.000 EACH	_____.	_____.
0518	653.0164 Pull Boxes Non-Conductive 24x42-Inch	20.000 EACH	_____.	_____.
0520	653.0900 Adjusting Pull Boxes	3.000 EACH	_____.	_____.
0522	653.0905 Removing Pull Boxes	10.000 EACH	_____.	_____.
0524	654.0101 Concrete Bases Type 1	4.000 EACH	_____.	_____.
0526	654.0102 Concrete Bases Type 2	3.000 EACH	_____.	_____.



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Contract Items

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0528	654.0106 Concrete Bases Type 6	16.000 EACH	_____.	_____.
0530	654.0110 Concrete Bases Type 10	2.000 EACH	_____.	_____.
0532	654.0113 Concrete Bases Type 13	4.000 EACH	_____.	_____.
0534	654.0217 Concrete Control Cabinet Bases Type 9 Special	1.000 EACH	_____.	_____.
0536	654.0224 Concrete Control Cabinet Bases Type L24	1.000 EACH	_____.	_____.
0538	655.0230 Cable Traffic Signal 5-14 AWG	1,599.000 LF	_____.	_____.
0540	655.0240 Cable Traffic Signal 7-14 AWG	875.000 LF	_____.	_____.
0542	655.0250 Cable Traffic Signal 9-14 AWG	629.000 LF	_____.	_____.
0544	655.0270 Cable Traffic Signal 15-14 AWG	229.000 LF	_____.	_____.
0546	655.0320 Cable Type UF 2-10 AWG Grounded	44.000 LF	_____.	_____.
0548	655.0505 Electrical Wire Traffic Signals 14 AWG	2,981.000 LF	_____.	_____.
0550	655.0515 Electrical Wire Traffic Signals 10 AWG	3,356.000 LF	_____.	_____.
0552	655.0610 Electrical Wire Lighting 12 AWG	3,616.000 LF	_____.	_____.
0554	655.0620 Electrical Wire Lighting 8 AWG	8,418.000 LF	_____.	_____.
0556	655.0700 Loop Detector Lead In Cable	5,952.000 LF	_____.	_____.
0558	655.0800 Loop Detector Wire	4,290.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0560	656.0200 Electrical Service Meter Breaker Pedestal (location) 01. 143+83	LS	LUMP SUM	_____.
0562	657.0100 Pedestal Bases	6.000 EACH	_____.	_____.
0564	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	19.000 EACH	_____.	_____.
0566	657.0315 Poles Type 4	3.000 EACH	_____.	_____.
0568	657.0327 Poles Type 6-Aluminum	16.000 EACH	_____.	_____.
0570	657.0355 Poles Type 12	3.000 EACH	_____.	_____.
0572	657.0360 Poles Type 13	1.000 EACH	_____.	_____.
0574	657.0425 Traffic Signal Standards Aluminum 15-FT	6.000 EACH	_____.	_____.
0576	657.0540 Monotube Arms 40-FT	1.000 EACH	_____.	_____.
0578	657.0545 Monotube Arms 45-FT	3.000 EACH	_____.	_____.
0580	657.0715 Luminaire Arms Truss Type 4 1/2-Inch Clamp 15-FT	26.000 EACH	_____.	_____.
0582	657.0815 Luminaire Arms Steel 15-FT	4.000 EACH	_____.	_____.
0584	658.0173 Traffic Signal Face 3S 12-Inch	18.000 EACH	_____.	_____.
0586	658.0174 Traffic Signal Face 4S 12-Inch	3.000 EACH	_____.	_____.
0588	658.0416 Pedestrian Signal Face 16-Inch	4.000 EACH	_____.	_____.
0590	658.0500 Pedestrian Push Buttons	6.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0592	658.5069 Signal Mounting Hardware (location) 01. STH 19 & Liuna Way/Tierney Ct	LS	LUMP SUM	_____.
0594	659.1125 Luminaires Utility LED C	30.000 EACH	_____.	_____.
0596	659.2124 Lighting Control Cabinets 120/240 24-Inch	1.000 EACH	_____.	_____.
0598	670.0100 Field System Integrator	LS	LUMP SUM	_____.
0600	677.0200 Install Camera Assembly	2.000 EACH	_____.	_____.
0602	678.0036 Install Fiber Optic Cable Outdoor Plant 36-CT	2,981.000 LF	_____.	_____.
0604	678.0400 Fiber Optic Termination	6.000 EACH	_____.	_____.
0606	690.0150 Sawing Asphalt	3,235.000 LF	_____.	_____.
0608	690.0250 Sawing Concrete	3,224.000 LF	_____.	_____.
0610	715.0415 Incentive Strength Concrete Pavement	13,009.500 DOL	1.00000	13,009.50
0612	715.0502 Incentive Strength Concrete Structures	4,884.000 DOL	1.00000	4,884.00
0614	715.0710 Optimized Aggregate Gradation Incentive	43,378.000 DOL	1.00000	43,378.00
0616	740.0440 Incentive IRI Ride	8,000.000 DOL	1.00000	8,000.00
0618	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	1,500.000 HRS	5.00000	7,500.00
0620	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	1,000.000 HRS	5.00000	5,000.00



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0622	SPV.0060 Special 01. Inlets Temporary	3.000 EACH	_____.	_____.
0624	SPV.0060 Special 02. Landmark Reference Monuments Special	3.000 EACH	_____.	_____.
0626	SPV.0060 Special 03. Verify Landmark Reference Monuments Special	12.000 EACH	_____.	_____.
0628	SPV.0060 Special 04. Temporary Sediment Basin	8.000 EACH	_____.	_____.
0630	SPV.0090 Special 01. Asphaltic Curb Temporary	660.000 LF	_____.	_____.
0632	SPV.0090 Special 02. Fill Existing Rumble Strips	355.000 LF	_____.	_____.
0636	SPV.0105 Special 01. Walking Path	LS	LUMP SUM	_____.
0638	SPV.0105 Special 02. Canoe and Kayak Launch	LS	LUMP SUM	_____.
0640	SPV.0105 Special 03. Installing Furnished Dane County Park Kiosk	LS	LUMP SUM	_____.
0642	SPV.0105 Special 04. Installing Furnished Dane County Park Sign	LS	LUMP SUM	_____.
0644	SPV.0105 Special 06. Remove & Reinstall Loop Detector Wire & Lead-in Cable	LS	LUMP SUM	_____.
0646	SPV.0105 Special 07. Transport and Install State-Furnished CAT5E Cable, STH 19	LS	LUMP SUM	_____.
0648	204.0115 Removing Asphaltic Surface Butt Joints	11.000 SY	_____.	_____.
0650	204.0120 Removing Asphaltic Surface Milling	950.000 SY	_____.	_____.
Section: 0001			Total:	_____.

Total Bid: _____.

