

# HIGHWAY WORK PROPOSAL

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

Proposal Number: **022**

<u>COUNTY</u>	<u>STATE PROJECT</u>	<u>FEDERAL</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>
Manitowoc	4550-03-71	WISC 2020543	Elkhart Lake-Kiel; South County Line-Sth 32/57	STH 067
Sheboygan	4550-04-71	WISC 2020544	Plymouth-Kiel; Suhrke Road-Ncl	STH 067

## 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: November 10, 2020 Time (Local Time): 11:00 am	Firm Name, Address, City, State, Zip Code  <h3 style="margin: 0;">SAMPLE</h3> <h3 style="margin: 0;">NOT FOR BIDDING PURPOSES</h3> <p style="margin: 0;">This contract is exempt from federal oversight.</p>
Contract Completion Time 100 Working Days	
Assigned Disadvantaged Business Enterprise Goal <b>8%</b>	

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: Grading, Base, Milling, Asphalt Pavement, Concrete Pavement, , Culvert Pipe, Storm Sewer, Box Culvert Construction, Bridge Deck Overlay, Curb and Gutter, Sidewalk, Guardrail, Signs, Pavement Markings	For Department Use Only
Notice of Award Dated	Date Guaranty Returned

**PLEASE ATTACH  
PROPOSAL GUARANTY HERE**

**Effective with November 2007 Letting**

**PROPOSAL REQUIREMENTS AND CONDITIONS**

The bidder, signing and submitting this proposal, agrees and declares as a condition thereof, to be bound by the following conditions and requirements.

If the bidder has a corporate relationship with the proposal design engineering company, the bidder declares that it did not obtain any facts, data, or other information related to this proposal from the design engineering company that was not available to all bidders.

The bidder declares that they have carefully examined the site of, and the proposal, plans, specifications and contract forms for the work contemplated, and it is assumed that the bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and quantities of work to be performed and materials to be furnished, and as to the requirements of the specifications, special provisions and contract. It is mutually agreed that submission of a proposal shall be considered conclusive evidence that the bidder has made such examination.

The bidder submits herewith a proposal guaranty in proper form and amount payable to the party as designated in the advertisement inviting proposals, to be retained by and become the property of the owner of the work in the event the undersigned shall fail to execute the contract and contract bond and return the same to the office of the engineer within fourteen (14) days after having been notified in writing to do so; otherwise to be returned.

The bidder declares that they understand that the estimate of quantities in the attached schedule is approximate only and that the attached quantities may be greater or less in accordance with the specifications.

The bidder agrees to perform the said work, for and in consideration of the payment of the amount becoming due on account of work performed, according to the unit prices bid in the following schedule, and to accept such amounts in full payment of said work.

The bidder declares that all of the said work will be performed at their own proper cost and expense, that they will furnish all necessary materials, labor, tools, machinery, apparatus, and other means of construction in the manner provided in the applicable specifications and the approved plans for the work together with all standard and special designs that may be designed on such plans, and the special provisions in the contract of which this proposal will become a part, if and when accepted. The bidder further agrees that the applicable specifications and all plans and working drawings are made a part hereof, as fully and completely as if attached hereto.

The bidder, if awarded the contract, agrees to begin the work not later than ten (10) days after the date of written notification from the engineer to do so, unless otherwise stipulated in the special provisions.

The bidder declares that if they are awarded the contract, they will execute the contract agreement and begin and complete the work within the time named herein, and they will file a good and sufficient surety bond for the amount of the contract for performance and also for the full amount of the contract for payment.

The bidder, if awarded the contract, shall pay all claims as required by Section 779.14, Statutes of Wisconsin, and shall be subject to and discharge all liabilities for injuries pursuant to Chapter 102 of the Statutes of Wisconsin, and all acts amendatory thereto. They shall further be responsible for any damages to property or injury to persons occurring through their own negligence or that of their employees or agents, incident to the performance of work under this contract, pursuant to the Standard Specifications for Road and Bridge Construction applicable to this contract.

In connection with the performance of work under this contract, the contractor agrees to comply with all applicable state and federal statutes relating to non-discrimination in employment. No otherwise qualified person shall be excluded from employment or otherwise be subject to discrimination in employment in any manner on the basis of age, race, religion, color, gender, national origin or ancestry, disability, arrest or conviction record (in keeping with s.111.32), sexual orientation, marital status, membership in the military reserve, honesty testing, genetic testing, and outside use of lawful products. This provision shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation, and selection for training, including apprenticeship. The contractor further agrees to ensure equal opportunity in employment to all applicants and employees and to take affirmative action to attain a representative workforce.

The contractor agrees to post notices and posters setting forth the provisions of the nondiscrimination clause, in a conspicuous and easily accessible place, available for employees and applicants for employment.

If a state public official (section 19.42, Stats.) or an organization in which a state public official holds at least a 10% interest is a party to this agreement, this contract is voidable by the state unless appropriate disclosure is made to the State of Wisconsin Ethics Board.

## Effective with August 2015 Letting

### BID PREPARATION

#### Preparing the Proposal Schedule of Items

##### A General

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

- (2) Bids submitted on a printout with accompanying diskette or CD ROM or paper bids submitted under a waiver of the electronic submittal requirements govern over bids submitted on the internet.

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

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

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

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

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

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

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

##### B Submitting Electronic Bids

###### B.1 On the Internet

- (1) Do the following before submitting the bid:
  1. Have a properly executed annual bid bond on file with the department.

2. Have a digital ID on file with and enabled by Info Tech Inc. Using this digital ID will constitute the bidder's signature for proper execution of the bidding proposal.
- (2) In lieu of preparing, delivering, and submitting the proposal as specified in 102.6 and 102.9 of the standard specifications, submit the proposal on the internet as follows:
  1. Download the latest schedule of items reflecting all addenda from the Bid Express™ web site.
  2. Use Expedite™ software to enter a unit price for every item in the schedule of items.
  3. Submit the bid according to the requirements of Expedite™ software and the Bid Express™ web site. Do not submit a bid on a printout with accompanying diskette or CD ROM or a paper bid. If the bidder does submit a bid on a printout with accompanying diskette or a paper bid in addition to the internet submittal, the department will disregard the internet bid.
  4. Submit the bid before the hour and date the Notice to Contractors designates.
  5. Do not sign, notarize, and return the bidding proposal described in 102.2 of the standard specifications.
- (3) The department will not consider the bid accepted until the hour and date the Notice to Contractors designates.

## **B.2 On a Printout with Accompanying Diskette or CD ROM**

- (1) Download the latest schedule of items from the Wisconsin pages of the Bid Express™ web site reflecting the latest addenda posted on the department's web site at:  
<https://wisconsindot.gov/Pages/doing-bus/contractors/hcci/bid-let.aspx>  
Use Expedite™ software to prepare and print the schedule of items. Provide a valid amount for all price fields. Follow instructions and review the help screens provided on the Bid Express™ web site to assure that the schedule of items is prepared properly.
- (2) Staple an 8 1/2 by 11 inch printout of the Expedite™ generated schedule of items to the other proposal documents submitted to the department as a part of the bidder's sealed bid. As a separate submittal, not in the sealed bid envelop but due at the same time and place as the sealed bid, also provide the Expedite™ generated schedule of items on a 3 1/2 inch computer diskette or CD ROM. Label each diskette or CD ROM with the bidder's name, the 4 character department-assigned bidder identification code from the top of the bidding proposal, and a list of the proposal numbers included on that diskette or CD ROM as indicated in the following example:

**Bidder Name**

**BN00**

**Proposals: 1, 12, 14, & 22**

- (3) If bidding on more than one proposal in the letting, the bidder may include all proposals for that letting on one diskette or CD ROM. Include only submitted proposals with no incomplete or other files on the diskette or CD ROM.
- (4) The bidder-submitted printout of the Expedite™ generated schedule of items is the governing contract document and must conform to the requirements of section 102 of the standard specifications. If a printout needs to be altered, cross out the printed information with ink or typewriter and enter the new information and initial it in ink. If there is a discrepancy between the printout and the diskette or CD ROM, the department will analyze the bid using the printout information.
- (5) In addition to the reasons specified in section 102 of the standard specifications, proposals are irregular and the department may reject them for one or more of the following:
  1. The check code printed on the bottom of the printout of the Expedite™ generated schedule of items is not the same on each page.
  2. The check code printed on the printout of the Expedite™ generated schedule of items is not the same as the check code for that proposal provided on the diskette or CD ROM.

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

### **C Waiver of Electronic Submittal**

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

**PROPOSAL BID BOND**

DT1303 1/2006

Wisconsin Department of Transportation

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

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

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

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

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

**PRINCIPAL**

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

\_\_\_\_\_  
(Signature and Title)

\_\_\_\_\_  
(Company Name)

\_\_\_\_\_  
(Signature and Title)

\_\_\_\_\_  
(Company Name)

\_\_\_\_\_  
(Signature and Title)

\_\_\_\_\_  
(Company Name)

\_\_\_\_\_  
(Signature and Title)

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

\_\_\_\_\_  
(Signature of Attorney-in-Fact)

**NOTARY FOR PRINCIPAL**

\_\_\_\_\_  
(Date)

State of Wisconsin )  
 ) ss.  
\_\_\_\_\_ County )

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

\_\_\_\_\_  
(Signature, Notary Public, State of Wisconsin)

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

\_\_\_\_\_  
(Date Commission Expires)

**Notary Seal**

**NOTARY FOR SURETY**

\_\_\_\_\_  
(Date)

State of Wisconsin )  
 ) ss.  
\_\_\_\_\_ County )

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

\_\_\_\_\_  
(Signature, Notary Public, State of Wisconsin)

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

\_\_\_\_\_  
(Date Commission Expires)

**Notary Seal**

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



# CERTIFICATE OF ANNUAL BID BOND

DT1305 8/2003

Wisconsin Department of Transportation

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

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

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

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

\_\_\_\_\_  
(Signature of Authorized Contractor Representative)

\_\_\_\_\_  
(Date)





**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.

## LtSpecial Provisions

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## STSP'S Revised June 29, 2020

### SPECIAL PROVISIONS

#### 1. General.

Perform the work under this construction contract for Project 4550-03-71, Elkhart Lake to Kiel, South County Line to STH 32/57, STH 67, Manitowoc County, Wisconsin and 4550-04-71, Plymouth to Kiel, Suhrke Road to North County Line, STH 67, Sheboygan 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, 2021 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 (20200629)

#### 2. Scope of Work.

The work under this contract shall consist of asphaltic surface milling, excavation common, borrow, base aggregate, concrete pavement, asphaltic pavement, curb and gutter, culvert pipe, storm sewer, box culvert replacement, bridge overlay, concrete sidewalk, beam guard, 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 time frame for construction of the project within the 2021 construction season to the engineer in writing within a month after executing the contract but at least 14 calendar days before the preconstruction conference. Assure that the time frame is consistent with the contract completion time. Upon approval, the engineer will issue the notice to proceed within ten calendar days before the beginning of the approved time frame.

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

The Notice to Proceed will be issued such that work shall start no later than June 10, 2021, unless otherwise approved by the engineer.

#### Construction Staging

The concrete portion of the corridor, Station 23+44 to 56+52, will be constructed in stages:

Stage 1 - Replace and widen in some areas the existing southbound asphaltic shoulders to prepare for use by traffic. At the south end remove some of the curb and gutter along the southbound shoulder and place temporary asphaltic widening with curb and gutter for use in future stages. Remove existing curb and gutter and sidewalk in the median at the south and north ends of the divided section and place temporary asphaltic pavement for crossovers in future stages.

Stage 2 - Build northbound lanes.

Stage 3 - Build southbound lane at the south end of the project in the undivided section. Remove existing median and place temporary asphaltic pavement in spot locations to use in future stages.

Stage 4 - Build outside shoulder and curb and gutter of southbound at south end and remainder of southbound lanes.

Stage 5 - Build remainder of median at south end and from Station 49+30 to 52+22. The north end (undivided section) of the concrete portion of the road should be paved while STH 67 traffic is detoured for structure work on B-59-108. This area is depicted on the Stage 5 sheets with a unique pattern.



The asphaltic portion of the corridor, Station 56+52 to 631+15, will be milled and overlaid under traffic.

Do not allow the milled surface to remain exposed to traffic for a period greater than 72 hours unless adverse weather prevents placement of the asphalt surface layer. In the event of adverse weather, resume placement of the asphalt surface layer as soon as conditions permit. The milled surface of adjacent lanes and shoulders must be at the same surface elevation/grade at the end of each working day.

Except where a notched wedge longitudinal joint is constructed, paving shall be done so that each day's progress ends at the same station and thickness/grade for adjacent lanes and shoulders. Do not open adjacent lanes and shoulders to traffic concurrently until this is accomplished.

Where paving is done with a notched wedge longitudinal between adjacent lanes and shoulders, adjacent pavement must be paved to the same thickness/grade within 72 hours.

### **General**

There are two cemeteries located near the project, St. John Cemetery (BSB-0046) and St. Peter and Paul Cemetery (BMN-0092). They are outside of the project impacts. If any unanticipated cultural resources are encountered during construction, construction activities will be halted in that location and appropriate authorities and specialists will be contacted immediately.

Reclaimed asphaltic pavement (RAP) will not be allowed as a base aggregate substitute in widening areas along the project.

Obtain approval from the engineer prior to alternating construction sequencing/staging.

Existing trees, street light poles, hydrants and other utility poles are to remain in place during construction unless otherwise noted in the plan. Conduct an on-site visit prior to bidding to determine any special measures required for proper clearance between the trees, hydrants and poles and the paving equipment. No additional compensation will be made.

Limit tree removal to the area within the slope intercepts and clear zone. An exception to this is near Holzman Road intersection where clearing is required to the right-of-way line for sight distance. Make every attempt to save trees in the space between the slope intercepts and highway right-of-way line except as noted above.

Cold weather asphaltic paving may occur only in the section of STH 67 over box culvert C-59-0115, approximately Station 461+00 – Station 462+00. All other asphaltic paving shall be completed from May 16 to September 30.

### **Interim Liquidated Damages**

At the beginning of the bridge and box culvert construction operations, close STH 67 to through traffic for a maximum of 15 working days under detour #1. Do not reopen until completing the following work: Structure B-59-108, cross drain culvert pipe installations and backfill (unless completed earlier), base aggregate, landscaping, paving, guard rail, and pavement marking associated with those locations. See Traffic Control Stage 5 for depiction of specific roadway work to be completed during detour #1.

If the contractor fails to complete the work necessary to reopen STH 67 to traffic and remove detour signing pertaining to only detour #1 within 15 working days of beginning the closures and detour for Structure B-59-0108, the department will assess the contractor \$750 in interim liquidated damages for each working day contract work remains incomplete and any portion of the closures or detours remain in place beyond 15 working days. An entire working day will be charged for any period of time within a day that STH 67 remains closed beyond 12:01 AM.

At the completion of bridge construction operations and immediately after signs associated with only detour #1 are removed, close STH 67 under detour #2 such that the total number of continuous days closed under both detours #1 and #2 combined does not exceed 30 working days. Do not reopen until completing the following work: Structure C-59-0115 and associated backfill, base aggregate, landscaping, paving, guard rail, and pavement marking.

If the contractor fails to complete the work necessary to reopen STH 67 to traffic and remove all detour signing pertaining to detour #2 within 30 working days of beginning the closures and both detours for Structure C-59-0115, the department will assess the contractor \$1,250 in interim liquidated damages for each working day contract work remains incomplete and any portion of the closures or detours remain in place beyond 30 working days. An entire working day will be charged for any period of time within a day that STH 67 remains closed beyond 12:01 AM.

At the beginning of the ramp intersection construction operations, close the eastbound STH 23 Entrance Ramp from STH 67 to through traffic for a maximum of 5 working days. Do not reopen until completing the following work: paving and pavement marking of STH 67 in front of the ramp terminal.

If the contractor fails to complete the work necessary to reopen the eastbound STH 23 Entrance Ramp from STH 67 to traffic within 5 working days of beginning the closure, the department will assess the contractor \$1,500 in interim liquidated damages for each working day contract work remains incomplete and any portion of the closure remains in place beyond 5 working days. An entire working day will be charged for any period of time within a working day that the ramp remains closed beyond 12:01 AM.

At the beginning of the ramp intersection construction operations, close the eastbound STH 23 Exit Ramp to STH 67 to through traffic for a maximum of 5 working days. Do not reopen until completing the following work: paving and pavement marking of STH 67 in front of the ramp terminal.

If the contractor fails to complete the work necessary to reopen the eastbound STH 23 Exit Ramp to STH 67 to traffic within 5 working days of beginning the closure, the department will assess the contractor \$250 in interim liquidated damages for each working day contract work remains incomplete and any portion of the closure remains in place beyond 5 working days. An entire working day will be charged for any period of time within a working day that the ramp remains closed beyond 12:01 AM.

At the beginning of the ramp intersection construction operations, close the westbound STH 23 Entrance Ramp from STH 67 to through traffic for a maximum of 5 working days. Do not reopen until completing the following work: paving of STH 67 in front of the ramp terminal.

If the contractor fails to complete the work necessary to reopen the westbound STH 23 Entrance Ramp from STH 67 to traffic within 5 working days of beginning the closure, the department will assess the contractor \$250 in interim liquidated damages for each working day contract work remains incomplete and any portion of the closure remains in place beyond 5 working days. An entire working day will be charged for any period of time within a working day that the ramp remains closed beyond 12:01 AM.

At the beginning of the ramp intersection construction operations, close the westbound STH 23 Exit Ramp to STH 67 to through traffic for a maximum of 5 working days. Do not reopen until completing the following work: paving and pavement marking STH 67 in front of the ramp terminal.

If the contractor fails to complete the work necessary to reopen the westbound STH 23 Exit Ramp to STH 67 to traffic within 5 working days of beginning the closure, the department will assess the contractor \$1,250 in interim liquidated damages for each working day contract work remains incomplete and any portion of the closure remains in place beyond 5 working days. An entire working day will be charged for any period of time within a working day that the ramp remains closed beyond 12:01 AM.

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

## **Fish Spawning**

There shall be no instream disturbance of LaBudde Creek or Muehl Springs 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 spawning of fish species.

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.

0036 (20090901)

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

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

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

If additional trees need to be removed, no Clearing shall occur without prior approval from the engineer, following coordination with the 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.

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

#### **4. Traffic.**

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

In Kiel, a shared use path only exists along the west side of the roadway to the north of Mueller Road with the opposite side having a rural shoulder. In these locations, the path will be closed short term, no longer than two weeks, only during active construction of the curb ramps. No alternate pedestrian route will be signed. Contact City of Kiel Recreation Manager at (920) 894-7861 to coordinate closure schedule to minimize impacts to activities at the adjacent Karl's Sports Terrace park. Curb ramps will be added to the median and outside shoulders at the crossing with Old Plank Road Trail. Minimize the amount of time the trail is closed.

Close shoulders to accommodate guardrail work. Shoulders must be reopened during non-working hours. Prior to reopening the shoulders, the work required for adjusting or replacing guardrail must be completed, so that the guardrail system is safe and functional.

Traffic on the concrete portion of the corridor, Station 23+44 to 56+52, will be moved to one side of the road while the other direction is repaved. Once complete, traffic will be moved to the completed side of the median to finish repaving. The traffic control is defined as follows:

Stage 1 - Replace and widen in some areas the existing southbound asphaltic shoulders to prepare for use by traffic. At the south end remove some of the curb and gutter along the southbound shoulder and place temporary asphaltic widening with curb and gutter for use in future stages. This work will be done with shoulder closures. Remove existing curb and gutter and sidewalk in the median at the south and north ends of the divided section and place temporary asphaltic pavement for crossovers in future stages. This work will be done with the assistance of flaggers.

Stage 2 - Build northbound lanes, traffic all on southbound lanes/shoulder/widening with flexible tubular markers separating opposing traffic.

Stage 3 - Build southbound lane at the south end of the project in the undivided section and remove existing median and place temporary asphaltic pavement in spot locations, northbound traffic on northbound lane/shoulder and southbound traffic on southbound shoulder/temporary widening.

Stage 4 - Build outside shoulder and curb and gutter of southbound at south end and remainder of southbound lanes, traffic all on northbound lanes/shoulder with flexible tubular markers separating opposing traffic.

Stage 5 - Build remainder of median at south and north ends, traffic on respective lanes with small offset away from median for median closure at those locations.

Short-term closures of the ramps at STH 23 will be necessary in order to construct the southbound pavement. Each ramp cannot be closed longer than five continuous working days, nor during the same time that Detour #1 is in place, nor during holiday or special even periods. A posted detour route is not required. Ramps shall not be closed concurrently. As shown in the plans, place fixed message signs at CTH J and CTH C intersections when the ramp closures are in place to indicate the ramp is closed and to provide an alternate route to gain access to STH 23.

The asphaltic portion of the corridor, Station 56+52 to 631+15, shall be milled and overlaid under traffic utilizing flagging operations. Flagging operations may only take place during daylight hours.

Detour #1: The first STH 67 detour will be for work on two separate structures, B-59-108 located north of the STH 23 interchange and C-59-0115 (replacement of C-59-0081) located north of CTH MM as well as for cross drain culvert pipe installations (unless installed earlier) and for portions of the north end of the concrete section of STH 67. The center of STH 67 from Station 52+22 to 54+50 and the entire width of the roadway from Station 54+50 to 56+52 shall be constructed during detour #1. Portable changeable message signs shall be located on both sides of each structure prior to the closure as indicated on the plans. The first detour will span both work zones. STH 67 traffic will be detoured onto STH 23, STH 57, STH 32/STH 57, and then return onto STH 67.

Detour #2: Once Structure B-59-0108 is complete, work will continue on Structure C-59-0115. The second STH 67 detour will be for just the roadway closure north of CTH MM for remaining construction of that structure. STH 67 traffic will be detoured onto CTH A, STH 57, STH 32/STH 57, and then return onto STH 67.

Access shall be maintained on a minimum of a compacted base aggregate surface. Continuous access shall be maintained for the Village of Elkhart Lake fire station driveways located north of Badger Road. Provide local access to residents, businesses, and emergency vehicles at all times during work under this contract, except as allowed below:

- Driveway access may be discontinued temporarily during removals, excavation, asphalt paving and base aggregate operations, but must be reopened on a minimum of a base aggregate surface by the end of each day.
- Urban section driveway access may be closed continuously for a maximum of 5 consecutive working days for driveway reconstruction including removals, excavation/grading, base aggregate, concrete curb and gutter and sidewalk, and associated concrete cure time.

Provide written notification to all affected property owners and tenants at least 48 hours prior to interruption of vehicular access. Include in the notification the estimated duration the property owner or tenant will be without access.

Keep sidewalks open unless otherwise shown on the plans or as approved by the engineer. Maintain pedestrian access to adjacent properties, businesses, and schools or provide where necessary, as directed by the engineer.

Some curb ramps will be replaced in Elkhart Lake and Kiel. Stage construction to maintain crossings on two legs of a four-way intersection as shown on the plans. Pedestrian traffic will be redirected using temporary curb ramps, temporary crosswalk markings and temporary pedestrian surfaces as shown in the plans. In Kiel, path only exists along the west side of the roadway to the north of Mueller Road with the opposite side having a rural shoulder. In these locations, the path will be closed short term, no longer than two weeks, only during active construction of the curb ramps. No alternate pedestrian route will be signed. Contact City of Kiel Recreation Manager at 920-894-7861 to coordinate closure schedule to minimize impacts to activities at the adjacent Karl's Sports Terrace park. Curb ramps will be added to the median at the crossing with Old Plank Road Trail and detectable warning fields will be added adjacent to the outside shoulders along STH 67 at the trail crossing locations. The contractor will be required to minimize the amount of time the trail is closed to only time periods of active construction for work on trail features and for work on the STH 67 southbound pavement directly adjacent to the trail crossing. Pavement gaps will be utilized for the southbound pavement to reduce the time period of the trail closure. The STH 67 northbound pavement will not be replaced adjacent to the trail.

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

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

PCMS boards must be deployed seven days before the closure of STH 67 and the STH 23 ramps.  
ner-643-035 (20171213)

## Wisconsin Lane Closure System Advance Notification

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

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

<b>Closure type with height, weight, or width restrictions (available width, all lanes in one direction &lt; 16 feet)</b>	<b>MINIMUM NOTIFICATION</b>
Lane and shoulder closures	7 calendar days
Full roadway closures	7 calendar days
Ramp closures	7 calendar days
Detours	7 calendar days
<b>Closure type without height, weight, or width restrictions (available width, all lanes in one direction ≥ 16 feet)</b>	<b>MINIMUM NOTIFICATION</b>
Lane and shoulder closures	3 business days
Ramp closures	3 business days
Modifying all closure types	3 business days

Discuss LCS completion dates and provide changes in the schedule to the engineer at weekly project meetings in order to manage closures nearing their completion date.

### 5. Holiday and Special Event Work Restrictions.

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying STH 67 traffic, and entirely clear the traveled way and shoulders of such portions of the highway of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday and special event periods:

- From noon Friday, May 28, 2021 to 6:00 AM Tuesday, June 1, 2021 for Memorial Day;
- From noon Thursday, June 17, 2021 to 6:00 AM Monday June 21, 2021 for Indy Car event;
- From noon Friday, July 2, 2021 to 6:00 AM Tuesday, July 6, 2021 for Independence Day;
- From noon Thursday August 19, 2021 to 6:00 AM Monday, August 23, 2021 for NASCAR event;
- From noon Friday, September 3, 2021 to 6:00 AM Tuesday, September 7, 2021 for Labor Day.

For the traffic stages described in the preceding articles for the work at the STH 23 and STH 67 interchange only, necessary traffic control devices may remain in place during holiday and special event periods, provided all ramps and lanes remain open to traffic on either temporary or final traffic patterns as noted in the plans or approved by the engineer.

Indy Car and NASCAR event dates are tentative. Contact Road America Vice President Greg Wieser at (920) 698-1587 to confirm race event dates.

Do not haul materials of any kind to or from the site during the following special event period:

- From 6:00 AM Monday, September 20, 2021 to 6:00 AM Monday, September 27, 2021 for Ryder Cup.

Detours may remain in place and work within the closed roadway may continue during the Ryder Cup event period.

### 6. Utilities.

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

107-065 (20080501)

Some of the utility work described below is dependent on prior work being performed by the contractor at specific site. In such situations, provide the engineer and the affected utility a good faith notice of when the utility is to start work at the site. Provide this notice 14 to 16 calendar days in advance of when the

prior work will be completed, and the site will be available to the utility owner. Follow-up with a confirmation notice to the engineer and the utility owner not less than three working days before the site will be ready for the utility owner to begin its work.”

### **Project 4550-03-71**

There are underground and overhead utility facilities located within the project limits. There are known utility adjustments required for this construction project. Coordinate construction activities with a call to Diggers Hotline or a direct call to the utilities which have facilities in the area as required per state statutes. Use caution to ensure the integrity of underground facilities during all construction operations; protect utility facilities; and maintain code clearances from overhead facilities at all times.

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.

**City of Kiel (sewer)** has underground facilities within the project limits. No adjustments are necessary to sanitary sewer facilities.

The construction field contact for City of Kiel is:

Kris August  
621 Sixth Street  
Kiel, WI 53042  
(920) 894-2909  
(920) 286-0735  
[gm@ci.kiel.wi.us](mailto:gm@ci.kiel.wi.us)

**Frontier Communications (communication line)** has underground facilities within the project limits. New underground facilities will be constructed. This work will be performed by Frontier Communications prior to the start of road construction. Utility construction was substantially completed in 2019 with the remaining work anticipated to be completed by July 2020.

Station 568+82, 33' LT

Frontier will remove existing pedestal.

Station 568+92

Frontier will place a new pedestal at 40' LT. Frontier will also make a road crossing placing a new copper cable. This cable will be placed at a minimum of 48" deep under existing ditches.

Station 569+40, 40' RT

Frontier will remove existing pedestal.

Throughout the project Frontier has pedestals that have minor grading near them (less than 6"), these pedestals will be either raised or lowered after grading is complete. Provide notice to Frontier when the grading is complete. These adjustments will not have any effect on the road project.

The construction field contact for Frontier Communications of WI LLC is:

Cal Klade  
521 4th Street  
Wausau, WI 54401  
(715) 847-1525  
(715) 573-2110  
[Calvin.Klade@fr.com](mailto:Calvin.Klade@fr.com)

**Kiel City Utilities (electricity)** has overhead facilities within the project limits. There will be adjustments needed to the electrical facilities as shown below. This work will be performed by Kiel City Utilities prior to the start of road construction with utility construction anticipated to begin in the summer of 2020 and be completed in December 2020.

Kiel City Utilities will reconstruct all impacted facilities underground within 5 feet of the west right-of-way limit other than crossings which will be directionally bored as required at a minimum of 42" depth of burial along the bore profiles.

Pole at Station 568+73, 38' LT will be relocated/replaced west of grading before construction.

Pole at Station 577+73, 30' LT will be temporarily relocated west of grading before construction.

There is one joint pole contact that will need to be vacated prior to pole removal.

The construction field contact for Kiel City Utilities is:

Kris August  
621 Sixth Street  
Kiel, WI 53042  
(920) 894-2909  
(920) -286-0735  
[kris.august@kielwi.gov](mailto:kris.august@kielwi.gov)

**Kiel City Utilities (water)** has underground facilities within the project limits. A single water valve box will require adjustment as part of this project. See project miscellaneous quantities for the location of this adjustment within the City of Kiel in accordance with the requirement of Adjusting Water Valve Boxes bid item.

The construction field contact for Kiel City Utilities is:

Kris August  
621 Sixth Street  
Kiel, WI 53042  
(920) 894-2909  
(920) 286-0735  
[kris.august@kielwi.gov](mailto:kris.august@kielwi.gov)

**We Energies (electricity)** has overhead facilities within the project limits. No adjustments are necessary. The following facilities are within the grading limits and will remain in place, no conflict is anticipated.

Station 620+04, LT	Guy Anchors
Station 621+08, RT	Guy Anchors

The construction field contact for We Energies - Electric is:

Gregory Boerner  
500 S 116th Street  
West Allis, WI 53214  
(618) 409-5861  
[Gregory.Boerner@we-energies.com](mailto:Gregory.Boerner@we-energies.com)

**Wisconsin Public Service Corporation (gas/petroleum)** has underground facilities within the project limits. No adjustments are necessary.

The construction field contact for WPS is:

Nick Wilbert  
933 S. Wildwood Avenue  
Sheboygan, WI 53081  
(920) 451-3733  
[Nicholas.wilbert@wisconsinpublicservice.com](mailto:Nicholas.wilbert@wisconsinpublicservice.com)

### **Project 4550-04-71**

There are underground and overhead utility facilities located within the project limits. There are known utility adjustments required for this construction project. Coordinate construction activities with a call to Diggers Hotline or a direct call to the utilities which have facilities in the area as required per state statutes. Use caution to ensure the integrity of underground facilities during all construction operations; protect utility facilities; and maintain code clearances from overhead facilities at all times.

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.

**Charter Communications (communication line)** has underground and overhead facilities within the project limits. Charter has overhead facilities (Time Warner Cable) located on We Energies poles in Sheboygan County. We Energies will be relocating some poles containing Charter facilities as listed below. This work was performed by Charter Communications in 2019 and 2020 to avoid conflicts with this contract.

Station 215+94 RT

Station 300+60 LT

The construction field contact for Charter Communications is:

Charlie Brasile

1320 N. Martin Luther King Jr. Drive

Milwaukee, WI 53212

(414) 908-4822

[charles.brasile@charter.com](mailto:charles.brasile@charter.com)

**Frontier Communications (communication line)** has underground facilities within the project limits. New underground facilities will be constructed. This work will be performed by Frontier Communications prior to the start of road construction. Utility construction was substantially completed in 2019 with the remaining work anticipated to be completed by July 2020.

Station 501+75 to Station 502+50 LT

Frontier will lower existing cable 12". Frontier will contact property owner at 920-894-2612 one week prior to starting any utility work adjacent to the parcel to discuss minimization of tree impact.

Station 507+31, 45' LT

Frontier will remove existing pedestal and make a buried splice on existing cable.

Station 521+82, 26' LT

Frontier will raise existing pedestal 2'.

Station 521+82 to Station 524+60 RT

Frontier will place a new copper cable, cable will be place 36" deep at 30' RT.

Station 524+60

Frontier will make a road crossing and place a new copper cable, cable will be placed at a minimum of 48" deep under ditches.

Station 524+60 to Station 525+65 LT

Frontier will place a new copper cable, cable will be placed at 36" deep at 30' LT.

Station 525+65 LT

Frontier will relocate existing pedestal 18" LT to 31' LT providing there is enough slack in existing cables.

Throughout the project Frontier has pedestals that have minor grading near them (less than 6"), these pedestals will be either raised or lowered after grading is complete. Provide notice to Frontier when the grading is complete. These adjustments will not have any effect on the road project.

The construction field contact for Frontier Communications of WI LLC is:

Cal Klade

521 4th Street

Wausau, WI 54401

(715) 847-1525

(715) 573-2110

[Calvin.Klade@ftr.com](mailto:Calvin.Klade@ftr.com)

**Kiel City Utilities (electricity)** has underground and overhead facilities within the project limits. There will be adjustments needed to the electrical facilities as shown below. This work will be performed by Kiel City Utilities prior to the start of road construction with utility construction anticipated to begin in the summer of 2020 and be completed in December 2020.



Kiel City Utilities will reconstruct all impacted facilities underground within 5 feet of the west right-of-way limit other than crossings which will be directionally bored as required at a minimum of 42" depth of burial along the bore profiles.

Pole at Station 541+84, 30' LT will be slid west prior to construction.

Pole at Station 552+35, 26' LT will be slid west prior to construction.

Poles at Station 565+06, 33' LT and 567+36, 32' LT will be removed/eliminated prior to construction.

There is one joint pole contact that will need to be vacated prior to pole removal.

Electric service is all one-way feed; new lines need to be installed and connected before any existing lines/poles can be removed/retired.

Kiel City Utilities has underground facilities that will no longer be in use but will be left in place as follows:

The existing underground electric cable near Holzman Road will be discontinued in place once the new line is installed.

The construction field contact for Kiel City Utilities is:

Kris August  
 621 Sixth Street  
 Kiel, WI 53042  
 (920) 894-2909  
 (920) 286-0735  
[kris.august@kielwi.gov](mailto:kris.august@kielwi.gov)

**Plymouth Utilities Company (communication line)** has underground and overhead facilities within the project limits. There are no conflicts with the communication line.

The construction field contact for Plymouth Utilities Company is:

Ryan Roehrborn  
 900 CTH PP  
 PO Box 227  
 Plymouth, WI 53073  
 (920) 893-3855  
[rroehrborn@plymouthutilities.com](mailto:rroehrborn@plymouthutilities.com)

**Plymouth Utilities Company (electricity)** has underground and overhead facilities within the project limits. There are minimal adjustments to the electrical line as listed below. This work will be performed by Plymouth Utilities prior to the start of road construction. Utility construction was substantially completed in early 2020 with the remaining work anticipated to be completed by August 2020.

Station, Location	Work Proposed
24+50, LT	Move power pole 10" east of west lot line
26+14, LT	Move power pole 10" east of west lot line
26+33, LT	Remove anchor and down guy
26+15, LT	Remove anchor and down guy
26+41, LT	Remove anchor and down guy
27+60, LT	Set new pole 6.5' east of the west lot line
27+80, LT	Install new anchor 6' east of west lot line
27+86, LT	Install new anchor 6' east of west lot line
29+45, RT	New pole 9' west of east property line (remove existing pole at this Station)
29+45, RT	New anchor at the lot corner west of the east property line
52+93, RT	Set new pole 48' from center line of STH 67 and 41' from centerline of River Heights Dr.
103+26, RT	Remove anchor and down guy
149+94, LT	Move pole 10' west of existing pole to 46' from center line of HWY-67

From Station 27+60, LT Plymouth Utilities will install new underground going north to Rustic Road then west on the south side of Rustic Road. Underground facilities will be buried 1' east of the west property line along STH 67.

No action will take place to the existing electric facilities in the following locations. Some locations have minor fill work and other locations have no project work at all. Note that Plymouth Utilities has facilities in addition to what is listed below, but they are further away from the roadway and not in locations of grading impacts. Provide notice to the utility owner 14 to 16 calendar days in advance of working around the following facilities. Follow-up with a confirmation notice to the engineer and utility owner not less than three working days before beginning work around the following facilities..

Station, Location	Facility
56+60, RT	Guy Wire
76+95, RT	Power pole
78+84, RT	Power pole
80+68, RT	Power pole
82+20, RT	Power pole
83+70, LT	Power pole
83+71, RT	Power pole
86+07, RT	Power pole
88+25 – 88+28, LT	Electrical Pedestal
88+60, RT	Power pole
91+03, LT	Power pole
91+03, RT	Power pole
145+70, RT	Guy Wire
145+85, RT	Power pole

The construction field contact for Plymouth Utilities Company is:

Ryan Roehrborn  
 900 CTH PP  
 PO Box 227  
 Plymouth, WI 53073  
 (920) 893-3855  
[rrehborn@plymouthutilities.com](mailto:rrehborn@plymouthutilities.com)

**Sheboygan County (sewer)** has underground facilities within the project limits. Sanitary manholes located on the left side of STH 67 near Emerald Lane and CTH J will require adjustment during the project. This work will be performed by Sheboygan County forces during road construction and is expected to take one working day. Provide notice 14 to 16 calendar days in advance of needing the adjustments to the utility owner. Follow-up with a confirmation notice to the engineer and utility owner not less than three working days before the site will be ready for the utility owner to begin its work.. The engineer will provide Sheboygan County the final rim height needed for the manholes.

The construction field contact for Sheboygan County Highway Department is:

Bryan Olson  
 W5741 CTH J  
 Plymouth, WI 53073  
 (920) 459-3822  
 (920) 980-3995 (mobile)  
[Byran.olson@sheboygancounty.com](mailto:Byran.olson@sheboygancounty.com)

**Sheboygan County (water)** has underground facilities within the project limits. There are no conflicts with water facilities.

The construction field contact for Sheboygan County Highway Department is:

Bryan Olson  
W5741 CTH J  
Plymouth, WI 53073  
(920) 459-3822  
(920) 980-3995 (mobile)  
[Byran.olson@sheboygancounty.com](mailto:Byran.olson@sheboygancounty.com)

**Village of Elkhart Lake (sewer)** has underground facilities within the project limits. Sanitary manholes will require adjustment as part of this project. See project miscellaneous quantities for the locations of these adjustments within the Village of Elkhart Lake in accordance with the requirements of Adjusting Manhole Covers with Pro-Rings bid item.

The construction field contact for Village of Elkhart Lake is:

Pat Zorn  
51 E Maple Street  
P.O. Box 143  
Elkhart Lake, WI 53020  
920-207-8002  
[pzorn@elkhartlakewi.gov](mailto:pzorn@elkhartlakewi.gov)

**Village of Elkhart Lake (water)** has underground facilities within the project limits. Water valve boxes will require adjustment as part of this project. See project miscellaneous quantities for the locations of these adjustments within the Village of Elkhart Lake in accordance with the requirements of Adjusting Water Valve Boxes bid item.

The construction field contact for Village of Elkhart Lake is:

Pat Zorn  
51 E Maple Street  
P.O. Box 143  
Elkhart Lake, WI 53020  
(920) 207-8002  
[pzorn@elkhartlakewi.gov](mailto:pzorn@elkhartlakewi.gov)

**We Energies (electricity)** has underground and overhead facilities in the project corridor that will need relocation or adjustment. This work will be performed by We Energies prior to the start of road construction. Utility construction was performed in 2019 and completed in early 2020 to avoid conflicts with this contract. Any facilities not explicitly identified as being relocated have been deemed to be not in conflict and will remain in place as is. We Energies electric performed the following work prior to construction:

Station, Offset Location	Work Proposed
218+93.5, 59' RT	Attach to existing pole
217+95, 130' RT	Install pole
217+99, 146' RT	Remove pole
215+50, 49' RT	Install pole, contractor to work around anchor rod
215+94, 49' RT	Remove pole
216+36, 136' LT	Attach to existing pole
247+72, 140' LT	Install Pole
247+72, 142' LT	Remove Pole
247+47, 29' LT	Remove Pole
247+32, 56' RT	Install Pole

Station, Offset Location	Work Proposed
247+32, 54' RT	Remove Pole
300+60.5, 32' LT	Install Pole
300+60.5, 28' LT	Remove Pole
289+70, 32' LT	Install Pole
289+70, 26.5' LT	Remove Pole
289+70, 43' RT	Install Pole
287+48, 32' LT	Install Pole
287+48, 26' LT	Remove Pole
273+93.5, 30.5 'LT	Extend Anchor Rod. Contractor to work around anchor rod.
311+16, 72' RT	Trench Start
311+6, 23' RT	Trench End
427+99, 33' RT	Extend anchor rod
424+41.5, 40.5 'RT	Attach to existing pole
422+80.5, 39.5' RT	Install Pole
422+25, 34.5' RT	Remove Pole
420+8, 43.5' RT	Install Pole
419+65, 30' RT	Remove Pole
417+34.5, 45' RT	Install Pole
416+80, 30' RT	Remove Pole
414+94.5, 46.5' RT	Install Pole
414+11, 30' RT	Remove Pole
412+9.5, 48.5' RT	Install Pole
411+29.5, 49' RT	Remove Pole
408+68, 72.5' RT	Attach to existing pole
454+23, 23' RT	Start of cable bore on private property
454+50.5, 32.5' RT	Remove pole
452+13.5, 30' RT	Remove pole
449+73, 18' RT	Remove pole
447+25.5, 35' RT	Remove pole
445+47, 58' RT	Install pole. End of cable bore on private property
445+30, 49' RT	Remove pole
438+81, 31' LT	Install pole
438+81, 27' LT	Remove pole

The construction field contact for We Energies - Electric is:

Gregory Boerner  
500 S 116th Street  
West Allis, WI 53214  
(618) 409-5861  
[Gregory.Boerner@we-energies.com](mailto:Gregory.Boerner@we-energies.com)

**Wisconsin Public Service Corporation (gas/petroleum)** has underground and overhead facilities within the project limits. New underground facilities are required as follows. This work will be performed by WPS prior to the start of road construction. Utility construction noted below was completed in 2019 to avoid conflicts with this contract.

New 4" steel pipe along STH 67, RT from Station 310+00 to 311+50 and from Station 318+00 to 321+00.

WPS has an existing gas valve located near Station 145+92, 43' RT which was relocated further east along CTH J outside of the project limits.

WPS has underground facilities that are no longer in use but have been left in place as follows:

2" Plastic along STH 67, LT from Lime Kiln Rd to Stations 386+00 and 380+00 to 358+00

3" Steel along STH 67, LT from Station 358+00 to Maple St

2" steel along STH 67, RT from Maple St to E Rhine St

4" Steel along STH 67, RT from Chicago St to Garton Rd

4" Steel along STH 67, LT from Garton Rd to Highview Rd

2" Plastic along STH 67, RT from Highview Rd to Race Track Rd

2" Inserted Plastic along STH 67, RT from Highview Rd to Lando St

2" Inserted Plastic along STH 67, RT from Rocky Knoll Pkwy to CTH J

Prior to disturbing any discontinued WPS facilities confirm the status with the field contact for WPS.

The construction field contact for WPS is:

Nick Wilbert  
 933 S. Wildwood Avenue  
 Sheboygan, WI 53081  
 (920) 451-3733  
[Nicholas.wilbert@wisconsinpublicservice.com](mailto:Nicholas.wilbert@wisconsinpublicservice.com)

## 7. Railroad Insurance and Coordination - Wisconsin and Southern Railroad Company.

### A Description

Comply with standard spec 107.17 for all work affecting Wisconsin and Southern Railroad Company 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 Wisconsin and Southern Railroad Company.

Notify evidence of the required coverage, and duration to Amanda Haggerty, Office Administrator; 1890 E Johnson Street, Madison, WI 53704; Telephone (608) 620-2048; E-mail: [ahaggerty@watcocompanies.com](mailto:ahaggerty@watcocompanies.com).

Also send a copy to the following: Jared Kinziger, NE Region Railroad Coordinator; 944 Vanderperren Way, Green Bay, WI 54304; Telephone (920) 492-7713; E-mail: [jared.kinziger@dot.wi.gov](mailto:jared.kinziger@dot.wi.gov).

Include the following information on the insurance document:

- Project ID: 4550-04-71
- Work Performed: Ditching, grading, paving, signing and marking

#	Route Name	City/County	Crossing ID	RR Subdivision	RR Milepost
1	Golf Course Road	Elkhart Lake Sheboygan	387086G	Plymouth	144.71
2	Hickory Lane	Elkhart Lake Sheboygan	387085A	Plymouth	145.23

## A.2 Train Operation

#	Passenger Train Volume	Passenger Train Speed	Freight Train Volume	Freight Train Speed	Frequency	Switch Train Comment*
1	0	0	2	10	Weekly	No switch trains
2	0	0	2	10	Weekly	No switch trains

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

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

### Construction Contact

Roger Schaalma, Superintendent of Maintenance of Way, Wisconsin and Southern Railroad Co.; 1890 East Johnson Street, Madison, WI 53704; Telephone (608) 620-2044; E-mail [rschaalma@watcocompanies.com](mailto:rschaalma@watcocompanies.com) for consultation on railroad requirements during construction.

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

### Flagging Contact

See Construction Contact. Reference the Crossing ID, Wisconsin Milepost and Subdivision found in A.1.

### Cable Locate Contact

In addition to contacting Diggers Hotline, contact Amanda Haggerty, Office Administrator; Telephone (608) 620-2048; E-mail [ahaggerty@watcocompanies.com](mailto:ahaggerty@watcocompanies.com) at least five working days before the locate is needed. Reference the Crossing ID, Wisconsin Milepost and Subdivision found in A.1.

WSOR 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.

## 8. 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 Paul Brauer at (920) 366-1097.

107-054 (20080901)

## 9. 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 Paul Brauer at (920) 366-1097. Post the permit in a conspicuous place at the construction site.

107-056 (20180628)

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

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

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

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

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

Use the following inspection and removal procedures:

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

107-055 (20130615)

## 11. Notice to Contractor – Contamination Beyond Construction Limits.

The department completed testing for soil and ground water contamination for locations within this project where excavation is required. Testing indicated that petroleum-contaminated soil is present at the following sites:

1. 604 S. Lincoln Street, Elkhart Lake, Sheboygan County Highway Department property, contamination outside of road right-of-way
2. N8485 STH 67, Elkhart Lake, L H Reiss Tavern site, contamination within road right-of-way but at a depth of about 8 feet bgs and lower

The contaminated soils at the above sites are expected to be beyond the excavation limits necessary to complete the work under this project. Control construction operations at these locations to ensure that they do not extend beyond the excavation limits indicated in the plans. If contaminated soils are encountered at these sites or elsewhere on the project during excavation, terminate excavation in the area and notify the engineer.

The Hazardous Materials Report is available by contacting: Paul Brauer, 944 Vanderperren Way, Green Bay, WI 54304, (920) 366-1097.

107-100 (20050901)

**12. Notice to Contractor, Verification of Asbestos Inspection, No Asbestos Found.**

John Roelke, License Number All-119523, inspected Structure B-59-0108 for asbestos on February 22, 2018. No regulated Asbestos Containing Material (RACM) was found on this structure. A copy of the inspection report is available from: Paul Brauer, (920) 366-1097.

107-127 (20120615)

**13. Environmental Protection, Dewatering.**

*Add the following to standard spec 107.18:*

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

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

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

ner-107-040 (20180212)

**14. Construction Over or Adjacent to Navigable Waters.**

The Mullet River, LaBudde Creek, and Muehl Springs are classified as state navigable waterways under standard spec 107.19.

stp-107-060 (20171130)

**15. Archaeological Coordination.**

Archaeologically significant sites exist in the project area as follows:

<u>Site</u>	<u>Description</u>	<u>Location</u>
SB-0016 (BSB-0169)	Bugitsquian Village/Becker Village	Station 526+00 – 539+00 (LT and RT)

WisDOT has received permission from the State Historic Preservation Office (SHPO) to work within the boundaries of this burial site. This permission only applies to the boundaries of the burial site that lie within the roadway right-of way. Do not use the remainder of this site outside the roadway right-of-way for borrow, waste disposal, or for the staging of personnel, equipment and/or supplies.

If a potentially significant archaeological feature or material is discovered during construction operations, halt construction activities in that location and contact the engineer immediately.

**16. Coordination with Businesses.**

The contractor will arrange and conduct a meeting between the contractor, the department, local officials and business people to discuss the project schedule of operations including vehicular and pedestrian access during construction operations. Hold the first meeting prior to the start of work under this contract and monthly thereafter. The contractor shall notify all parties in writing a minimum of ten days prior to the first meeting being held.

ner-105-005 (20180212)



**17. Temporary Work Zone Clear Zone Working Restrictions.**

Park equipment and store materials, including stockpiles, a minimum of 18-feet from the edge of the traveled way unless protected by concrete barrier temporary precast.

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

(NER17-1018)

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

**A Description**

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

**B (Vacant)**

**C Construction**

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

**D Measurement**

The department will measure Concrete Pavement Joint Layout as a single lump sum unit for all joint layout designs and marking, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
415.5110.S	Concrete Pavement Joint Layout	LS

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

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

415-020 (20170615)

**19. HMA Percent Within Limits (PWL) Test Strip Volumetrics, Item 460.0105.S;  
HMA Percent Within Limits (PWL) Test Strip Density Item 460.0110.S.**

**A Description**

This special provision describes the Hot Mix Asphalt (HMA) density and volumetric testing tolerances required for an HMA test strip. An HMA test strip is required for contracts constructed under HMA Percent Within Limits (PWL) QMP. A density test strip is required for each pavement layer placed over a specific, uniform underlying material, unless specified otherwise in the plans. Each contract is restricted to a single mix design per mix type per layer (e.g., upper layer and lower layer may have different mix type specified or may have the same mix type with different mix designs). Each mix design requires a separate test strip. Density and volumetrics testing will be conducted on the same test strip whenever possible.

Perform work according to standard spec 460 and as follows.

**B Materials**

Use materials conforming to HMA Pavement Percent Within Limits (PWL) QMP special provision.

## C Construction

### C.1 Test Strip

Submit the test strip start time and date to the department in writing at least 5 calendar days in advance of construction of the test strip. If the contractor fails to begin paving within 2 hours of the submitted start time, the test strip is delayed, and the department will assess the contractor \$2,000 for each instance according to Section E of this document. Alterations to the start time and date must be submitted to the department in writing a minimum of 24 hours prior to the start time. The contractor will not be liable for changes in start time related to adverse weather days as defined by standard spec 101.3 or equipment breakdown verified by the department.

On the first day of production for a test strip, produce approximately 750 tons of HMA. (Note: adjust tonnage to accommodate natural break points in the project.) Locate test strips in a section of the roadway to allow a representative rolling pattern (i.e. not a ramp or shoulder, etc.).

#### C.1.1 Sampling and Testing Intervals

##### C.1.1.1 Volumetrics

Laboratory testing will be conducted from a split sample yielding three components, with portions designated for QC (quality control), QV (quality verification), and retained.

During production for the test strip, obtain sufficient HMA mixture for three-part split samples from trucks prior to departure from the plant. Collect three split samples during the production of test strip material. Perform sampling from the truck box and three-part splitting of HMA according to CMM 8-36. These three samples will be randomly selected by the engineer from each *third* of the test strip tonnage (T), excluding the first 50 tons:

Sample Number	Production Interval (tons)
1	50 to $\frac{T}{3}$
2	$\frac{T}{3}$ to $\frac{2T}{3}$
3	$\frac{2T}{3}$ to T

##### C.1.1.2 Density

Required field tests include contractor QC and department QV nuclear density gauge tests and pavement coring at ten individual locations (five in each half of the test strip length) according to Appendix A: *Test Methods and Sampling for HMA PWL QMP Projects*. Both QV and QC teams shall have two nuclear density gauges present for correlation at the time the test strip is constructed. QC and QV teams may wish to scan with additional gauges at the locations detailed in Appendix A, as only gauges used during the test strip correlation phase will be allowed.

#### C.1.2 Field Tests

##### C.1.2.1 Density

For contracts that include STSP 460-020 QMP Density in addition to PWL, a gauge comparison according to CMM 8-15.7 shall be completed prior to the day of test strip construction. Daily standardization of gauges on reference blocks and a project reference site shall be performed according to CMM 8-15.8. A standard count shall be performed for each gauge on the material placed for the test strip, prior to any additional data collection. Nuclear gauge readings and pavement cores shall be used to determine nuclear gauge correlation according to Appendix A. The two to three readings for the five locations across the mat for each of two zones shall be provided to the engineer. The engineer will analyze the readings of each gauge relative to the densities of the cores taken at each location. The engineer will determine the average difference between the nuclear gauge density readings and the measured core densities to be used as a constant offset value. This offset will be used to adjust raw density readings of the specific gauge and shall appear on the density data sheet along with gauge and project identification. An offset is specific to the mix and layer; therefore, a separate value shall be determined for each layer of each mix placed over a differing underlying material for the contract. This constitutes correlation of that individual gauge for the given layer. Two gauges per team are not required to be onsite daily after completion of the test strip. Any data collected without a correlated gauge will not be accepted.

The contractor is responsible for coring the pavement from the footprint of the density tests and filling core holes according to Appendix A. Coring and filling of pavement core holes must be approved by the engineer. The QV team is responsible for the labeling and safe transport of the cores from the field to the QC laboratory. Testing of cores shall be conducted by the contractor and witnessed by department personnel. The contractor is responsible for drying the cores following testing. The department will take possession of cores following laboratory testing and will be responsible for any verification testing at the discretion of the engineer.

The target maximum density to be used in determining core density is the average of the three volumetric/mix Gmm values from the test strip multiplied by 62.24 lb/ft<sup>3</sup>. In the event mix and density portions of the test strip procedure are separated, or if an additional density test strip is required, the mix portion must be conducted prior to density determination. The target maximum density to determine core densities shall then be the Gmm four-test running average (or three-test average from a PWL volumetric-only test strip) from the end of the previous day's production multiplied by 62.24 lb/ft<sup>3</sup>. If no PWL production volumetric test is to be taken in a density-only test strip, a non-random three-part split mix sample will be taken and tested for Gmm by the department representative. The department Gmm test results from this non-random test will be entered in the HMA PWL Test Strip Spreadsheet and must conform to the Acceptance Limits presented in C.2.1.

Exclusions such as shoulders and appurtenances shall be tested and reported according to CMM 8-15. However, all acceptance testing of shoulders and appurtenances will be conducted by the department, and average lot (daily) densities must conform to standard spec Table 460-3. No density incentive or disincentive will be applied to shoulders or appurtenances. However, unacceptable shoulder material will be handled according to standard spec 460.3.3.1 and CMM 8-15.11.

### C.1.3 Laboratory Tests

#### C.1.3.1 Volumetrics

Obtain random samples according to C.1.1.1 and Appendix A. Perform tests the same day as taking the sample.

Theoretical maximum specific gravities of each mixture sample will be obtained according to AASHTO T 209 as modified in CMM 8-36.6.6. Bulk specific gravities of both gyratory compacted samples and field cores shall be determined according to AASHTO T 166 as modified in CMM 8-36.6.5. The bulk specific gravity values determined from field cores shall be used to calculate a correction factor (i.e., offset) for each QC and QV nuclear density gauge. The correction factor will be used throughout the remainder of the layer.

### C.2 Acceptance

#### C.2.1 Volumetrics

Produce mix conforming to the following limits based on individual QC and QV test results (tolerances based on most recent JMF):

ITEM	ACCEPTANCE LIMITS
Percent passing given sieve:	
37.5-mm	+/- 8.0
25.0-mm	+/- 8.0
19.0-mm	+/- 7.5
12.5-mm	+/- 7.5
9.5-mm	+/- 7.5
2.36-mm	+/- 7.0
75-µm	+/- 3.0
Asphaltic content in percent <sup>[1]</sup>	- 0.5
Air Voids	-1.5 & +2.0
VMA in percent <sup>[2]</sup>	- 1.0
Maximum specific gravity	+/- 0.024

<sup>[1]</sup> Asphalt content more than -0.5% below the JMF will be referee tested by the department's AASHTO accredited laboratory and HTCP certified personnel using automated extraction according to ASTM D8159 as modified in CMM 8-36.6.3.1.

<sup>[2]</sup> VMA limits based on minimum requirement for mix design nominal maximum aggregate size in [table 460-1](#).

QV samples will be tested for Gmm, Gmb, and AC. Air voids and VMA will then be calculated using these test results.

Calculation of air voids shall use either the QC, QV, or retained split sample test results, as identified by conducting the paired t-test with the WisDOT PWL Test Strip Spreadsheet.

If QC and QV test results do not correlate as determined by the split sample comparison, the retained split sample will be tested by the department's AASHTO accredited laboratory and HTCP certified personnel as a referee test. Additional investigation shall be conducted to identify the source of the difference between QC and QV data. Referee data will be used to determine material conformance and pay.

### C.2.2 Density

Compact all layers of test strip HMA mixture to the applicable density shown in the following table:

TABLE 460-3 MINIMUM REQUIRED DENSITY<sup>[1]</sup>

LAYER	MIXTURE TYPE	
	LT & MT	HT
LOWER	93.0 <sup>[2]</sup>	93.0 <sup>[3]</sup>
UPPER	93.0	93.0

<sup>[1]</sup> If any individual core density test result falls more than 3.0 percent below the minimum required target maximum density, the engineer will investigate the acceptability of that material per CMM 8-15.11.

<sup>[2]</sup> Minimum reduced by 2.0 percent for a lower layer constructed directly on crushed aggregate or recycled base courses.

<sup>[3]</sup> Minimum reduced by 1.0 percent for lower layer constructed directly on crushed aggregate or recycled base courses.

Nuclear density gauges are acceptable for use on the project only if correlation is completed for that gauge during the time of the test strip and the department issues documentation of acceptance stating the correlation offset value specific to the gauge and mix design. The offset is not to be entered into any nuclear density gauge as it will be applied by the department-furnished Field Density Worksheet.

### C.2.3 Test Strip Approval and Material Conformance

All applicable laboratory and field testing associated with a test strip shall be completed prior to any additional mainline placement of the mix. All test reports shall be submitted to the department upon completion and approved before paving resumes. The department will notify the contractor within 24 hours from start of test strip regarding approval to proceed with paving, unless an alternate time frame is agreed upon in writing with the department. The 24-hour approval time includes only working days as defined in standard spec 101.3.

The department will evaluate material conformance and make pay adjustments based on the PWL value of air voids and density for the test strip. The QC core densities and QC and QV mix results will be used to determine the PWL values as calculated according to Appendix A.

The PWL values for air voids and density shall be calculated after determining core densities. An approved test strip is defined as the individual PWL values for air voids and density both being equal to or greater than 75, mixture volumetric properties conforming to the limits specified in C.2.1, and an acceptable gauge-to-core correlation. Further clarification on PWL test strip approval and appropriate post-test strip actions are shown in the following table:

PWL Test Strip Approval and Material Conformance Criteria

PWL Value for Air Voids and Density	Test Strip Approval	Material Conformance	Post-Test Strip Action
Both PWL $\geq$ 75	Approved <sup>1</sup>	Material paid for according to Section E.	Proceed with Production
$50 \leq$ Either PWL $<$ 75	Not Approved	Material paid for according to Section E.	Consult BTS to determine need for additional test strip.
Either PWL $<$ 50	Not Approved	Unacceptable material removed and replaced or paid for at 50% of the contract unit price according to Section E.	Construct additional Volumetrics or Density test strip as necessary.

<sup>1</sup> In addition to these PWL criteria, mixture volumetric properties must conform to the limits specified in C.2.1, split sample comparison must have a passing result and an acceptable gauge-to-core correlation must be completed.

A maximum of two test strips will be allowed to remain in place per pavement layer per contract. If material is removed, a new test strip shall replace the previous one at no additional cost to the department. If the contractor changes the mix design for a given mix type during a contract, no additional compensation will be paid by the department for the required additional test strip and the department will assess the contractor \$2,000 for the additional test strip according to Section E of this special provision. For simultaneously conducted density and volumetric test strip components, the following must be achieved:

- i. Passing/Resolution of Split Sample Comparison
- ii. Volumetrics/mix PWL value  $\geq$  75
- iii. Density PWL value  $\geq$  75
- iv. Acceptable correlation

If not conducted simultaneously, the mix portion of a test strip must accomplish (i) & (ii), while density must accomplish (iii) & (iv). If any applicable criteria are not achieved for a given test strip, the engineer, with authorization from the department's Bureau of Technical Services, will direct an additional test strip (or alternate plan approved by the department) be conducted to prove the criteria can be met prior to additional paving of that mix. For a density-only test strip, determination of mix conformance will be according to main production, i.e., HMA Pavement Percent Within Limits (PWL) QMP special provision.

#### D Measurement

The department will measure HMA Percent Within Limits (PWL) Test Strip as each unit of work, acceptably completed as passing the required air void, VMA, asphalt content, gradation, and density correlation for a Test Strip. Material quantities shall be determined according to standard spec 450.4 and detailed here within.

#### E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH
460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH

These items are intended to compensate the contractor for the construction of the test strip for contracts paved under the HMA Pavement Percent Within Limits QMP article.

Payment for HMA Percent Within Limits (PWL) Test Strip Volumetrics is full compensation for volumetric sampling, splitting, and testing; for proper labeling, handling, and retention of split samples.

Payment for HMA Percent Within Limits (PWL) Test Strip Density is full compensation for collecting and measuring of pavement cores, acceptably filling core holes, providing of nuclear gauges and operator(s), and all other work associated with completion of a core-to-gauge correlation, as directed by the engineer.

Acceptable HMA mixture placed on the project as part of a volumetric or density test strip will be compensated by the appropriate HMA Pavement bid item with any applicable pay adjustments. If a test strip is delayed as defined in C.1 of this document, the department will assess the contractor \$2,000 for each instance, under the HMA Delayed Test Strip administrative item. If an additional test strip is required because the initial test strip is not approved by the department or the mix design is changed by the contractor, the department will assess the contractor \$2,000 for each additional test strip (i.e. \$2,000 for each individual volumetric or density test strip) under the HMA Additional Test Strip administrative item.

Pay adjustment will be calculated using 65 dollars per ton of HMA pavement. The department will pay for measured quantities of mix based on \$65/ton multiplied by the following pay adjustment:

**PAY ADJUSTMENT FOR HMA PAVEMENT AIR VOIDS & DENSITY**

<i>PERCENT WITHIN LIMITS (PWL)</i>	<i>PAYMENT FACTOR, PF (percent of \$65/ton)</i>
≥ 90 to 100	PF = ((PWL – 90) * 0.4) + 100
≥ 50 to < 90	(PWL * 0.5) + 55
<50	50% <sup>[1]</sup>

where, PF is calculated per air voids and density, denoted PF<sub>air voids</sub> & PF<sub>density</sub>

<sup>[1]</sup> Material resulting in PWL value less than 50 shall be removed and replaced, unless the engineer allows for such material to remain in place. In the event the material remains in place, it will be paid at 50% of the contract unit price of HMA pavement.

For air voids, PWL values will be calculated using lower and upper specification limits of 2.0 and 4.3 percent, respectively. Lower specification limits for density will be according to Table 460-3 as modified herein. Pay adjustment will be determined for an acceptably completed test strip and will be computed as shown in the following equation:

$$\text{Pay Adjustment} = (\text{PF}-100)/100 \times (\text{WP}) \times (\text{tonnage}) \times (\$65/\text{ton})^*$$

\*Note: If Pay Factor <50, the contract unit price will be used in lieu of \$65/ton

The following weighted percentage (WP) values will be used for the corresponding parameter:

<u>Parameter</u>	<u>WP</u>
Air Voids	0.5
Density	0.5

Individual Pay Factors for each air voids (PF<sub>air voids</sub>) and density (PF<sub>density</sub>) will be determined. PF<sub>air voids</sub> will be multiplied by the total tonnage produced (i.e., from truck tickets), and PF<sub>density</sub> will be multiplied by the calculated tonnage used to pave the mainline only (i.e., traffic lane excluding shoulder) as determined according to Appendix A.

The department will pay incentive for air voids under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
460.2005	Incentive Density PWL HMA Pavement	DOL
460.2010	Incentive Air Voids HMA Pavement	DOL

The department will administer disincentives under the Disincentive Density HMA Pavement and the Disincentive Air Voids HMA Pavement administrative items.

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## 20. HMA Pavement Percent Within Limits (PWL) QMP.

### A Description

This special provision describes percent within limits (PWL) pay determination, providing and maintaining a contractor Quality Control (QC) Program, department Quality Verification (QV) Program, required sampling and testing, dispute resolution, corrective action, pavement density, and payment for HMA pavements. Pay is determined by statistical analysis performed on contractor and department test results conducted according to the Quality Management Program (QMP) as specified in standard spec 460, except as modified below.

### B Materials

Conform to the requirements of standard spec 450, 455, and 460 except where superseded by this special provision. The department will allow only one mix design for each HMA mixture type per layer required for the contract, unless approved by the engineer. The use of more than one mix design for each HMA pavement layer will require the contractor to construct a new test strip in accordance with HMA Pavement Percent Within Limits (PWL) QMP Test Strip Volumetrics and HMA Pavement Percent Within Limits (PWL) QMP Test Strip Density articles at no additional cost to the department.

*Replace standard spec 460.2.8.2.1.3.1 Contracts with 5000 Tons of Mixture or Greater with the following:*

#### **460.2.8.2.1.3.1 Contracts under Percent within Limits**

(1) Furnish and maintain a laboratory at the plant site fully equipped for performing contractor QC testing. Have the laboratory on-site and operational before beginning mixture production.

(2) Obtain random samples and perform tests according to this special provision and further defined in Appendix A: *Test Methods & Sampling for HMA PWL QMP Projects*. Obtain HMA mixture samples from trucks at the plant. For the subplot in which a QV sample is collected, discard the QC sample and test a split of the QV sample.

(3) Perform sampling from the truck box and three-part splitting of HMA samples according to CMM 8-36. Sample size must be adequate to run the appropriate required tests in addition to one set of duplicate tests that may be required for dispute resolution (i.e., retained). This requires sample sizes which yield three splits for all random sampling per subplot. All QC samples shall provide the following: QC, QV, and Retained. The contractor shall take possession and test the QC portions. The department will observe the splitting and take possession of the samples intended for QV testing (i.e., QV portion from each sample) and the Retained portions. Additional sampling details are found in Appendix A. Label samples according to CMM 8-36. Additional handling instructions for retained samples are found in CMM 8-36.

(4) Use the test methods identified below to perform the following tests at a frequency greater than or equal to that indicated:

- Blended aggregate gradations in accordance with AASHTO T 30
- Asphalt content (AC) in percent determined by ignition oven method according to AASHTO T 308 as modified in CMM 8-36.6.3.6, chemical extraction according to AASHTO T 164 Method A or B, or automated extraction according to ASTM D8159 as modified in CMM 8-36.6.3.1.
- Bulk specific gravity (Gmb) of the compacted mixture according to AASHTO T 166 as modified in CMM 8-36.6.5.
- Maximum specific gravity (Gmm) according to AASHTO T 209 as modified in CMM 8-36.6.6
- Air voids ( $V_a$ ) by calculation according to AASHTO T 269.
- Voids in Mineral Aggregate (VMA) by calculation according to AASHTO R35.

(5) Lot size shall consist of 3750 tons with sublots of 750 tons. Test each design mixture at a frequency of 1 test per 750 tons of mixture type produced and placed as part of the contract. Add a random sample for any fraction of 750 tons at the end of production for a specific mixture design. Partial lots with less than three subplot tests will be included into the previous lot for data analysis and pay adjustment. Volumetric lots will include all tonnage of mixture type under specified bid item unless otherwise specified in the plan.

(6) Conduct field tensile strength ratio tests according to AASHTO T283, without freeze-thaw conditioning cycles, on each qualifying mixture in accordance with CMM 8-36.6.14. Test each full 50,000-ton production increment, or fraction of an increment, after the first 5,000 tons of production. Perform required increment testing in the first week of production of that increment. If field tensile strength ratio values are below the spec limit, notify the engineer. The engineer and contractor will jointly determine a corrective action.

Delete standard spec 460.2.8.2.1.5 and 460.2.8.2.1.6.

Replace standard spec 460.2.8.2.1.7 Corrective Action with the following:

**460.2.8.2.1.7 Corrective Action**

(1) Material must conform to the following action and acceptance limits based on individual QC and QV test results (tolerances relative to the JMF used on the PWL Test Strip):

ITEM	ACTION LIMITS	ACCEPTANCE LIMITS
Percent passing given sieve:		
37.5-mm	+/- 8.0	
25.0-mm	+/- 8.0	
19.0-mm	+/- 7.5	
12.5-mm	+/- 7.5	
9.5-mm	+/- 7.5	
2.36-mm	+/- 7.0	
75-µm	+/- 3.0	
AC in percent <sup>[1]</sup>	-0.3	-0.5
Va		- 1.5 & +2.0
VMA in percent <sup>[2]</sup>	- 0.5	-1.0

[1] The department will not adjust pay based on QC AC in percent test results; however corrective action will be applied to nonconforming material according to 460.2.8.2.1.7(3) as modified herein.

[2] VMA limits based on minimum requirement for mix design nominal maximum aggregate size in table 460-1.

(2) QV samples will be tested for Gmm, Gmb, and AC. Air voids and VMA will then be calculated using these test results.

(3) Notify the engineer if any individual test result falls outside the action limits, investigate the cause and take corrective action to return to within action limits. If two consecutive test results fall outside the action limits, stop production. Production may not resume until approved by the engineer. Additional QV samples may be collected upon resuming production, at the discretion of the engineer.

(4) For any additional tests outside the random number testing conducted for volumetrics, the data collected will not be entered into PWL calculations. Additional QV tests must meet acceptance limits or be subject to production stop and/or remove and replace.

(5) Remove and replace unacceptable material at no additional expense to the department. Unacceptable material is defined as any individual QC or QV tests results outside the acceptance limits or a PWL value < 50. The engineer may allow such material to remain in place with a price reduction. The department will pay for such HMA Pavement allowed to remain in place at 50 percent of the contract unit price.

Replace standard spec 460.2.8.3.1.2 Personnel Requirements with the following:

**460.2.8.3.1.2 Personnel Requirements**

(1) The department will provide at least one HTCP-certified Transportation Materials Sampling (TMS) Technician, to observe QV sampling of HMA mixtures.



- (2) Under departmental observation, a contractor TMS technician shall collect and split samples.
- (3) A department HTCP-certified Hot Mix Asphalt, Technician I, Production Tester (HMA-IPT) technician will ensure that all sampling is performed correctly and conduct testing, analyze test results, and report resulting data.
- (4) The department will make an organizational chart available to the contractor before mixture production begins. The organizational chart will include names, telephone numbers, and current certifications of all QV testing personnel. The department will update the chart with appropriate changes, as they become effective.

*Replace standard spec 460.2.8.3.1.4 Department Verification Testing Requirements with the following:*

#### **460.2.8.3.1.4 Department Verification Testing Requirements**

- (1) HTCP-certified department personnel will obtain QV random samples by directly supervising HTCP-certified contractor personnel sampling from trucks at the plant. Sample size must be adequate to run the appropriate required tests in addition to one set of duplicate tests that may be required for dispute resolution (i.e., retained). This requires sample sizes which yield three splits for all random sampling per subplot. All QV samples shall furnish the following: QC, QV, and Retained. The department will observe the splitting and take possession of the samples intended for QV testing (i.e., QV portion from each sample) and the Retained portions. The department will take possession of retained samples accumulated to date each day QV samples are collected. The department will retain samples until surpassing the analysis window of up to 5 lots, as defined in standard spec 460.2.8.3.1.7(2) of this special provision. Additional sampling details are found in Appendix A.
- (2) The department will verify product quality using the test methods specified here in standard spec 460.2.8.3.1.4(3). The department will identify test methods before construction starts and use only those methods during production of that material unless the engineer and contractor mutually agree otherwise.
- (3) The department will perform all testing conforming to the following standards:
- Bulk specific gravity (Gmb) of the compacted mixture according to AASHTO T 166 as modified in CMM 8-36.6.5.
  - Maximum specific gravity (Gmm) according to AASHTO T 209 as modified in CMM 8-36.6.6.
  - Air voids (Va) by calculation according to AASHTO T 269.
  - Voids in Mineral Aggregate (VMA) by calculation according to AASHTO R 35.
  - Asphalt Content (AC) in percent determined by ignition oven method according to AASHTO T 308 as modified in CMM 8-36.6.3.6, chemical extraction according to AASHTO T 164 Method A or B, or automated extraction according to ASTM D8159 as modified in CMM 8-36.6.3.1.
- (4) The department will randomly test each design mixture at the minimum frequency of one test for each lot.

*Delete standard spec 460.2.8.3.1.6.*

*Replace standard spec 460.2.8.3.1.7 Dispute Resolution with the following:*

#### **460.2.8.3.1.7 Data Analysis for Volumetrics**

- (1) Analysis of test data for pay determination will be contingent upon QC and QV test results. Statistical analysis will be conducted on Gmm and Gmb test results for calculation of Va. If either Gmm or Gmb analysis results in non-comparable data as described in 460.2.8.3.1.7(2), subsequent testing will be performed for both parameters as detailed in the following paragraph.
- (2) The engineer, upon completion of the first 3 lots, will compare the variances (F-test) and the means (t-test) of the QV test results with the QC test results. Additional comparisons incorporating the first 3 lots of data will be performed following completion of the 4<sup>th</sup> and 5<sup>th</sup> lots (i.e., lots 1-3, 1-4, and 1-5). A rolling window of 5 lots will be used to conduct F & t comparison for the remainder of the contract (i.e., lots 2-6, then lots 3-7, etc.), reporting comparison results for each individual lot. Analysis will use a set alpha value of 0.025. If the F- and t-tests report comparable data, the QC and QV data sets are determined to be

statistically similar and QC data will be used to calculate the Va used in PWL and pay adjustment calculations. If the F- and t-tests result in non-comparable data, proceed to the *dispute resolution* steps found below. Note: if both QC and QV Va PWL result in a pay adjustment of 102% or greater, dispute resolution testing will not be conducted. Dispute resolution via further investigation is as follows:

<sup>[1]</sup> The Retained portion of the split from the lot in the analysis window with a QV test result furthest from the QV mean (not necessarily the subplot identifying that variances or means do not compare) will be referee tested by the bureau's AASHTO accredited laboratory and certified personnel. All previous lots within the analysis window are subject to referee testing and regional lab testing as deemed necessary. Referee test results will replace the QV data of the subplot(s).

<sup>[2]</sup> Statistical analysis will be conducted with referee test results replacing QV results.

- i. If the F- and t-tests indicate variances and means compare, no further testing is required for the lot and QC data will be used for PWL and pay factor/adjustment calculations.
- ii. If the F- and t-tests indicate non-comparable variances or means, the Retained portion of the random QC sample will be tested by the department's regional lab for the remaining 4 sublots of the lot which the F- and t- tests indicate non-comparable datasets. The department's regional lab and the referee test results will be used for PWL and pay factor/adjustment calculations. Upon the second instance of non-comparable variance or means and for every instance thereafter, the department will assess a pay reduction for the additional testing of the remaining 4 sublots at \$2,000/lot under the HMA Regional Lab Testing administrative item.

<sup>[3]</sup> The contractor may choose to dispute the regional test results on a lot basis. In this event, the retained portion of each subplot will be referee tested by the department's AASHTO accredited laboratory and certified personnel. The referee Gmm and Gmb test results will supersede the regional lab results for the disputed lot.

- i. If referee testing results in an increased calculated pay factor, the department will pay for the cost of the additional referee testing.
- ii. If referee testing of a disputed lot results in an equal or lower calculated pay factor, the department will assess a pay reduction for the additional referee testing at \$2,000/lot under the Referee Testing administrative item.

<sup>(3)</sup> The department will notify the contractor of the referee test results within 3 working days after receipt of the samples by the department's AASHTO accredited laboratory. The intent is to provide referee test results within 7 calendar days from completion of the lot.

<sup>(4)</sup> The department will determine mixture conformance and acceptability by analyzing referee test results, reviewing mixture data, and inspecting the completed pavement according to the standard spec, this special provision, and accompanying Appendix A.

<sup>(5)</sup> Unacceptable material (i.e., resulting in a PWL value less than 50 or individual QC or QV test results not meeting the Acceptance Requirements of 460.2.8.2.1.7 as modified herein) will be referee tested by the bureau's AASHTO accredited laboratory and certified personnel and those test results used for analysis. Such material may be subject to remove and replace, at the discretion of the engineer. If the engineer allows the material to remain in place, it will be paid at 50% of the HMA Pavement contract unit price. Replacement or pay adjustment will be conducted on a subplot basis. If an entire PWL subplot is removed and replaced, the test results of the newly placed material will replace the original data for the subplot. Any remove and replace shall be performed at no additional cost to the department. Testing of replaced material must include a minimum of one QV result. [Note: If the removed and replaced material does not result in replacement of original QV data, an additional QV test will be conducted and under such circumstances will be entered into the HMA PWL Production spreadsheet for data analysis and pay determination.] The quantity of material paid at 50% the contract unit price will be deducted from PWL pay adjustments, along with accompanying data of this material.

*Delete standard spec 460.2.8.3.1.8 Corrective Action.*

## C Construction

*Replace standard spec 460.3.3.2 Pavement Density Determination with the following:*

### **460.3.3.2 Pavement Density Determination**

- (1) The engineer will determine the target maximum density using department procedures described in CMM 8-15. The engineer will determine density as soon as practicable after compaction and before placement of subsequent layers or before opening to traffic.
- (2) Do not re-roll compacted mixtures with deficient density test results. Do not operate continuously below the specified minimum density. Stop production, identify the source of the problem, and make corrections to produce work meeting the specification requirements.
- (3) A lot is defined as 7500 lane feet with sublots of 1500 lane feet (excluding shoulder, even if paved integrally) and placed within a single layer for each location and target maximum density category indicated in table 460-3. The contractor is required to complete three tests randomly per subplot and the department will randomly conduct one QV test per subplot. A partial quantity less than 750 lane feet will be included with the previous subplot. Partial lots with less than three sublots will be included in the previous lot for data analysis/acceptance and pay, by the engineer. If density lots/sublots are determined prior to construction of the test strip, any random locations within the test strip shall be omitted. Exclusions such as shoulders and appurtenances shall be tested and recorded in accordance with CMM 8-15. However, all acceptance testing of shoulders and appurtenances will be conducted by the department, and average lot (daily) densities must conform to standard spec Table 460-3. No density incentive or disincentive will be applied to shoulders or appurtenances. Offsets will not be applied to nuclear density gauge readings for shoulders or appurtenances. Unacceptable shoulder material will be handled according to standard spec 460.3.3.1 and CMM 8-15.11.
- (4) The three QC locations per subplot represent the outside, middle, and inside of the paving lane. The QC density testing procedures are detailed in Appendix A.
- (5) QV nuclear testing will consist of one randomly selected location per subplot. The QV density testing procedures will be the same as the QC procedure at each testing location and are also detailed in Appendix A.
- (6) An HTCP-certified nuclear density technician (NUCDENSITYTEC-I) shall identify random locations and perform the testing for both the contractor and department. The responsible certified technician shall ensure that sample location and testing is performed correctly, analyze test results, and provide density results to the contractor weekly, or at the completion of each lot.
- (7) For any additional tests outside the random number testing conducted for density, the data collected will not be entered into PWL calculations. However, additional QV testing must meet the tolerances for material conformance as specified in the standard specification and this special provision. If additional density data identifies unacceptable material, proceed as specified in CMM 8-15.11.

*Replace standard spec 460.3.3.3 Waiving Density Testing with Acceptance of Density Data with the following:*

### **460.3.3.3 Analysis of Density Data**

- (1) Analysis of test data for pay determination will be contingent upon test results from both the contractor (QC) and the department (QV).
- (2) As random density locations are paved, the data will be recorded in the HMA PWL Production Spreadsheet for analysis in chronological order. The engineer, upon completion of the analysis lot, will compare the variances (F-test) and the means (t-test) of the QV test results with the QC test results. Analysis will use a set alpha value of 0.025.
  - i. If the F- and t-tests indicate variances and means compare, the QC and QV data sets are determined to be statistically similar and QC data will be used for PWL and pay adjustment calculations.
  - ii. If the F- and t-tests indicate variances or means do not compare, the QV data will be used for subsequent calculations.
- (3) The department will determine mixture density conformance and acceptability by analyzing test results, reviewing mixture data, and inspecting the completed pavement according to standard spec, this special provision, and accompanying Appendix A.

(4) Density resulting in a PWL value less than 50 or not meeting the requirements of 460.3.3.1 (any individual density test result falling more than 3.0 percent below the minimum required target maximum density as specified in standard spec Table 460-3) is unacceptable and may be subject to remove and replace at no additional cost to the department, at the discretion of the engineer.

- i. Replacement may be conducted on a subplot basis. If an entire PWL subplot is removed and replaced, the test results of the newly placed material will replace the original data for the subplot.
- ii. Testing of replaced material must include a minimum of one QV result. [Note: If the removed and replaced material does not result in replacement of original QV data, an additional QV test must be conducted and under such circumstances will be entered into the data analysis and pay determination.]
- iii. If the engineer allows such material to remain in place, it will be paid for at 50% of the HMA Pavement contract unit price. The extent of unacceptable material will be addressed as specified in CMM 8-15.11. The quantity of material paid at 50% the contract unit price will be deducted from PWL pay adjustments, along with accompanying data of this material.

**D Measurement**

The department will measure the HMA Pavement bid items acceptably completed by the ton as specified in standard spec 450.4 and as follows in standard spec 460.5 as modified in this special provision.

**E Payment**

*Replace standard spec 460.5.2 HMA Pavement with the following:*

**460.5.2 HMA Pavement**

**460.5.2.1 General**

(1) Payment for HMA Pavement Type LT, MT, and HT mixes is full compensation for providing HMA mixture designs; for preparing foundation; for furnishing, preparing, hauling, mixing, placing, and compacting mixture; for HMA PWL QMP testing and aggregate source testing; for warm mix asphalt additives or processes; for stabilizer, hydrated lime and liquid antistripping agent, if required; and for all materials including asphaltic materials.

(2) If provided for in the plan quantities, the department will pay for a leveling layer, placed to correct irregularities in an existing paved surface before overlaying, under the pertinent paving bid item. Absent a plan quantity, the department will pay for a leveling layer as extra work.

**460.5.2.2 Calculation of Pay Adjustment for HMA Pavement using PWL**

(1) Pay adjustments will be calculated using 65 dollars per ton of HMA pavement. The HMA PWL Production Spreadsheet, including data, will be made available to the contractor by the department as soon as practicable upon completion of each lot. The department will pay for measured quantities of mix based on this price multiplied by the following pay adjustment calculated in accordance with the HMA PWL Production Spreadsheet:

**PAY FACTOR FOR HMA PAVEMENT AIR VOIDS & DENSITY**

<i>PERCENT WITHIN LIMITS</i>	<i>PAYMENT FACTOR, PF</i>
<i>(PWL)</i>	<i>(percent of \$65/ton)</i>
≥ 90 to 100	$PF = ((PWL - 90) * 0.4) + 100$
≥ 50 to < 90	$(PWL * 0.5) + 55$
<50	50% <sup>[1]</sup>

where PF is calculated per air voids and density, denoted PF<sub>air voids</sub> & PF<sub>density</sub>

<sup>[1]</sup> Any material resulting in PWL value less than 50 shall be removed and replaced unless the engineer allows such material to remain in place. In the event the material remains in place, it will be paid at 50% of the contract unit price of HMA pavement.

For air voids, PWL values will be calculated using lower and upper specification limits of 2.0 and 4.3 percent, respectively. Lower specification limits for density shall be in accordance with standard spec

Table 460-3. Pay adjustment will be determined on a lot basis and will be computed as shown in the following equation.

$$\text{Pay Adjustment} = (\text{PF}-100)/100 \times (\text{WP}) \times (\text{tonnage}) \times (\$65/\text{ton})^*$$

\*Note: If Pay Factor <50, the contract unit price will be used in lieu of \$65/ton

The following weighted percentage (WP) values will be used for the corresponding parameter:

<u>Parameter</u>	<u>WP</u>
Air Voids	0.5
Density	0.5

Individual Pay Factors for each air voids (PF<sub>air voids</sub>) and density (PF<sub>density</sub>) will be determined. PF<sub>air voids</sub> will be multiplied by the total tonnage placed (i.e., from truck tickets), and PF<sub>density</sub> will be multiplied by the calculated tonnage used to pave the mainline only (i.e., travel lane excluding shoulder) as determined in accordance with Appendix A.

The department will pay incentive for air voids and density under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
460.2005	Incentive Density PWL HMA Pavement	DOL
460.2010	Incentive Air Voids HMA Pavement	DOL

The department will administer disincentives under the Disincentive Density HMA Pavement and the Disincentive Air Voids HMA Pavement administrative items.

The department will administer a disincentive under the Disincentive HMA Binder Content administrative item for each individual QV test result indicating asphalt binder content below the Action Limit in 460.2.8.2.1.7 presented herein. The department will adjust pay per subplot of mix at 65 dollars per ton of HMA pavement multiplied by the following pay adjustment calculated according to the HMA PWL Production Spreadsheet:

<u>AC Binder Relative to JMF</u>	<u>Pay Adjustment / Sublot</u>
-0.4% to -0.5%	75%
More than -0.5%	50% <sup>[1]</sup>

<sup>[1]</sup> Any material resulting in an asphalt binder content more than 0.5% below the JMF AC content shall be removed and replaced unless the engineer allows such material to remain in place. In the event the material remains in place, it will be paid at 50% of the contract unit price of HMA pavement. Such material will be referee tested by the department's AASHTO accredited laboratory and HTCP certified personnel using automated extraction according to ASTM D8159 as modified in CMM 8-36.6.3.1.

Note: PWL value determination is further detailed in the *Calculations* worksheet of the HMA PWL Production spreadsheet.

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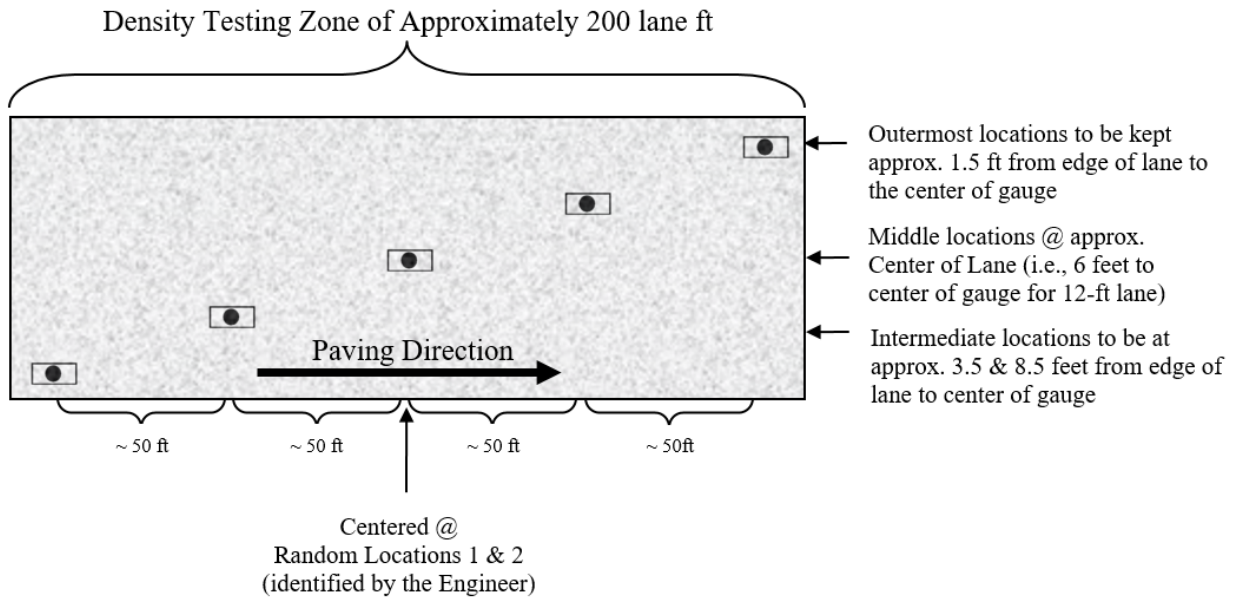
## 21. Appendix A

### Test Methods & Sampling for HMA PWL QMP Projects.

The following procedures are included with the HMA Pavement Percent Within Limits (PWL) Quality Management Program (QMP) special provision:

- WisDOT Procedure for Nuclear Gauge/Core Correlation – Test Strip
- WisDOT Test Method for HMA PWL QMP Density Measurements for Main Production
- Sampling for WisDOT HMA PWL QMP
- Calculation of PWL Mainline Tonnage Example

### WisDOT Procedure for Nuclear Gauge/Core Correlation – Test Strip




**Figure 1: Nuclear/Core Correlation Location Layout**

The engineer will identify two zones in which gauge/core correlation is to be performed. These two zones will be randomly selected within each *half* of the test strip length. (Note: Density zones shall not overlap and must have a minimum of 100 feet between the two zones; therefore, random numbers may be shifted (evenly) in order to meet these criteria.) Each zone shall consist of five locations across the mat as identified in Figure 1. The following shall be determined at each of the five locations within both zones:

- two one-minute nuclear density gauge readings for QC team\*
- two one-minute nuclear density gauge readings for QV team\*
- pavement core sample

\*If the two readings exceed 1.0 pcf of one another, a third reading is conducted in the same orientation as the first reading. In this event, all three readings are averaged, the individual test reading of the three which falls farthest from the average value is discarded, and the average of the remaining two values is used to represent the location for the gauge.

The zones are supposed to be undisclosed to the contractor/roller operators. The engineer will not lay out density/core test sites until rolling is completed and the cold/finish roller is beyond the entirety of the zone. Sites are staggered across the 12-foot travel lane, and do not include shoulders. The outermost locations should be 1.5-feet from the center of the gauge to the edge of lane. [NOTE: This staggered layout is only applicable to the test strip. All mainline density locations after test strip should have a longitudinal- as well as transverse-random number to determine location as detailed in the *WisDOT Test Method for HMA PWL QMP Density Measurements for Main Production* section of this document.]

Individual locations are represented by the  symbol as seen in Figure 1 above. The symbol is two-part, comprised of the nuclear test locations and the location for coring the pavement, as distinguished here:



The nuclear site is the same for QC and QV readings for the test strip, i.e., the QC and QV teams are to take nuclear density gauge readings in the same footprint. Each of the QC and QV teams are to take a minimum of two one-minute readings per nuclear site, with the gauge rotated 180 degrees between readings, as seen here:



**Figure 2: Nuclear gauge orientation for (a) 1<sup>st</sup> one-minute reading and (b) 2<sup>nd</sup> one-minute reading**

Photos should be taken of each of the 10 core/gauge locations of the test strip. This should include gauge readings (pcf) and a labelled core within the gauge footprint. If a third reading is needed, all three readings should be recorded and documented. Only raw readings in pcf should be written on the pavement during the test strip, with a corresponding gauge ID/SN (generalized as QC-1 through QV-2 in the following Figure) in the following format:



**Figure 3: Layout of raw gauge readings as recorded on pavement**

Each core will then be taken from the center of the gauge footprint and will be used to correlate each gauge with laboratory-measured bulk specific gravities of the pavement cores. One core in good condition must be obtained from each of the 10 locations. If a core is damaged at the time of extracting from the pavement, a replacement core should be taken immediately adjacent to the damaged core, i.e., from the same footprint. If a core is damaged during transport, it should be recorded as damaged and excluded from the correlation. Coring after traffic is on the pavement should be avoided. The contractor is responsible for coring of the pavement. Coring and filling of core holes must be approved by the engineer. The QV team is responsible for the labeling and safe transport of the cores from the field to the QC laboratory. Core density testing will be conducted by the contractor and witnessed by department personnel. The contractor is responsible for drying the cores following testing. The department will take possession of cores following initial testing and is responsible for any verification testing.

Each core 150 mm (6 inches) in diameter will be taken at locations as identified in Figure 1. Each random core will be full thickness of the layer being placed. The contractor is responsible for thoroughly drying cores obtained from the mat according to ASTM D 7227 prior to using specimens for in-place density determination according to AASHTO T 166 as modified by CMM 8-36.6.5.

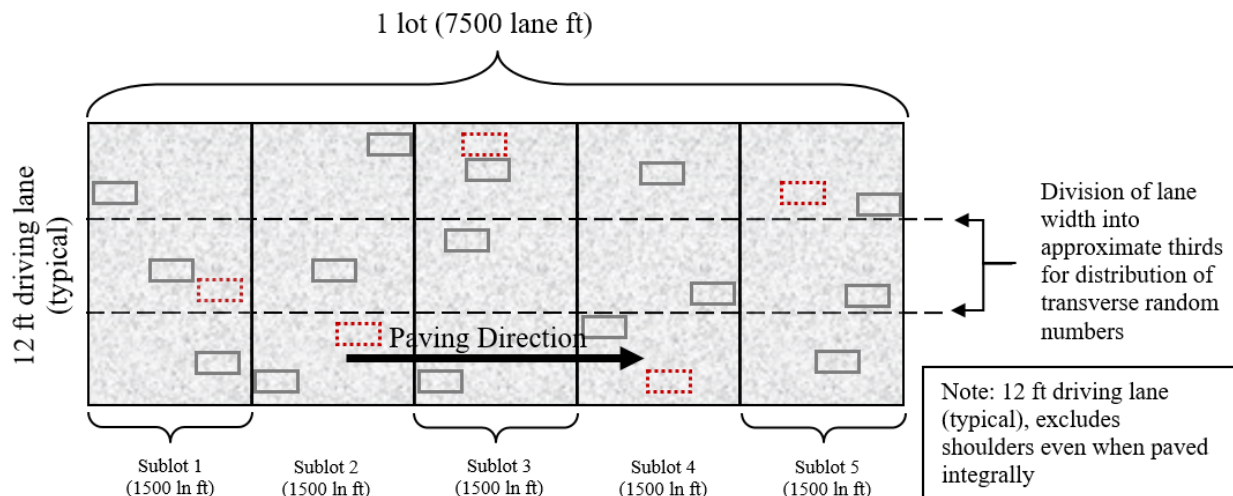
Cores must be taken before the pavement is open to traffic. Cores are cut under department/project staff observation. Relabel each core immediately after extruding or ensure that labels applied to pavement prior to cutting remain legible. The layer interface should also be marked immediately following extrusion. Cores should be cut at this interface, using a wet saw, to allow for density measurement of only the most recently placed layer. Cores should be protected from excessive temperatures such as direct sunlight. Also, there should be department custody (both in transport and storage) for the cores until they are tested, whether that be immediately after the test strip or subsequent day if agreed upon between department and contractor. Use of concrete cylinder molds works well to transport cores. Cores should be placed upside down (flat surface to bottom of cylinder mold) in the molds, one core per mold, cylinder molds stored upright, and ideally transported in a cooler. Avoid any stacking of pavement cores.

Fill all core holes with non-shrink rapid-hardening grout, mortar, or concrete, or with HMA. When using grout, mortar, or concrete, remove all water from the core holes prior to filling. Mix the mortar or concrete in a separate container prior to placement in the hole. If HMA is used, fill all core holes with hot-mix matching the same day's production mix type at same day compaction temperature +/- 20 F. The core holes shall be dry and coated with tack before filling, filled with a top layer no thicker than 2.25 inches,

lower layers not to exceed 4 inches, and compacted with a Marshall hammer or similar tamping device using approximately 50 blows per layer. The finished surface shall be flush with the pavement surface. Any deviation in the surface of the filled core holes greater than 1/4 inch at the time of final inspection will require removal of the fill material to the depth of the layer thickness and replacement.

### **WisDOT Test Method for HMA PWL QMP Density Measurements for Main Production**

For nuclear density testing of the pavement beyond the test strip, QC tests will be completed at three locations per subplot, with a subplot defined as 1500 lane feet. The three locations will represent the outside, middle, and inside of the paving lane (i.e., the lane width will be divided into thirds as shown by the dashed longitudinal lines in Figure 3 and random numbers will be used to identify the specific transverse location within each third according to CMM 8-15). Longitudinal locations within each subplot shall be determined with 3 independent random numbers. The PWL Density measurements do not include the shoulder and other appurtenances. Such areas are tested by the department and are not eligible for density incentive or disincentive. Each location will be measured with two one-minute gauge readings oriented 180 degrees from one another, in the same footprint as detailed in Figure 2 above. Each location requires a minimum of two readings per gauge. The density gauge orientation for the first test will be with the source rod towards the direction of paving. QV nuclear testing will consist of one randomly selected location per subplot. The QV is also comprised of two one-minute readings oriented 180 degrees from one another. For both QC and QV test locations, if the two readings exceed 1.0 pcf of one another, a third reading is conducted in the same orientation as the first reading. In this event, all three readings are averaged, the individual test reading of the three which falls farthest from the average value is discarded, and the average of the remaining two values is used to represent the location for the gauge. The subplot density testing layout is depicted in Figure 4, with QC test locations shown as solid lines and QV as dashed.



**Figure 4: Locations of main lane HMA density testing (QC=solid lines, QV=dashed)**

QC and QV nuclear density gauge readings will be statistically analyzed according to Section 460.3.3.3 of the HMA PWL QMP SPV. (Note: For density data, if F- and t-tests compare, QC data will be used for the subsequent calculations of PWL value and pay determination. However, if an F- or t-test does not compare, the QV data will be used in subsequent calculations.)

Perform footprint testing as soon as both the QC and QV nuclear density technician are onsite and a minimum of once per day to ensure the gauges are not drifting apart during a project. Footprint testing compares the density readings of two gauges at the same testing location and can be done at any randomly selected location on the project. Each gauge conducts 2 to 3 1-minute tests according to CMM 8-15 and the final results from each gauge are compared for the location. If the difference between the QC and QV gauges exceeds 1.0 pcf (0.7 percent) investigate the cause, check gauge moisture and density standards and perform a second footprint test. If the cause of the difference between gauge readings cannot be identified, the regional HMA Coordinator will use their gauge to investigate the situation with the QC and QV personnel, with the consultation of the RSO, to determine necessary actions. Both teams are encouraged to conduct footprint testing as often as they feel necessary.



## **Sampling for WisDOT HMA PWL QMP Production**

Sampling of HMA mix for QC, QV and Retained samples shall conform to CMM 8-36 except as modified here.

*Delete CMM 8-36.4 Sampling Hot Mix Asphalt and replace with the following to update subplot tonnages:*

### **Sampling Hot Mix Asphalt**

At the beginning of the contract, the contractor determines the anticipated tonnage to be produced. The frequency of sampling is 1 per 750 tons (subplot) for QC and Retained Samples and 1 per 3750 tons (lot or 5 sublots) for QV as defined by the HMA PWL QMP SPV. A test sample is obtained randomly from each subplot. Each random sample shall be collected at the plant according to CMM 8-36.4.1 and 8-36.4.2. The contractor must submit the random numbers for all mix sampling to the department before production begins.

#### *Example 1*

Expected production for a contract is 12,400 tons. The number of required samples is determined based on this expected production (per HMA PWL QMP SPV) and is determined by the random sample calculation.

Sample 1 – from 50 to 750 tons  
Sample 2 – from 751 to 1500 tons  
Sample 3 – from 1501 to 2250 tons  
Sample 4 – from 2251 to 3000 tons  
Sample X – .....  
Sample 16 – from 11,251 to 12,000 tons  
Sample 17 – from 12,001 to 12,400 tons

The approximate location of each sample within the prescribed sublots is determined by selecting random numbers using ASTM Method D-3665 or by using a calculator or computerized spreadsheet that has a random number generator. The random numbers selected are used in determining when a sample is to be taken and will be multiplied by the subplot tonnage. This number will then be added to the final tonnage of the previous subplot to yield the approximate cumulative tonnage of when each sample is to be taken.

To allow for plant start-up variability, the procedure calls for the first random sample to be taken at 50 tons or greater per production day (not intended to be taken in the first two truckloads). Random samples calculated for 0-50 ton should be taken in the next truck (51-75 ton).

This procedure is to be used for any number of samples per contract.

If the production is less than the final randomly generated sample tonnage, then the random sample is to be collected from the remaining portion of that subplot of production. If the randomly generated sample is calculated to be within the first 0-50 tons of the subsequent day of production, it should be taken in the next truck. Add a random sample for any fraction of 750 tons at the end of the contract. Lot size will consist of 3750 tons with sublots of 750 tons. Partial lots with less than three subplot tests will be included into the previous lot, by the engineer.

It's intended that the plant operator not be advised ahead of time when samples are to be taken.

If belt samples are used during troubleshooting, the blended aggregate will be obtained when the mixture production tonnage reaches approximately the sample tonnage. For plants with storage silos, this could be up to 60 minutes in advance of the mixture sample that's taken when the required tonnage is shipped from the plant.

QC, QV, and retained samples shall be collected for all test strip and production mixture testing using a three-part splitting procedure according to CMM 8-36.5.2.

## **Calculation of PWL Mainline Tonnage Example**

A mill and overlay project is being constructed with a 12-foot travel lane and an integrally paved 3-foot shoulder. The layer thickness is 2 inches for the full width of paving. Calculate the tonnage in each subplot eligible for density incentive or disincentive.

**Solution:**

$$\frac{1500 \text{ ft} \times 12 \text{ ft}}{9 \text{ sf/sy}} \times \frac{2 \text{ in} \times 112 \text{ lb/sy/in}}{2000 \text{ lb/ton}} = 224 \text{ tons}$$

stp-460-055 (20191121)

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

### **A Description**

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

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

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

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

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

### **B Materials**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- (3) Compute unacceptable pavement area using the product of the longitudinal limits of the unacceptable density and the full subplot width within the traffic lanes or shoulders.
- (4) Retesting and acceptance of replaced pavement will be as specified in standard spec 105.3.
- (5) Tests indicating density more than 3.0 percent below the specified minimum, and further tests taken to determine the limits of unacceptable area, are excluded from the computations of the subplot and lot densities.
- (6) If 2 consecutive subplot averages within the same paving pass and same target density are more than one percent below the specified target density, notify the engineer and take necessary corrective action. Document the locations of such sublots and the corrective action that was taken.

## **B.5 Department Testing**

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

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

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

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

## **B.6 Dispute Resolution**

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

## **B.7 Acceptance**

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

## **C (Vacant)**

**D (Vacant)**

**E Payment**

**E.1 QMP Testing**

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

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

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

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

- (1) The department will administer density incentives as specified in standard spec 460.5.2.3.  
stp-460-020 (20181119)

**23. HMA Pavement Longitudinal Joint Density.**

**A Description**

This special provision incorporates longitudinal joint density requirements into the contract and describes the data collection, acceptance, and procedure used for determination of pay adjustments for HMA pavement longitudinal joint density. Pay adjustments will be made on a linear foot basis, as applicable per pavement layer and paving lane. Applicable longitudinal joints are defined as those between any two or more traffic lanes including full-width passing lanes, turn lanes, or auxiliary lanes more than 1,500 lane feet, and those lanes must also include the 460.2005 Incentive Density PWL HMA Pavement bid item. This excludes any joint with one side defined as a shoulder and ramp lanes of any length. If echelon paving is required in the contract, the longitudinal joint density specification shall not apply for those joints. Longitudinal joints placed during a test strip will be tested for information only to help ensure the roller pattern will provide adequate longitudinal joint density during production. Longitudinal joint density test results collected during a test strip are not eligible for pay adjustment.

Pay is determined according to standard spec 460, HMA Pavement Percent Within Limits QMP special provisions, and as modified within.

**B Materials**

Compact all applicable HMA longitudinal joints to the appropriate density based on the layer, confinement, and mixture type shown in Table B-1.

**TABLE B-1 MINIMUM REQUIRED LONGITUDINAL JOINT DENSITY**

Layer	Percent of Target Maximum Density			
	Unconfined		Confined	
	LT and MT	HT	LT and MT	HT
Lower (on crushed/recycled base)	88	89	89.5	90.5
Lower (on Concrete/HMA)	90	90	91.5	91.5
Upper	90	90	91.5	91.5

## C Construction

Add the following to standard spec 460.3.3.2:

- (5) Establish companion density locations at each applicable joint. Each companion location shares longitudinal stationing with a QC or QV density location within each subplot and is located transversely with the center of the gauge 6-inches from the final joint edge of the paving area. Sublot and lot numbering remains the same as mainline densities, however, in addition to conventional naming, joint identification must clearly indicate "M" for inside/median side of lane or "O" for outside shoulder side of lane, as well as "U" for an unconfined joint or "C" for a confined joint (e.g., XXXXX-MC or XXXXX-OU).
- (6) Each joint will be measured, reported, and accepted under methods, testing times, and procedures consistent with the program employed for mainline density, i.e., PWL.
- (7) For single nuclear density test results greater than 3.0% below specified minimums per Table B-1 herein, perform the following:
  - a) Testing at 50-foot increments both ahead and behind the unacceptable site
  - b) Continued 50-foot incremental testing until test values indicate higher than or equal to -3.0 percent from target joint density.
  - c) Materials within the incremental testing indicating lower than -3.0 percent from target joint density are defined as unacceptable and will be handled with remedial action as defined in the payment section of this document.
  - d) The remaining subplot average (exclusive of unacceptable material) will be determined by the first forward and backward 50-foot incremental tests that reach the criteria of higher than or equal to -3.0 percent from target joint density.

Note: If the 50-foot testing extends into a previously accepted subplot, remedial action is required up to and inclusive of such material; however, the results of remedial action must not be used to recalculate the previously accepted subplot density. When this occurs, the lane feet of any unacceptable material will be deducted from the subplot in which it is located, and the previously accepted subplot density will be used to calculate pay for the remainder of the subplot.

- (8) Joint density measurements will be kept separate from all other density measurements and entered as an individual data set into Atwood Systems.
- (9) Placement and removal of excess material outside of the final joint edge, to increase joint density at the longitudinal joint nuclear testing location, will be done at the contractor's discretion and cost. This excess material and related labor will be considered waste and will not be paid for by the department. Joints with excess material placed outside of the final joint edge to increase joint density or where a notched wedge is used will be considered unconfined joints.
- (10) When not required by the contract, echelon paving may be performed at the contractor's discretion to increase longitudinal joint density and still remain eligible to earn incentive. The additional costs incurred related to echelon paving will not be paid for by the department. If lanes are paved in echelon, the contractor may choose to use a longitudinal vertical joint or notched wedge longitudinal joint as described in SDD 13c19. Lanes paved in echelon shall be considered confined on both sides of the joint regardless of the selected joint design. The joint between echelon paved lanes shall be placed at the centerline or along lane lines.
- (11) When performing inlay paving below the elevation of the adjacent lane, the longitudinal joint along the adjacent lane to be paved shall be considered unconfined. Inlay paving operations will limit payment for additional material to 2 inches wider than the final paving lane width at the centerline.

## D Measurement

- (1) The department will measure each side of applicable longitudinal joints, as defined in Section A of this special provision, by the linear foot of pavement acceptably placed. Measurement will be conducted independently for the inside or median side and for the outside or shoulder side of paving lanes with two applicable longitudinal joints. Each paving layer will be measured independently at the time the mat is placed.

## E Payment

Add the following as 460.5.2.4 Pay Adjustment for HMA Pavement Longitudinal Joint Density:

- (1) The department will administer longitudinal joint density adjustments under the Incentive Density HMA Pavement Longitudinal Joints and Disincentive Density HMA Pavement Longitudinal Joints items. The department will adjust pay based on density relative to the specified targets in Section B of this special provision, and linear foot of the HMA Pavement bid item for that subplot as follows:

<b>PAY ADJUSTMENT FOR HMA PAVEMENT LONGITUDINAL JOINT DENSITY</b>	
<b>PERCENT SUBLOT DENSITY ABOVE/BELOW SPECIFIED MINIMUM</b>	<b>PAY ADJUSTMENT PER LINEAR FOOT</b>
Equal to or greater than +1.0 confined, +2.0 unconfined	\$0.40
From 0.0 to +0.9 confined, 0.0 to +1.9 unconfined	\$0
From -0.1 to -1.0	\$(0.20)
From -1.1 to -2.0	\$(0.40)
From -2.1 to -3.0	\$(0.80)
More than -3.0	<i>REMEDIAL ACTION<sup>[1]</sup></i>

<sup>[1]</sup> Remedial action must be approved by the engineer and agreed upon at the time of the pre-pave meeting and may include partial sublots as determined and defined in 460.3.3.2(7) of this document. If unacceptable material is removed and replaced per guidance by the engineer, the removal and replacement will be for the full lane width of the side of which the joint was constructed with unacceptable material.

- (2) The department will not assess joint density disincentives for pavement placed in cold weather because of a department-caused delay as specified in [standard spec 450.5.2\(3\)](#).
- (3) The department will not pay incentive on the longitudinal joint density if the traffic lane is in disincentive. A disincentive may be applied for each mainline lane and all joint densities if both qualify for a pay reduction.

The department will pay incentive for longitudinal joint density under the following bid items:

ITEM NUMBER	DESCRIPTION	UNIT
460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL

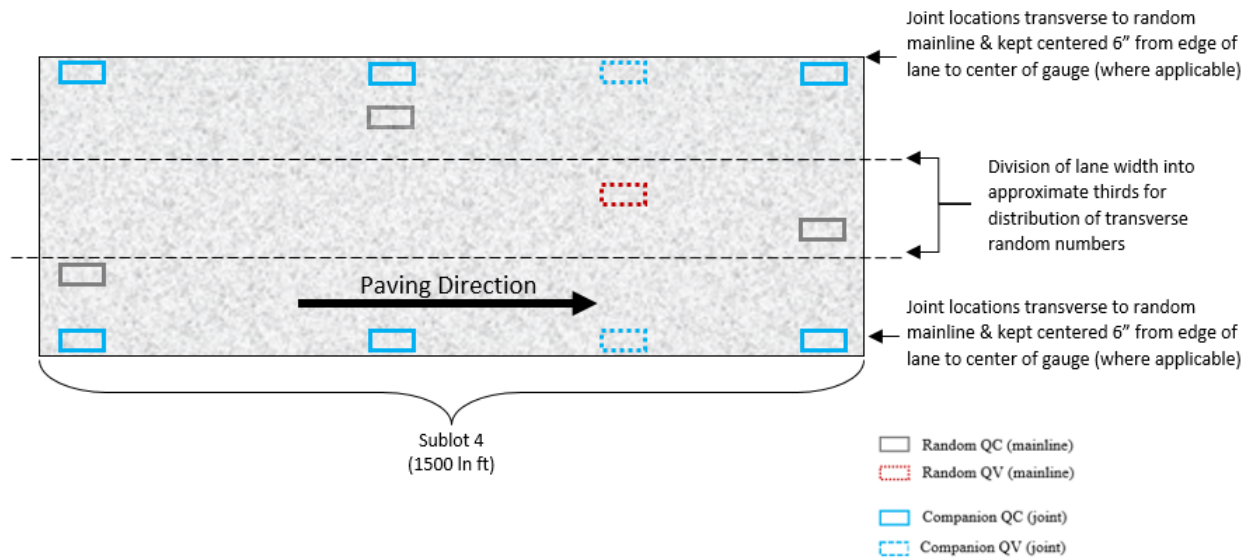
The department will administer disincentives under the Disincentive Density HMA Pavement Longitudinal Joints administrative item.

## Appendix

### **WisDOT Longitudinal Joint – Nuclear Gauge Density Layout**

Each QC and QV density location must have a companion density location at any applicable joint. This companion location must share longitudinal stationing with each QC or QV density location and be located transversely with the center of the gauge 6-inches from the edge of the paving area.

For HMA Pavement Percent Within Limits QMP projects, this appears as follows:



**Further Explanation of PAY ADJUSTMENT FOR HMA PAVEMENT LONGITUDINAL JOINT DENSITY Table**

	Confined				Pay Adjust
	Lower Layer (On Base)		Upper Layer		
	LT/MT	HT	LT/MT	HT	
Mainline Target (SS 460-3)	91.0	92.0	93.0	93.0	-
Confined Target (mainline - 1.5)	89.5	90.5	91.5	91.5	-
Equal to or greater than +1.0	≥ 90.5	≥ 91.5	≥ 92.5	≥ 92.5	\$0.40
From 0.0 to +0.9	90.4 - 89.5	91.4 - 90.5	92.4 - 91.5	92.4 - 91.5	\$0
From -0.1 to -1.0	89.4 - 88.5	90.4 - 89.5	91.4 - 90.5	91.4 - 90.5	(\$0.20)
From -1.1 to -2.0	88.4 - 87.5	89.4 - 88.5	90.4 - 89.5	90.4 - 89.5	(\$0.40)
From -2.1 to -3.0	87.4 - 86.5	88.4 - 87.5	89.4 - 88.5	89.4 - 88.5	(\$0.80)
More than -3.0	< 86.5	< 87.5	< 88.5	< 88.5	REMEDIAL ACTION

	Unconfined				Pay Adjust
	Lower Layer (On Base)		Upper Layer		
	LT/MT	HT	LT/MT	HT	
Mainline Target (SS 460-3)	91.0	92.0	93.0	93.0	-
Unconfined Target (Mainline -3.0)	88.0	89.0	90.0	90.0	-
Equal to or greater than +2.0	≥ 90.0	≥ 91.0	≥ 92.0	≥ 92.0	\$0.40
From 0.0 to +1.9	89.9 - 88.0	90.9 - 89.0	91.9 - 90.0	91.9 - 90.0	\$0
From -0.1 to -1.0	87.9 - 87.0	88.9 - 88.0	89.9 - 89.0	89.9 - 89.0	(\$0.20)
From -1.1 to -2.0	86.9 - 86.0	87.9 - 87.0	88.9 - 88.0	88.9 - 88.0	(\$0.40)
From -2.1 to -3.0	85.9 - 85.0	86.9 - 86.0	87.9 - 87.0	87.9 - 87.0	(\$0.80)
More than -3.0	< 85.0	< 86.0	< 87.0	< 87.0	REMEDIAL ACTION



**24. 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.  
611-006 (20151210)

**25. Survey Monument Coordination.**

The contractor is to notify the Northeast Regional Survey Coordinator, Cormac McInnis, (920) 492-5638, at least 30 days before the beginning of construction activities. The Regional Survey Coordinator will then make the arrangements to have the Public Land Survey Monument and Landmark Reference Monuments tied out.

After the majority of construction is complete (before restoration) the contractor is again to notify the Survey Coordinator that the site is ready for the replacement of the monuments. The Survey Coordinator will then make arrangements to have the Public Land Survey Monument and Landmark Reference Monuments reset.

ner-621-010 (20171213)

**26. Field Office.**

*Add the following to standard spec 642:*

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

stp-642-010 (20200629)

**27. Traffic Control.**

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

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

Provide 24 hours-a-day availability of equipment and forces to expeditiously restore lights, signs, or other traffic control devices that are damaged or disturbed. The cost to maintain and restore the above items shall be considered incidental to the item as bid and no additional payment will be made therefore.

Supply the name and telephone number of a local contact person for traffic control repair before starting work.

Have available at all times sufficient experienced personnel to promptly install, remove and reinstall the required traffic control devices to route traffic during the construction operations.

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

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

Cover existing signs which conflict with traffic control as the engineer directs.

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

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

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

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

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

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

ner-643-065 (20171213)

## **28. Pavement Marking and Centerline Rumble Strips, Type 2 Rumble Strip.**

Before installing Centerline Rumble Strips place centerline Temporary Marking Line (Epoxy) 4-Inch. Before installing Type 2 Rumble Strips place edgelines Temporary Marking Line (Epoxy) 4-Inch. Except where removed with the rumble application, do not remove the centerline/edgeline Temporary Marking Line (Epoxy) 4-Inch. After the Centerline Rumble Strips or Type 2 Rumble Strips have been installed, place permanent centerline/edgeline Marking Line (Epoxy) 4-Inch.

ner-646-001 (20180205)

## **29. Locating No-Passing Zones, Item 648.0100.**

For this project, the spotting sight distance in areas with a 55 mph posted speed limit is 0.21 miles (1108 feet).

648-005 (20060512)

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

### **Description**

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

## Optimized Aggregate Gradation

Replace standard spec 715.2.2 with the following:

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

- Proportions for each aggregate fraction conforming to table 1.
- Individual gradations for each aggregate fraction.
- Composite gradation of the combined aggregates including working ranges on each sieve 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 <sup>[1]</sup>	≤12
No. 16 <sup>[1]</sup>	≤12
No. 30 <sup>[1] [2]</sup>	4-20
No. 50 <sup>[2]</sup>	4-20
No. 100 <sup>[2]</sup>	≤10
No. 200 <sup>[2]</sup>	≤ 5.0

<sup>[1]</sup> Minimum of 15% retained on the sum of the #8, #16, and #30 sieves.

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

**TABLE 2 JMF WORKING RANGE**

SIEVE SIZES	WORKING RANGE <sup>[1]</sup> (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

<sup>[1]</sup> 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/cnslt-rsrcs/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/cnslt-rsrcs/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://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/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 (20200629)		

**31. Flexural Strength for Concrete Mix Design.**

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

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

TEST	TEST STANDARD
Flexural Strength of Concrete	AASHTO T97

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

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

stp-715-010 (20170615)

**32. Cleaning Storm Sewer, Item SPV.0060.01.**

**A Description**

This special provision describes providing cleaning storm sewer pipes and the drainage structures where shown on the plans and as directed by the engineer.

**B (Vacant)**

**C Construction**

Remove drainage structure cover, completely remove all solids removed from the sewer system and haul them off the project for disposal. Silts resulting from any flushing or jetting operation must be prevented from escaping into sewers or waterways. Inspect the drainage structure for repair work and reinstall cover.

**D Measurement**

The department will measure Cleaning Storm Sewer by each unit of acceptably completed work, measured structure to structure.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.01	Cleaning Storm Sewer	EACH

Payment is full compensation for furnishing all materials to clean out drainage pipes and connected structures including silt and solid retention; for removing and properly disposing materials; paying all associated fees for permits, licenses or disposal of materials; and for furnishing all labor, tools, equipment and incidentals necessary to complete this item of work. Storm sewer structure covers damaged by the contractor's operations shall be replaced by the contractor, with no expense to the department.

**33. Adjusting Water Valve Box, Item SPV.0060.03.**

**A Description**

This special provision describes adjusting water valve boxes to final pavement elevations the plans show.

**B Materials**

Utilize existing valve boxes where the required extent of adjustment allows. If additional sections are necessary, coordinate with the Village of Elkhart Lake or the City of Kiel and contact Pat Zorn, Elkhart Lake, at (920) 207-8002 or Kris August, City of Kiel, at (920) 894-2909 to obtain required materials.

**C Construction**

Before completion of paving operations, adjust the water valve boxes to match the final proposed grade. Excavate and expose the existing water main valve box to the depth needed to adjust the valve box to grade, add or remove extension(s) as needed, and backfill with base aggregate material conforming to the requirements for the adjacent roadway base course construction.

Complete adjustments in such a manner to avoid any damage to the water valve boxes. Provide the Village of Elkhart Lake and the City of Kiel two working days advance notice before adjusting the valve boxes to finished grade.

**D Measurement**

The department will measure Adjusting Water Valve Box as a unit of work for each valve box, acceptably adjusted.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.03	Adjusting Water Valve Box	EACH

Payment is full compensation for adjusting each valve box; excavating as necessary to access the valve box; backfilling; repairing any damage done to the valve box during adjustment; and for adding new sections if necessary.

ner-900-015 (20171213)

**34. Adjusting Manhole Covers with Pro-Rings, Item SPV.0060.04.**

**A Description**

This special provision describes providing and setting Pro-rings (rubber grade rings) for manhole covers, along with adjusting the castings to final grade. Conform to standard spec 611 and as follows.

**B Materials**

Furnish materials conforming to standard spec 611.2 and as follows:

Furnish Pro-Rings, rubber grade rings, from Cretex Specialty Products that have a flat and/or tapered configuration of a size that closely matches the inside and outside dimensions of circular or rectangular structures.

Joint sealant shall conform to Cretex Specialty Products recommendations. In lieu of a recommended sealant, a joint sealant, cold-applied, shall conform to ASTM-D-1850 Polyurethane Door, Window and Siding Sealant or PL Premium Polyurethane Concrete and Masonry Sealant or equivalent.

**C Construction**

Use construction methods conforming to standard spec 611.3 and as follows:

Install Pro-Rings individually or in combination not to exceed 4 inches in height and locate immediately below and against the casting. If more than 4 inches of adjustment is necessary, use one concrete ring, 4 inches or more in height, with at least one rubber ring on top of the concrete ring. Final casting placement shall conform to the finished crown of the road. Where a concrete ring with thickness 4 inches or more is needed, do not shim or mortar the concrete ring in order to meet the desired elevation and/or crown and slope of the proposed roadway. Taper the rubber grade rings to match the slope of the crown and profile of the road. Ensure that the concrete and metal surfaces to receive sealing compound are clean, dry and free of grease or oils. Bond the rubber grade rings to adjacent surfaces by laying a continuous bead 5/16-inch thick joint sealant on the top surface of the concrete or the bottom surface of the grade ring at a diameter 1-inch smaller than the outside diameter of the rubber grade ring. Where more than one grade ring are required, apply a continuous bead of sealant as above between each ring. Then apply sealant to the top surface of the grade ring and set the casting firmly in place taking care to properly center it over the structure opening and ensuring a firm contact between the casting and the grade ring.

When the total thickness of an added concrete ring is 6-inches or greater, tie the concrete ring to the structure using a minimum of two No. 4 rebars, spaced on opposite sides of the structure. Drill the hole for the bar to a depth of 6 inches into the top of the structure and to such a diameter as to provide a secure fit. The bar shall be of adequate length to secure the concrete ring to the structure without protruding out of the top concrete ring.

**D Measurement**

The department will measure Adjusting Manhole Covers with Pro-Rings as each individual manhole adjustment, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.04	Adjusting Manhole Covers with Pro-Rings	EACH

Payment is full compensation for furnishing materials and performing all work as described above.

**35. Concrete Curb and Gutter 2-Inch Sloped 18-Inch, Item SPV.0090.01.**

**A Description**

This special provision describes furnishing all materials and constructing a cast-in-place concrete curb and gutter section as shown on the plans, according to standard spec 601, and as hereinafter provided.

**B (Vacant)**

**C (Vacant)**

**D Measurement**

The department will measure Concrete Curb Gutter 2-inch Sloped 30-inch by the linear foot, acceptably completed according to standard spec 601.4.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.01	Concrete Curb Gutter 2-Inch Sloped 18-Inch	LF

Payment shall be according to standard spec 601.5.

**36. Concrete Curb and Gutter 6-Inch Sloped 18-Inch, Item SPV.0090.02.**

**A Description**

This special provision describes furnishing all materials and constructing a cast-in-place concrete curb and gutter section as shown on the plans, according to standard spec 601 and as hereinafter provided.

**B (Vacant)**

**C (Vacant)**

**D Measurement**

The department will measure Concrete Curb Gutter 2-inch Sloped 30-inch by the linear foot, acceptably completed according to standard spec 601.4.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.02	Concrete Curb Gutter 6-Inch Sloped 18-Inch	LF

Payment shall be according to standard spec 601.5.

**37. Base Aggregate Shoulder Repair, Item SPV.0090.03.**

**A Description**

This special provision describes work necessary to prepare the aggregate shoulder for treatment with emulsified asphalt mow strip.

**B (Vacant)**

**C Construction**

Salvage and use any available base aggregate material that has washed down the slope to repair ruts. If not enough existing material is available to complete the work, use additional new base aggregate material to make repairs. Use rakes or other hand methods to prevent damage to adjacent shoulders and slopes.

**D Measurement**

The department will measure Base Aggregate Shoulder Repair by the linear foot, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.03	Base Aggregate Shoulder Repair	LF

Payment is full compensation for work necessary to fill in ruts with base aggregate. If new aggregate material is required, it shall be paid under the appropriate contract bid items(s).



### 38. Cured in Place Point Repair, Item SPV.0090.04.

#### A Description

This special provision describes providing for the rehabilitation of pipes by installation of a resin-impregnated Fiberglass/carbon fiber patch into the existing pipe using an inflatable element and air/steam pressure. Curing shall be accomplished by either ambient curing or by steam to cure the resin/fiber glass/carbon fiber cloth to a hard, impermeable corrosion resistant pipe within a pipe.

#### B Materials

Furnish a tube fabricated from a resin-impregnated glass fiber/carbon fiber sheet to a size which, when installed, will closely approximate the internal circumference of the conduit specified. An allowance shall be made for changes in circumference of the conduit by free overlap during inflation of the tube. The material must meet the requirements of ASTM F-1216, *Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin Impregnated Tube*.

The minimum length shall be determined to effectively span the designated defective section, plus one foot at either end. The lengths shall be verified in the field before pulling the tube into the pipe.

The thickness of the pipe within a pipe shall be designed to conform to actual field conditions.

The cured repair material shall conform to the following structural standards, test method ASTM D790:

Flexural stress	50,000 psi
Flexural Modulus of Elasticity	1,500,000 psi

#### C Construction

Safety shall be in strict accordance with all applicable OSHA standards. Particular attention is drawn to those safety requirements involving entry into a confined space.

As required for acceptable completion of installation, the water flow maintenance around the sections of pipe designated for rehabilitation shall be carried out. The bypass shall be made by plugging the line at a point upstream of the pipe to be rehabilitated and pumping the flow to a downstream point of adjacent system. The pump and bypass lines shall be of adequate capacity and size to handle the flow specified in the job specifications. When necessary, any bypass pumping shall be arranged to prevent any backflow in the sewer system.

The process of installing a repair using the system involves the following steps:

- Inspect fault in conduit using closed circuit television (CCTV) and record detail. Estimate dimensions of fault and length of repair required. Wherever possible, flow through a conduit should be interrupted during inspection and cleaning.
- Clean conduit by whatever method is deemed suitable for the type of deposits/debris encountered and condition of the conduit. High pressure water jet cleaning is normally most effective.
- Reinspect conduit using CCTV
- Prepare epoxy resin and fiber glass and carbon fiber cloth using pre-measured kits. The pot life of the resin can be adjusted and supplied to suit the ambient temperature of the site. The resin can also be cured with steam.
- Mix resin and hardener and wet out cloth according to manufactures recommendations.
- Place the wetted cloth around the deflated packer and tie into place with plastic strips.
- Winch inflatable packer and repair material into conduit and accurately position.
- Inflate the packer, which breaks the ties, and forms the resin impregnated cloth to the inside of the pipe, excess resin being forced into cracks and open joints.
- If steam is used to accelerate cure, start injecting steam and monitor temperature and pressure. Cure for approximately one hour.
- When the resin has cured, the steam is turned off and cold water is injected into the packer to cool the pipe and repair sleeve. The repair be cooled to 60 F.
- When the repair has fully cooled, release inflation pressure and pump the water out of the inflatable packer or expel it using compressed air, or vacuum.
- Withdraw inflatable packer and inspect the finished repair using the CCTV.
- Remove all equipment from the conduit and restore flow through the pipe.

The finished pipe within a pipe repair shall be as smooth as commercially feasible, with a smooth transition from the host pipe to the repair pipe and either end. The repair shall overlap past the defect by at least one foot onto sound pipe at either end.

#### **D Measurement**

The department will measure Cured in Place Point Repair by the linear foot, acceptably completed.

#### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.03	Cured in Place Point Repair	LF

Payment is full compensation for tubing, bypass pumping, CCTV, cleaning conduit, and restoration of the work site.

### **39. Temporary Water Diversion C-59-115, Item SPV.0105.01.**

#### **A Description**

This special provision describes providing Temporary Water Diversion during all stages of the structure construction. Outline the method of Temporary Water Diversion in the Erosion Control Implementation Plan.

#### **B Materials**

Furnish, for approval prior to use, certifications for any materials used for Temporary Water Diversion as shown in the Erosion Control Implementation Plan (ECIP). Polyethylene sheeting shall conform to standard spec 628.2. Select crushed material shall conform to standard spec 312.

#### **C Construction**

##### **General**

Construct Temporary Water Diversion conforming to standard spec 204, 205, 207, 208, 312, 520, 625, 628, 629, 630, and any other pertinent sections. Maintain channel flow at all times and minimize erosion into the existing stream using appropriate erosion control measures. Inspect Temporary Water Diversion daily to ensure bypass is functioning adequately and not creating any erosion. The 2-year recurrence interval stream discharge is as follows:

C-59-115 – 70 cubic feet per second

Provide hydraulic calculations and temporary water diversion plan details at each required location. Include a summary of the temporary water diversion duration at each required location. All methods of diversion, calculations, and plans are subject to approval as part of the ECIP. The contractor is responsible for determining the pumping capacity at each location. Any cost or delays associated with water flowing through the work zone shall be the responsibility of the contractor.

##### **By-Pass Pumping**

For bypass pumping that will extend beyond one working day, the ECIP should also include how the work zone will be managed and protected if the pump should fail or be shut down due to unacceptable water quality, or if storm water flows exceed the pumping rate of equipment. After setup of the approved bypass pumping operation, the contractor shall demonstrate that the means and methods will pump the water at an acceptable water quality prior to starting work that necessitates the bypass pumping.

##### **Temporary Channel**

If a temporary channel is used for Temporary Water Diversion, submit the means and methods proposed for construction of temporary bypass channels to be used during construction for approval as part of the ECIP. Properly size pipes and channels to maintain channel flow. At a minimum, line the channel with polyethylene sheeting overlaid with select crushed material, or other means approved by the engineer, to stabilize the excavated channel. Install an impervious barrier at the connections of the temporary bypass channel to the existing channel that isolates the new culvert work area from temporary bypass flow for a 2-year recurrence interval stream discharge.

## Restoration

Once water flow has been restored to the original location, restore all disturbed areas to their original existing contour. After completion of grading, place topsoil as specified in standard spec 625 in the disturbed areas. After completing the necessary top soiling, harrow, smooth, fertilize, and seed the entire disturbed area as specified for fertilizer and seeding in standard spec 629 and 630.

### D Measurement

The department will measure Temporary Water Diversion C-59-115 as a single lump sum unit of work, acceptably completed for each structure.

### 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	Temporary Water Diversion C-59-115	LS

Payment for Temporary Water Diversion is full compensation for providing hydraulic calculations, plans, installation, excavation, polyethylene sheeting, select crushed material, impervious barrier material, maintenance, daily inspections, bypass pumping, removal of all items for temporary water diversion, restoring the disturbed areas back to existing contour, and all other work required under this section except as follows:

- The department will pay separately for top soiling under the Topsoil or Salvaged Topsoil bid items as specified in standard spec 625.5.
- The department will pay separately for fertilizing under the Fertilizer bid items as specified in standard spec 629.5.
- The department will pay separately for seeding under the Seeding bid items as specified in standard spec 630.5.

## 40. Removing and Restoring Rocks and Downspout Extension, Item SPV.0105.02.

### A Description

This special provision describes removing of existing landscaping rocks and corrugated downspout extension and reinstalling them.

### B Materials

Reuse the existing rocks and downspout extension materials. If materials become damaged and unusable furnish equivalent materials to restore the area to the initial condition.

### C Construction

Remove existing materials and store safely for reinstallation prior to removal of existing sidewalk. Reinstall materials to initial condition after new sidewalk is installed.

### D Measurement

The department will measure Removing and Restoring Rocks and Downspout Extension by the unit, acceptably completed.

### E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.02	Removing and Restoring Rocks and Downspout Extension	LS

Payment is full compensation for removing, reinstalling, restoring the disturbed area back to existing conditions, any necessary materials, and all other work required under this section.

**41. Removing and Restoring Brick Paver Walk, Item SPV.0165.01.**

**A Description**

This special provision describes removing of existing brick paver walkway and reinstalling them.

**B Materials**

Reuse the existing brick pavers. If pavers become damaged and unusable furnish equivalent materials to restore the area to the initial condition.

**C Construction**

Remove existing materials and store safely for reinstallation prior to temporary paving. Reinstall materials to initial condition after new roadway curb and gutter is installed.

**D Measurement**

The department will measure Removing and Restoring Brick Paver Walk by the square foot, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.01	Removing and Restoring Brick Paver Walk	SF

Payment is full compensation for removing, reinstalling, restoring the disturbed area back to existing conditions, any necessary materials, and all other work required under this section.

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

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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 8 (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 4 (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 under-representation 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

#### Authority

Wisconsin Department of Transportation (WisDOT) is a recipient of funds from the US Department of Transportation's Federal Highway Administration. The DBE program is a federal program applicable on all contracts administered by WisDOT that include federal-aid highway funds. The authority for the DBE program is the Transportation Bill as approved by Congress periodically. DBE program guidance and requirements are outlined in the Code of Federal Regulations at 49 CFR Part 26. This contract is subject to DBE provisions because it is financed with federal-aid-highway funds. Additionally, this contract is subject to the *State of Wisconsin Standard Specifications for Highway and Structure Construction* and all applicable contract documents.

#### Requirements

Pursuant to the federal DBE program regulation at 49 CFR Part 26, a contractor's failure to comply with any provision of the DBE program regulatory provisions will be considered a material breach of contract. This is nonnegotiable.

If a contractor fails to carry out the DBE program requirements and/or the Required Contract Provisions for Federal Aid Contracts (FHWA 1273) referenced in this document, sanctions will be assessed depending upon the facts, reasoning, severity, and remedial efforts of the contractor that may include: termination of contract, withholding payment, assessment of monetary sanctions, and/or suspension/debarment proceedings that could result in the disqualification of the contractor from bidding for a designated period of time.

- (1) At time of bid, ALL prime contractors shall submit Form DT1506 (Commitment to Subcontract to DBE), and signed Attachments A. If the assigned DBE contract goal is not met, Form DT1202 (Documentation of Good Faith Effort) is due at time of bid. Supplemental DT1202 documentation is due within 24-hours of bid closing, submitted to the DBE Alert email box. Any change to DBE commitments thereafter must follow Modification of DBE Subcontracting Commitment (Section 9).
- (2) The Department requires this list of DBE subcontractors from all bidders at time of bid to ensure the lowest possible cost to taxpayers and fairness to other bidders and subcontractors. Bid Shopping is prohibited.
- (3) The contractor shall utilize the specific DBE firms listed on the approved Form, DT1506, to perform the work and/or supply the materials for which the DBE firm is listed unless the contractor obtains written consent from WisDOT. The contractor shall not be entitled to payment for any work or materials on the approved DT1506 that is not performed or supplied by the listed DBE without WisDOT's written consent.

#### Description

The Wisconsin Department of Transportation is committed to the compliant administration of the DBE Program. The DBE provisions work in tandem with FHWA 1273 and WisDOT's Standard Specifications and Construction Materials Manual. The WisDOT Secretary is signatory to assurances of department-wide compliance.

The department assigns the contract DBE goal as a percentage of work items that could be performed by certified DBE firms on the contract. The assigned DBE goal is expressed on the bid proposal as a percentage applicable to the total contract bid amount.

- (1) WisDOT identifies the assigned DBE goal in its contract advertisements and posts the contract DBE goal on the cover of the bidding proposal. The contractor can meet the assigned contract DBE goal by subcontracting work to a DBE firm or by procuring services or materials from a DBE firm.

- (2) Under the contract, the prime contractor should inform, advise, and develop participating DBE firms to be more knowledgeable contractors who are prepared to successfully complete their contractual agreement through the proactive provision of assistance in the following areas:
  - § Produce accurate and complete quotes
  - § Understand highway plans applicable to their work
  - § Understand specifications and contract requirements applicable to their work
  - § Understand contracting reporting requirements
- (3) The department encourages contractors to assist DBE subcontractors more formally by participating in WisDOT's Business Development program as a mentor, coach, or resource. For comprehensive information on the Disadvantaged Business Enterprise Program, visit WisDOT's Civil Rights and Compliance Section website at: <http://wisconsindot.gov/Pages/doing-bus/civil-rights/dbe/default.aspx>

## 1. Definitions

Interpret these terms, used throughout this additional special provision, as follows:

- a. **Assigned DBE Contract Goal:** The percentage shown on the cover of the Highway Work Proposal that represents the feasible level of DBE participation for each contract. The goal is calculated using the Engineer's Estimate and DBE Interest Report. Goal assignment includes review of FHWA funds, analyzes bid items for subcontract opportunity and compatibility with DBE certified firm work codes. Additional factors considered include proximity, proportion, and regulations.
- b. **Bid Shopping:** In construction law, bid shopping is the practice of divulging a subcontractor's bid to another prospective contractor(s) before or after the award of a contract to secure a lower bid.
- c. **DBE:** Disadvantaged Business Enterprise- for-profit small business concern where socially and economically disadvantaged individuals own at least a 51% interest and control management and daily business operations.
- d. **DBE Commitment:** The DBE Commitment is identified in the Commitment to Subcontract to DBE (Form DT1506) and is expressed as the amount of DBE participation the prime contractor has secured. The DT1506, a contract document completed by the bidder, is required to be considered a responsive bidder on an FHWA-funded contract that has an assigned DBE goal.
- e. **DBE Utilization:** The actual participation of a DBE subcontractor on a project. WisDOT verifies DBE utilization through review of Form DT1506, payments to subcontractors, and contract documentation. The Prime Contractor receives DBE credit for payments made to the DBE firms performing the work listed on the approved Form DT1506, and those submitted after approved commitment with Attachment A.
- f. **Good Faith Effort:** Legal term describing a diligent and honest effort taken by a reasonable person under the same set of facts or circumstances. For DBE subcontracting, the bidder must show that it took all necessary and reasonable steps to achieve the assigned DBE goal by the scope, intensity, and appropriateness of effort that could reasonably be expected for a contractor to obtain sufficient DBE participation.
- g. **Manufacturer:** A firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the contract.
- h. **Reasonable Price:** Contractors are expected to assess reasonable price by analyzing the contract scope for DBE subcontract feasibility and comparing common line items in DBE and non-DBE subcontract quotes for the same work. Per federal regulation, reasonable price is not necessarily the lowest price.

- i. **Supplier:** A firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles, or equipment required under the contract are bought, kept in stock, and regularly sold or leased to the public.
- j. **Tied quote:** Subcontractor quote that groups multiple bid/line items at a bundled/package price with a notation that the items within the quote shall not be separated.

## 2. WisDOT DBE Program Compliance

### a. Documentation Submittal

**The Commitment to Subcontract to DBE (Form DT1506) and signed Attachments A shall be submitted at bid by ALL prime contractors. If the assigned DBE contract goal is not met, Documentation of Good Faith Effort (Form DT1202) is due at time of bid. Supplemental DT1202 documentation is due within 24-hours of bid closing, submitted to the DBE Alert email box.**

Naming conventions: When emailing files, please use the following language to identify your submission-  
"Project #, Proposal #, Let date, Business Name, GFE" Email: [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov)

The DBE Office will not certify Good Faith Effort and the Bureau of Project Development will consider the bid nonresponsive if the contractor fails to furnish the Form DT1506, Attachments A, and Form DT1202 if applicable, as required. See sample forms in the Appendix.

### b. Verification of DBE Commitment

The documentation related to DBE subcontract commitment submitted prior to contract award is evaluated as follows:

#### (1) DBE Goal Met

If the bidder indicates that the contract DBE goal is met, the department will evaluate Form DT1506 and Attachments A to verify the actual DBE percentage calculation. If the DBE commitment is verified, the contract is eligible for award with respect to the DBE commitment.

#### (2) DBE Goal Not Met

- a) If the bidder indicates a bid percentage on Form DT1506 that does not meet the assigned DBE contract goal, the bidder must request alternative evaluation of good faith effort through submission of Form DT1202 (Documentation of Good Faith Effort) at the time of bid including narrative description. Supplementary documentation of good faith effort that supports the DT1202 submission is due within 24-hours of bid submission and prior to bid posting. The department will review the bidder's DBE commitment and evaluate the bidder's good faith efforts submission.
- b) Following evaluation of the bidder's Good Faith Effort documentation the bidder will be notified that the department intends to:
  - 1. *Approve* the request (adequate documentation of GFE has been submitted)- no conditions placed on the contract with respect to the DBE commitment;
  - 2. *Deny* the request (inadequate documentation of GFE has been submitted)- the contract is viewed as non-responsive per Wisconsin Standard Specifications for Highway and Structure Construction and will not be executed.
- c) If the department denies the bidder's request, the contract is ineligible for award. The department will provide a written explanation for denying the request to the bidder. The bidder may appeal the department's denial (see Section 4).

Supplemental good faith effort documentation must be submitted to the DBE Office by email at: [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov) or by postal mail - ATTN: DBE Office, PO Box 7986, Madison, WI 53707-7986. Email naming convention: "Project #, Proposal #, Let date, Business Name, GFE"

### 3. Department's Criteria for Good Faith Effort Documentation

The Federal-aid Construction Contract Provision, referenced as FHWA-1273, explicitly states that the prime contractor shall be responsible for all work performed on the contract by piecework, station work, or subcontract. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of the contract including assurances of equal employment opportunity laws, DBE regulations, and affirmative action. Compliance encompasses responsible and responsive action, documentation, and good faith effort.

Contractually, all contractors, subcontractors, and service providers on the contract are bound by FHWA 1273 and DBE program provisions. **Prime contractors should encourage subcontractors to utilize DBE firms whenever possible to contribute to the assigned DBE contract goal.**

Bidders are required to document good faith effort. Per 49 CFR Part 26.53, good faith effort is demonstrated in one of two ways. The bidder:

- (1) Documents that it has obtained enough DBE participation to meet the goal; OR
- (2) Documents that it made adequate good faith efforts to meet the goal, even though it did not succeed

*Appendix A* of 49 CFR Part 26 provides guidance concerning good faith efforts. WisDOT evaluates good faith effort on a contract basis just as each contract award is evaluated individually.

The efforts employed by the bidder should be those that WisDOT can reasonably expect a bidder to take to actively and aggressively obtain DBE participation sufficient to meet the DBE contract goal. The department will only approve demonstration of good faith effort if the bidder documents the quality, quantity, and intensity of the variety of activities undertaken that are commensurate with expected efforts to meet the stated goal.

The department, in conjunction with industry stakeholders, has developed the following guidance for contractor good faith effort activity. The guidance and the attached appendices provide a framework for the actions required by all parties in the processing and evaluation of bidder's total efforts to achieve the project specific DBE goal prior to the bid letting date.

a. Solicitation guidance for Prime Contractors:

- (1) Document all efforts and decisions made toward achieving the DBE goal on the contract. The bidder should use WisDOT-approved DBE outreach tools, including the UCP DBE Directory and the Bid Express Small Business Network to foster DBE participation on all applicable contracts.
- (2) As needed, request assistance with DBE outreach and follow-up by contacting the department's DBE Support Services Office by phone or email request at least 14 days prior to the bid letting date. Phone numbers are (414) 438-4584 and/or (608) 267-3849; Fax: (414) 438-5392; E-mail: [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov)
- (3) Participate in and document a substantive conversation with at least one DBE firm per Let, to discuss questions, concerns, and any other contract related matters that may be applicable to the DBE firm. Guidelines for this conversation are provided in Appendix A of ASP-3.
- (4) Request quotes by identifying potential items to subcontract and solicit. In their initial contacts, contractors are strongly encouraged to include a single page, detailed list of items for which they are accepting quotes, by project, within a letting. *See attached sample entitled "Sample Contractor Solicitation Letter" in Appendix B.* Prime contractors should also indicate a willingness to accept quotes in areas they are planning to perform themselves, as required by federal rules. In some cases, it might be appropriate to use DBE firms to do work in a prime contractor's area of specialization.

- i. Solicit quotes from certified DBE firms who match possible items to subcontract using all reasonable and available means. Additionally, forward copies of solicitations highlighting the work areas for which quotes are being sought to [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov)
  - ii. Acceptable outreach tools include SBN (Small Business Network, see Appendix C):  
<https://www.bidx.com/wi/main>, postal mail, email, fax, and phone.
    - a. Contractors must ask DBE firms for a response in their solicitations. See *Sample Contractor Solicitation Letter*, Appendix B. This letter may be included as an attachment to the sub-quote request.
    - b. Solicit quotes at least 10 calendar days prior to the letting date to allow DBE firms sufficient time to respond. Prime contractors should contact DBE firms early, asking if they need help organizing their quote, assistance confirming equipment needs, or other assistance supporting their submission of a competitive quote for their services.
    - c. A follow up solicitation should take place within 5 calendar days of the letting date. Email and/or SBN are the preferred method for the solicitation.
  - iii. Upon request, provide interested DBE firms with adequate information about plans, specifications, and the requirements of the contract by letter, information session, email, phone call, and/or referral.
  - iv. When potential exists, the contractor should advise interested DBE firms on how to obtain bonding, line of credit, or insurance if requested.
  - v. Document DBE firm's interest in quoting by taking appropriate steps to follow up initial solicitation with:
    - a. Email to all prospective DBE firms in relevant work areas
    - b. Phone call log to DBE firms who express interest via written response or call
    - c. Fax/letter confirmation
    - d. Signed copy of record of subcontractor outreach effort
- b. Guidance for Evaluating DBE quotes
- (1) Quote evaluation practices required to evaluate DBE quotes:
    - i. Reasonable Price: Contractors are expected to assess reasonable price by analyzing the contract scope for DBE subcontract feasibility and comparing common line items in DBE and non-DBE subcontract quotes for the same work. Per federal regulation, reasonable price is not necessarily the lowest price. See 49 CFR Part 26, Appendix A. IV.D(2).
  - (2) Documentation submitted by the prime of the following evaluation is required to evaluate DBE quotes by contractors:
    - i. Evaluation of DBE firm's ability to perform "possible items to subcontract" using legitimate reasons, including but not limited to, **a discussion** between the prime and DBE firm regarding its capabilities prior to the bid letting. If lack of capacity is the reason for not utilizing the DBE firm's quote, the prime is required to contact the DBE by phone and email regarding their ability to perform the work indicated in the UCP directory listed as their work area by NAICS code. Only the work area indicated by the NAICS code(s) listed in the UCP directory can be counted toward DBE credit. Documentation of the conversation is required.
      - a. In striving to meet an assigned DBE contract goal, contractors are expected to use DBE quotes that are responsive and reasonable. This includes DBE quotes that are not the low quote.
      - b. Additional evaluation - Evaluation of DBE quotes with tied bid items. Typically, this type of quoting represents a cost saving but is not clearly stated as a discount. Tied quotes are usually presented as an 'all or none' quote. When non-DBE subcontractors submit tied bid items in their quotes, the DBE firm's quote may not appear competitive. In such a case, the following steps are taken in comparing the relevant quotes. These are qualitative examples:
        - i. Compare bid items common to both quotes, noting the reasonableness in the price comparison.

- ii Review quotes from other firms for the bid items not quoted by the DBE firm to see if combining both can provide the same competitive advantage that the tied bid items offered.

See Appendix D – *Good Faith Effort Evaluation Measures* and Appendix E - *Good Faith Effort Best Practices*.

- c. Requesting Good Faith Effort Evaluation: At the time of bid- if the DBE goal is not met in full, the prime contractor must request alternative Good Faith Effort Evaluation using form DT1202- Documentation of Good Faith Effort. Supplementary documentation of good faith effort that supports the DT1202 submission is due within 24-hours of bid submission and prior to bid posting. Supporting documentation for the DT1202 is to include the following:
  - (1) Solicitation Documentation: The names, addresses, email addresses, and telephone numbers of DBE firms contacted along with the dates of both initial and follow-up contact; electronic copies of all written solicitations to DBE firms. A printed copy of SBN solicitation is acceptable.
  - (2) Selected Work Items Documentation: Identify economically feasible work units to be performed by DBEs to include activities such as: list of work items to be performed; breaking up of large work items into smaller tasks or quantities; flexible time frames for performance and delivery schedules.
  - (3) Documentation of Project Information provided to interested DBEs: A description of information provided to the DBE firms regarding the plans, specifications, and estimated quantities for portions of the work to be performed by that DBE firm.
  - (4) Documentation of Negotiation with Interested DBEs: Provide sufficient evidence to demonstrate that good faith negotiations took place. Merely sending out solicitations requesting bids from DBEs does not constitute sufficient good faith efforts.
  - (5) Documentation of Sound Reasoning for Rejecting DBEs and copies of each quote received from a DBE firm and, if rejected, copies of quotes from non-DBEs for same items.
  - (6) Documentation of Assistance to Interested DBEs- Bonding, Credit, Insurance, Equipment, Supplies/Materials
  - (7) Documentation of outreach to Minority, Women, and Community Organizations and other DBE Business Development Support: Contact organizations and agencies for assistance in contacting, recruiting, and providing support to DBE subcontractors, suppliers, manufacturers, and truckers at least 14 days before bid opening. Participate in or host activities such as networking events, mentor-protégé programs, small business development workshops, and others consistent with DBE support.

Naming conventions: When emailing files, please use the following language to identify your submission-  
"Project #, Proposal #, Let date, Business Name, GFE"                      Email: [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov)

If the Good Faith Effort documentation is deemed adequate, the request will be approved and the DBE office will promptly notify the Prime Contractor and Bureau of Project Development.

If the DBE Office denies the request, the Prime Contractor will receive written correspondence outlining the reasons. The department encourages the Prime Contractor to communicate with DBE staff to clarify any questions related to meeting goals and/or contractor demonstration of good faith efforts.

If the contract is awarded, the Prime Contractor must obtain written consent from the DBE Office to change or replace any DBE firm listed on the approved Form DT1506. No contractor, prime or subsequent tier, shall be paid for completing work assigned to a DBE subcontractor on an approved DT1506 unless WisDOT has granted permission for the reduction, replacement, or termination of the assigned DBE in writing. If a prime contractor or a subcontractor on any tier uses its own forces to perform work assigned to a DBE on an approved DBE commitment, **they will not be paid for the work**. Any changes to DBE commitment after the approval of Form DT1506 must be reviewed and approved by the DBE Office prior to the change (see Section 9).

#### 4. Bidder's Documentation of Good Faith Effort Evaluation Request Appeal Process

A bidder can appeal the department's decision to deny the bidder's demonstration of Good Faith Effort through Administrative Reconsideration. The bidder must provide a written justification refuting the specific reasons for denial as stated in the department's denial notice. The bidder may meet in person with the department if so requested. Failure to appeal within 5 business days after receiving the department's written notice denying the request constitutes a forfeiture of the bidder's right of appeal. Receipt of appeal is confirmed by email date stamp or certified mail signed by WisDOT staff. A contract will not be executed without documentation that the DBE provisions have been fulfilled.

The department will appoint a representative who did not participate in the original good faith effort determination, to assess the bidder's appeal. The department will issue a written decision within 5 business days after the bidder presents all written and oral information. In that written decision, the department will explain the basis for finding that the bidder did or did not demonstrate an adequate good faith effort to meet the contract DBE goal. The department's decision is final.

#### 5. Determining DBE Eligibility

##### Directory of DBE firms

- a. The only resource for DBE firms certified in the State of Wisconsin is the Wisconsin Unified Certification Program (UCP) DBE Directory. WisDOT maintains a current list of certified DBE firms at: <http://wisconsindot.gov/Documents/doing-bus/civil-rights/dbe/dbe-ucp-directory.xlsx>
- b. The DBE Program office is available to assist with contracting DBE firms:(608) 267-3849.
- c. DBE firms are certified based on various factors including the federal standards from the Small Business Administration that assigns a North American Industrial Classification (NAICS) Codes. DBE firms are only eligible for credit when performing work in their assigned NAICS code(s). If a DBE subcontractor performs work that is not with its assigned NAICS code, the prime contractor should contact the DBE Office to inquire about compatibility with the Business Development Program.

#### 6. Counting DBE Participation

##### Assessing DBE Work

The department will only count the DBE usage towards the contract DBE goal if the DBE firm is certified as a DBE by one of the UCP agencies. The department only counts the value of the work a DBE actually performs towards the DBE goal. The department assesses the DBE work as follows:

- a. The department counts work performed by the DBE firm's own resources. The department includes the cost of materials and supplies the DBE firm obtains for the work. The department also includes the cost of equipment the DBE firm leases for the work. The department will not include the cost of materials, supplies, or equipment the DBE firm purchases or leases from the prime contractor or its affiliate, with the exception of non-project specific leases the DBE has in place before the work is advertised.
- b. The department counts fees and commissions the DBE subcontractor charges for providing bona fide professional, technical, consultant, or managerial services. The department also counts fees and commissions the DBE charges for providing bonds or insurance. The department will only count costs the program engineer deems reasonable based on experience or prevailing market rates.

- c. If a DBE firm subcontracts work, the department counts the value of the work subcontracted to a DBE subcontractor.
- d. The contractor shall maintain records and may be required to furnish periodic reports documenting its performance under this item.
- e. It is the Prime Contractor's responsibility to determine whether the work that is committed and/or contracted to a DBE firm can be counted for DBE credit by referencing the work type and NAICS code listed for the DBE firm on the Wisconsin UCP DBE Directory.
- f. It is the Prime Contractor's responsibility to assess the DBE firm's ability to perform the work for which it is committing/contracting the DBE to do. Note that the department encourages the Prime Contractor to assist and develop DBE firms to become fully knowledgeable contractors to successfully perform on its contracts.
- g. The Prime Contractor shall inform the DBE office via email of all DBE subcontractors added to the project following execution of the contract. The Prime Contractor may omit submission of another form DT1506, but must submit signed Attachment A forms for additional DBE firms.
- h. See Section 7 for DBE credit evaluation for Trucking and Section 8 for DBE credit evaluation for Manufacturers, Suppliers, and Brokers

Naming conventions: When emailing files, please use the following language to identify your submission-  
"Project #, Proposal #, Let date, Business Name, Attachment A"      Email: [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov)

\*Note: A sublet request is required for DBE work, regardless of subcontract tier, and also for reporting materials or supplies furnished by a DBE.

- Sublet Requests via form DT1925 or WS1925 are required for 1st Tier DBEs
- For all 2nd Tier and below notification of DBE sublet is indicated by the contractor entering them in CRCS

## 7. Credit Evaluation for Trucking

All bidders are expected to adhere to the department's current trucking policy posted on the HCCI website at: <http://wisconsin.gov/Documents/doing-bus/civil-rights/dbe/trucking-utilization-policy.pdf>

The prime contractor is responsible for ensuring that all subcontractors including trucking firms, receive Form FHWA 1273: <https://www.fhwa.dot.gov/programadmin/contracts/1273/1273.pdf>

See Section 8 for Broker credit.

## 8. Credit Evaluation for Manufacturers, Suppliers, Brokers

The department will calculate the amount of DBE credit awarded to a prime using a DBE firm for the provisions of materials and supplies on a contract-by-contract basis. The department will count the material and supplies that a DBE firm provides under the contract for DBE credit based on whether the DBE firm is a manufacturer, supplier, or broker. Generally, DBE credit is determined through evaluation of the DBE owner's role, responsibility, and contribution to the transaction. Maximum DBE credit is awarded when the DBE firm manufactures materials or supplies. DBE credit decreases when the DBE firm solely supplies materials, and minimal credit is allotted when the DBE firm's role is administrative or transactional. It is the bidder's responsibility to confirm that the DBE firm is considered a supplier or a manufacturer before listing them on Commitment to Subcontract to DBE form DT1506.



## a. Manufacturers

- (1) A manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the contract and of the general character described by the specifications.
- (2) If the materials or supplies are obtained from a DBE manufacturer, **100%** percent of the cost of the materials or supplies counts toward DBE goals.

## b. Regular Dealers of Material and/or Supplies

- (1) Supplies purchased in bulk from DBE firms at the beginning of the season may be credited to current contracts if submitted with appropriate documentation to the DBE office.
- (2) 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.
- (3) 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.
- (4) 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.
- (5) When DBE suppliers are contracted, additional documentation must accompany form DT1506 and Attachment A forms. An invoice or bill-of-sale that includes names of the bidder and the DBE supplier, along with documentation of the calculations used as the basis for the purchase agreement, subcontract, or invoice. WisDOT recognizes that the amount on the Attachment A form may be more or less than the amount on the invoice per b.(1) above.
  - i. The bidder should respond to the following questions and include with submission of form DT1506:
    - a. What is the product or material?
    - b. Is this item in the prime's inventory or was the item purchased when contract was awarded?
    - c. Which contract line items were referenced to develop this quote?
    - d. What is the amount of material or product used on the project?

## c. Brokers, Transaction Expeditors, Packagers, Manufacturers' Representatives

- (1) No portion of the cost of the materials, supplies, services themselves will count for DBE credit. However, WisDOT will evaluate the fees or commissions charged when a prime purchases materials, supplies, or services from a DBE certified firm which is neither a manufacturer nor a regular dealer, namely: brokers, packagers, manufacturers' representatives, or other persons who arrange or expedite transactions.
- (2) Brokerage fees are calculated as **10%** of the purchase amount.
- (3) WisDOT may count the amount of fees or commissions charged for assistance in the procurement of the materials and supplies, fees, or transportation charges for the delivery of materials or supplies required on a job site.
- (4) Evaluation of DBE credit includes review of the contract need for the item/service, the sub-contract or invoice for the item/service, and a comparison of the fees customarily allowed for similar services to determine whether they are reasonable.

## 9. DBE Commitment Modification Policy (Formerly “DBE Replacement Policy”)

### A. Issuing a Contract Change Order

Any changes or modifications to the contract once executed are considered contract modifications and as such require a change order. In addition, the DBE office must provide consent for reduction, termination, or replacement of subcontractors approved on the DT1506 *in advance* of the modification for the prime contractor to receive payment for work or supplies. Additions to the DBE commitment do not require advance notification of the DBE office. (see D below)

### Contractor Considerations

1. A prime contractor cannot modify the DBE commitment through reduction in participation, termination, or replacement of a DBE subcontractor listed on the approved 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.
2. If a prime contractor reduces participation, replaces, or terminates a DBE subcontractor who has been approved for DBE credit toward its contract, the prime is required to provide documentation supporting its inability to fulfill the contractual commitment made to the department regarding the DBE utilization.
3. The Prime Contractor is required to demonstrate efforts to find another DBE subcontractor to perform at least the same amount of work under the contract as the DBE subcontractor that was terminated, to the extent needed to meet the assigned DBE contract goal.
4. When additional opportunity is available by contract modifications, the Prime Contractor must utilize DBE subcontractors that were committed to equal work items, in the original contract.
5. In circumstances when a DBE subcontractor fails to complete its work on the contract for any reason, or is terminated from a contract, the Prime Contractor must undertake efforts to maintain its commitment to the assigned DBE goal.
6. The DBE subcontractor should communicate with the Prime Contractor regarding its schedule and capacity in the context of the contract. If the DBE firm anticipates that it cannot fulfill its subcontract, they shall advise the Prime Contractor and suggest a DBE subcontractor that may replace their services and provide written consent to be released from its subcontract.

(a) Before the Prime Contractor can request modification to the approved DT1506, the Prime Contractor must:

- i. Make every effort to fulfill the DBE commitment by working with the listed DBE subcontractor to ensure that the firm is fully knowledgeable of the Prime Contractor's expectations for successful performance on the contract. Document these efforts in writing.
- ii. If those efforts fail, provide written notice to the DBE subcontractor of the Prime Contractor's intent to request to modify the commitment through reduction in participation, termination, and/or replacement of the subcontractor including the reason(s) for pursuing this action.
- iii. Copy the DBE Office on all correspondence related to changing a DBE subcontractor who has been approved for DBE credit on a contract, including preparation and coordination efforts.
- iv. Clearly state the amount of time the DBE firm has to remedy and/or respond to the notice of intent to replace/terminate. The DBE must be allowed five days from the date notice was received as indicated by email time stamp or signed certified mail, to respond, in writing. **EXCEPTION:** The Prime Contractor must provide a verifiable reason for a response period shorter than five days. For example, a WisDOT project engineer or project manager confirms that WisDOT has eliminated an item the DBE subcontractor was contracted for.

- v. The DBE subcontractor must acknowledge the contract modification with written response to the Prime Contractor and the DBE Office. If objecting to the subcontract modification, the DBE subcontractor must outline the basis for objection to the proposed modification, providing sound reasoning for WisDOT to reject the prime's request.

### **B. Request to Modify DBE Subcontracting Commitment**

The written request referenced above may be delivered by email or fax. The request must contain the following:

1. Project ID number
2. WisDOT Contract Project Engineer's name and contact information
3. DBE subcontractor name and work type and/or NAICS code
4. Contract's progress schedule
5. Reason(s) for requesting that the DBE subcontractor be replaced or terminated
6. Attach/include all communication with the DBE subcontractor to deploy/address/resolve work completion

Naming conventions: When emailing files, please use the following language to identify your submission- "Project #, Proposal #, Let date, Business Name, MODIFICATION" Email: [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov) + Project Engineer

WisDOT will review the request and any supporting documentation submitted to evaluate if the circumstance and the reasons constitute good cause for replacing or terminating the approved DBE subcontractor.

*Good Causes to Replace a DBE subcontractor according to the federal DBE program guidelines {49 CFR part 26.53}*

- The listed DBE subcontractor fails or refuses to execute a written contract
- The listed DBE subcontractor fails or refuses to perform the work of its subcontract in a way consistent with normal industry standards. Provided, however, that good cause does not exist if the failure or refusal of the DBE subcontractor to perform its work on the subcontract results from the bad faith or discriminatory action of the prime contractor
- The listed DBE subcontractor fails or refuses to meet the prime contractor's reasonable, nondiscriminatory bond requirements
- The listed DBE subcontractor becomes bankrupt, insolvent, or exhibits credit unworthiness
- The listed DBE subcontractor is ineligible to work on public works projects because of suspension and debarment proceedings pursuant 2 CFR Parts 180, 215, and 1,200 or applicable state law
- The prime has determined that the listed DBE subcontractor is not a responsible contractor
- The listed DBE subcontractor voluntarily withdraws from the project and provides written notice of its withdrawal
- The listed DBE subcontractor is ineligible to receive DBE credit for the type of work required
- A DBE firm owner dies or becomes disabled with the result that the listed DBE subcontractor is unable to complete its work on the contract

### **C. Evaluation and Response to the Request**

WisDOT's timely response to the Prime Contractor's request for modification of the approved DBE subcontracting commitment will be provided to the prime and the WisDOT project engineer via email.

If WisDOT determines that the Prime Contractor's basis for reduction in participation, replacement, or termination of the DBE subcontractor is not consistent with the good cause guidelines, the DBE office will provide a response via email within 48-hours of receipt of request from the Prime Contractor as indicated by email time stamp. The communication will include: the requirement to utilize the committed DBE, actions to support the completion of the contractual commitment, a list of available WisDOT support services, and administrative remedies, including withholding payment to the prime, that may be invoked for failure to comply with federal DBE guidelines for DBE replacement.

The WisDOT contact for all actions related to modification of the approved Form DT1506 is the DBE Program Engineer who can be reached at [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov) or (608) 264-9528.

#### **D. DBE Utilization beyond the approved DBE Commitment (Form DT1506)**

When the prime or a subcontractor increases the scope of work for an approved DBE subcontractor or adds a DBE subcontractor who was not on the approved form DT1506 at any time after contract execution, this is referred to as voluntary DBE contract goal achievement. The contractor must follow these steps to ensure that the participation is accurately credited toward the DBE goal:

- a. Forward a complete, signed Attachment A form to the DBE Office. A complete Attachment A includes DBE subcontractor contact information, signatures, subcontract value, and description of the work areas to be performed by the DBE. The DBE Office will verify the DBE participation and revise the DT1506 based on the email/discussion and the new Attachment A.
- b. When adding to an existing DBE commitment, submit a new Attachment A to the DBE Alert mailbox
- c. OR Submit a final Attachment A to DBE Alert during the Finals Process when Compliance receives notice of "Substantially Complete"

Naming conventions: When emailing files, please use the following language to identify your submission- "Project #, Proposal #, Let date, Business Name, New Attachment A" Email: [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov)

#### **Special note on trucking**

- DBE truckers added to the sublets in CRCS *will* be approved without DBE credit (You will see a "N" in CRCS instead of "Y")
- Prime Contractors may enter a "place holder" e.g. \$1000.00, for DBE Trucking in CRCS if the full amount of trucking is unknown for sublet purposes only
- The hiring contractor may obtain the Attachment A with DBE signature included but the **Prime Contractor** must sign the Attachment A before submitting

## **10. Commercially Useful Function**

- a. Commercially Useful Function (CUF) is evaluated after the contract has been executed, while the DBE certified firm is performing contracted work items.
- b. The department uses Form DT1011, DBE Commercially Useful Function Review and Certification to evaluate if the DBE is performing a commercially useful function. WisDOT counts expenditures of a DBE toward the DBE goal only if the DBE is performing a commercially useful function on that contract.
- c. A DBE firm is performing a commercially useful function if the following conditions are met:
  - (1) For contract work, the DBE is responsible for executing a distinct portion of the work and is carrying out its responsibilities by actually performing, managing, and supervising that work.
  - (2) For materials and supplies, the DBE is responsible for negotiating price, determining quality and quantity, ordering, and paying for those materials and supplies.

## **11. Credit Evaluation for DBE Primes**

WisDOT calculates DBE credit based on the amount and type of work performed by DBE certified firms for work submitted with required documentation. If the prime contractor is a DBE certified firm, the department will only count the work that the DBE prime performs with its own forces for DBE neutral credit. The department will also calculate DBE credit for work performed by any other DBE certified subcontractor, DBE certified supplier, and DBE certified manufacturer on the contract in each firm's approved NAICS code/work

areas that are submitted with required documentation. Crediting for manufacturers and suppliers is calculated consistent with Section 8 of this document and 49 CFR Part 26.

## 12. Joint Venture

If a DBE performs as a participant in a joint venture, the department will only count the portion of the total dollar value of the contract equal to the portion of the work that the DBE performs with its own forces, for DBE credit.

## 13. Mentor-Protégé

- a. If a DBE performs as a participant in a mentor-protégé agreement, the department will credit the portion of the work performed by the DBE protégé firm.
- b. DBE credit is evaluated and confirmed by the DBE Office for any contracts on which the mentor-protégé team identifies itself to the DBE Office as a current participant of the Mentor-Protégé Program.
- c. Refer to WisDOT's Mentor-Protégé guidelines for guidance on the number of contracts and amount of DBE credit allowed on WisDOT projects.

## 14. Use of Joint Checks

The use of joint checks is allowable if it is a commonly recognized business practice in the material industry. A joint check is defined as a two-party check between a DBE subcontractor, a prime contractor, and the regular dealer or materials supplier who is neither the prime nor an affiliate of the prime. Typically, the prime contractor issues one check as payor to the DBE subcontractor and to the supplier jointly (to guarantee payment to the supplier) as payment for the material/supplies used by the DBE firm in cases where the DBE subcontractor and materials have been approved for DBE credit. The DBE subcontractor gains the opportunity to establish a direct contracting relationship with the supplier to potentially facilitate a business rapport that results in a line of credit or increased partnering opportunities.

The cost of material and supplies purchased by the DBE firm is part of the value of work performed by the DBE to be counted toward the goal. To receive credit, the DBE firm must be responsible for negotiating price, determining quality and quantity, ordering the materials, and installing (where applicable) and "paying for the material itself." See 49 CFR 26.55(c)(1).

The approval to use joint checks constitutes a commitment to provide further information to WisDOT, upon request by staff. WisDOT will allow the use of joint checks when the following conditions are met:

- a. The Prime Contractor must request permission to use joint checks from the DBE Office by submitting the Application to Use Joint Checks.
  - (1) Request should be made when Form DT1506 or when the Request to Sublet is submitted; the request will not be considered if submitted after the DBE Subcontractor starts its work.
  - (2) Approval/Permission must be granted prior to the issuance of any joint checks.
  - (3) The payment schedule for the supplier must be presented to the DBE office before the first check is issued.
  - (4) The joint check for supplies must be strictly for the cost of approved supplies.
- b. The DBE subcontractor is responsible for furnishing and/or installing the material/work item and is not an 'extra participant' in the transaction. The DBE firm's role in the transaction cannot be limited solely to signing the check(s) to release payment to the material supplier. At a minimum, the DBE subcontractor's tasks should include the following:
  - (1) The DBE subcontractor (not the prime/payor) negotiates the quantities, price, and delivery of materials.

- (2) The DBE subcontractor consents to sign/release the check to the supplier by signing the Application to Use Joint Checks after establishing the conditions and documentation of payment within the subcontract terms or in a separate written document.
- c. The Prime contractor/payor acts solely as a guarantor.
  - (1) The Prime Contractor agrees to furnish the check used for the payment of materials/supplies under the contract.
  - (2) The prime contractor/payor cannot require the subcontractor to use a specific supplier or the prime contractor's negotiated unit price.

## **15. Payment**

Costs for conforming to this Additional Special Provision (ASP) and any associated DBE requirements are incidental to the contract.

## Appendix A

### Substantive Conversation Guidelines

The substantive conversation is critical to all bidders' demonstration of good faith effort to meet the DBE goal prior to bid opening. Relationship building between primes and subcontractors is crucial to DBE goal attainment. Responsible bidders seek to build rapport with potential DBE subcontractors to understand capacity, areas of expertise, and assess contracting feasibility. Bidders who compete for WisDOT contracts are specialty contractors responding to a growing and changing contract environment. Just as these specialists are responsible for care of the roads, they are likewise responsible for contributing to the health of the industry. The substantive conversation drives collaboration that will build industry health and capacity. The following is intended to provide guidance for such discussions but is not an exhaustive list. Contractors are encouraged to incorporate their existing strategies for cultivating business relationships as well.

Prior to Bid Opening- this discussion should happen as early as possible (WisDOT advertisements are released 5 weeks prior to each Let)

- Determine DBE subcontractor's interest in quoting
- If response indicates inexperience with quoting- offer support/assistance to the DBE in understanding the industry including fundamentals a subcontractor needs to know, required reading and/or resources.
- Assess their interest and experience in the road construction industry by asking questions such as:
  1. Have you competed for other WisDOT contracts? Ratio of competed/to wins
  2. Have you performed on any transportation industry contracts (locally or with other states)?
  3. What the largest contract you've completed?
  4. Have you worked in the industry: apprentice, journeyman, safety, inspection etc.?
  5. Does this project fit into your schedule? Are you working on any contracts now?
  6. Have you reviewed a copy of the plans? Are you comfortable performing within the scope and quantity considerations of this contract?
  7. What region do you work in? Home base?
  8. Which line items are you considering?
  9. Have you read/are you familiar with WisDOT Standard Specifications? Construction Material Manual?
  10. Do you understand where your work fits in the project schedule, project phases?

Following Bid Opening- this discussion can happen at any time

1. After reviewing their quote, note the following in your discussion:
  - Does the quote look complete? Irregular?
  - Are there errors in the quote? Are items very high or very low?
  - In general, does the quote look competitive?
2. Questions and Advice for the bidder to share with the potential DBE subcontractor:
  - What line items would typically be in a competitive quote for a subcontractor of their specialty?
  - How many employees and what is their role/experience/expertise in your firm?
  - Do you have resources for labor (union member, family-based, community-resourced) and capital (banking relationship, bond agent, CPA)?
  - Where have you worked: cities, states, government, commercial, residential/private sector, etc. Explain similarities or differences.
  - Refer them to reliable, trusted, industry resources that can educate or connect them to relevant resources, education/certification resources, more appropriate contract opportunities.
  - Discussion about prime contract and subcontract liability, critical path items, contract quantities, schedule risks, and potential profit/loss (for upcoming known projects or in general).
  - Discussion of bonding, insurance, and overall business risk considerations.

**APPENDIX B**  
**Sample Contractor Solicitation Letter Page 1**  
*This sample is provided as a guide not a requirement*

**GFESAMPLE 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 <http://roadwaystandards.dot.wi.gov/hcci/>

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 <http://roadwaystandards.dot.wi.gov/hcci/>  
 All questions should be directed to:

Project Manager, John Doe, Phone:  
 (000) 123-4567  
 Email: [Joe@joetheplumber.com](mailto:Joe@joetheplumber.com)  
 Fax: (000) 123- 4657



**Sample Contractor Solicitation Letter Page 2**  
*This sample is provided as a guide not a requirement*

REQUEST FOR QUOTE

**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: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Email: \_\_\_\_\_

**Please circle the jobs and items you will be quoting below**

Proposal No.	1	2	3	4	5	6	7
County							

**WORK DESCRIPTION:**

Clearing and Grubbing	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
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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 C

### Small Business Network (SBN) Overview

The Small Business Network is a part of the Bid Express® service that was created to ensure that prime bidders have a centralized online location to find subs - including small and disadvantaged business enterprises (DBEs). It is available for prime bidders to use as part of their Basic Service subscription. Within the Small Business Network, **Prime Contractors** can:

1. Easily select proposals, work types and items:
  - a. After adding applicable work types, select items that you wish to quote. Enter the sub-quote quantities and add comments, if desired. Adding or removing items and work types can be done quickly. If needed, you can save the sub-quote for later completion.
2. Create sub-quotes for the subcontracting community:
  - a. Create sub-quotes with ease using the intuitive sub-quote creator. In seven short steps, you can rapidly create a custom sub-quote directed to all subcontractors that bid on the applicable work types. Steps include: provide contact information and sub-quote expiration date, select letting and proposal, add work types and items, specify terms and conditions, upload attachments, and select vendors.
  - b. Create a sub-quote to send to subcontractors or suppliers that lists the items in a proposal that you want quoted
  - c. Create an unlimited number of sub-quotes for items you want quoted, and optionally mark them as a DBE preferred request.
  - d. Add attachments to sub-quotes.
3. View sub-quote requests & responses:
  - a. After logging into the Bid Express service, you can quickly review all of your sub-quote requests and all unsolicited sub-quote requests from subcontractors. To simplify the Small Business Network home screen, sub-quote requests can be hidden with one click if they are not applicable.
  - b. View or receive unsolicited sub-quotes that subcontractors have posted, complete with terms, conditions and pricing.
4. View Record of Subcontractor Outreach Effort:
  - a. For each sub-quote produced, a *Record of Subcontractor Outreach Effort* is generated that shows the response statistics for a particular sub-quote. If accepted by the letting agency, this report may serve as proof of a "Good Faith" effort in reaching out to the DBE community.
  - b. Easily locate pre-qualified and certified small and disadvantaged businesses.
  - c. Advertise to small and disadvantaged businesses more efficiently and cost effectively.
  - d. Document your interactions with subs/DBEs by producing an Outreach Report (may be accepted as proof of DBE outreach at the discretion of each agency).

The Small Business Network 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. **DBE firms can:**

1. View and reply to sub-quote requests from primes:
  - a. After logging into the Bid Express service, you can quickly review all incoming sub-quote requests and all unsolicited sub-quotes created by your company. Receive notifications by selected work type. To simplify on the Small Business Network home screen, sub-quote requests can be filtered by work types relevant to your interests or hidden with one click if they are not applicable.
2. Select items when responding to sub-quote requests from primes:
  - a. You have the freedom to choose and price any number of items when responding to a sub-quote request. Quantities can be modified, and per-item comments are also available.
  - b. View requests for sub-quotes for work that primes have posted for projects they are bidding, add your pricing, terms, and conditions, and submit completed sub-quotes to the requesting primes.
  - c. Add attachments to a sub-quote.
3. Create and send unsolicited sub-quotes to specific contractors:
  - a. Create unsolicited sub-quotes with ease using the intuitive sub-quote creator. In eight short steps, you can rapidly create a custom sub-quote directed at any number of specific vendors of your choosing. Steps include: provide contact information and sub-quote expiration date, select letting and proposal, add work types and items, specify terms and conditions, upload attachments, and select vendors.
4. Easily select and price items for unsolicited sub-quotes:
  - a. After adding applicable work types, select items that you wish to quote. The extended price calculates automatically, cutting out costly calculation errors. Comments can be provided on a per-item basis as well.
  - b. Create an unsolicited sub-quote that lists the items from a proposal that you want to quote, include pricing, terms and conditions, and send it to selected prime/plan holder.
  - c. Add attachments to a sub-quote.
  - d. Add unsolicited work items to sub-quotes that you are responding to.
5. Easy Access to Valuable Information
  - a. Receive a confirmation that your sub-quote was opened by a prime.
  - b. View Bid Tab Analysis data from past bids, including the high, average and low prices of items.
  - c. View important notices and publications from DOT targeted to small and disadvantaged businesses.
6. Accessing Small Business Network for WisDOT contracting opportunities
  - a. If you are a contractor not yet subscribing to the Bid Express service, go to [www.bidx.com](http://www.bidx.com) and select "Order Bid Express." The Small Business Network is a part of the Bid Express Basic Service.
  - b. DBE firms can request a Bid Express Small Business Network Account at no cost by calling 414-438-4588.

## APPENDIX D

### Good Faith Effort Evaluation Measures *by categories referenced in DBE regulations*

Bidders must demonstrate that they took all necessary and reasonable steps to achieve the assigned DBE contract goal. For each contract, all bidders must submit documentation indicating the goal has been met or if falling short of meeting the assigned goal, must request a DBE Goal Waiver and document all efforts employed to secure DBE subcontractor participation on Form DT1202.

DBE staff analyze the bidder's documented good faith efforts to determine if action taken was sufficient to meet the goal. Sufficiency is measured contract-by-contract. WisDOT evaluates active and aggressive efforts, quality, quantity, scope, intensity, and appropriateness of the bidder's efforts as a scale of the principles of Good Faith outlined in 49 CFR Part 26, Appendix A. Additional emphasis is placed on the bidder's demonstration of timely submission of documentation and communication with DBE subcontractors, and business development initiatives undertaken to support DBE firm growth.

The following is a sample of good faith effort activities that are rated according to the accompanying rubric. Contractors are encouraged to identify additional activities that align with their business type(s).

- Personal, tailored solicitation to firms that specialize in work types planned or desired for subcontracting
- Follow up to initial solicitation via email or phone
- Substantive conversation including topics such as contract liability, critical path work items, schedule risks, and potential profit/loss
- SBN utilization including posting quotes
- Review and response to DBE quotes including provision of information about plans, specifications, and requirements as applicable
- Documentation requesting subcontractors support DBE goal by solicitation and inclusion of DBE subcontractor quotes
- Responsive and timely submission of organized documentation
- Analysis of number of DBE firms who do work types that you typically subcontract
- Analysis of number of DBE firms who reside in geographical areas where prime seeks work
- Analysis of firms who express interest in bidding/quoting including the number of firms who declined your solicitation
- Reference check of DBE subcontractor work or training (documentation of questions and response required)
- Number of different efforts undertaken to meet the assigned DBE goal as documented in accompanying Form DT1202
- Submission of all DBE quotes received matched with a variety of work to be performed by DBEs
- Number and names of DBE firms provided written advice, or referral to industry-specific business development resources
- Overall pattern of DBE utilization on all WisDOT contracts which may include contracting with municipalities
- Documentation of resources expended to meet assigned DBE goal (#of hours, staff titles, average pay rate, actions taken)
- Analysis of subcontractable work items to be completed by prime beyond prime contractor's 30%
- Risk analysis of work items that are typically in tied quotes that could be unbundled
- List of contract work items in smallest economically feasible units, identifying schedule impact
- Submission of a Gap Analysis identifying DBE skillset and/or industry needs
- Staff training in EEO and Civil Rights laws as documented in training logs
- Written Capacity Assessment completed with DBE firm documenting its ability to perform the work quoted
- DBE engagement efforts beyond simple solicitation that include a substantive discussion, initiated as early in the acquisition process as possible (*points added for each day prior to letting*)
- Outreach and marketing efforts with minority, women, and veteran-focused organizations at least 10 days prior to bid opening
- Active involvement in WisDOT's Business Development Program, TrANS training, facilitated networking efforts, workshops
- Customized teaching/training efforts for future opportunities with DBE subcontractor, contract specific and/or annually
- Introduction and reference provided for DBE subcontractor to a prime who has not previously contracted with the DBE firm
- Prime utilization of a DBE subcontractor the prime has not contracted with previously
- Written referral/recommendation to bond/insurance agents, manufacturer, supplier
- Documented efforts fostering DBE participation through administrative and/or technical assistance
- Evidence of negotiation with the DBE firm about current and future Let opportunities
- Recommendation of local and state services that support small business and access to opportunity: DOA, SBA, WEDC, WPI, etc.
- Advice on bonding, lines of credit, or insurance as required to complete the items quoted and contract requirements

**GFE EVALUATION RUBRIC – PHASE 1**

	<b>Active &amp; Aggressive Category</b>	<b>Quality Category</b>	<b>Quantity Category</b>	<b>Scope &amp; Intensity Category</b>	<b>Timing Category</b>	<b>Business Develop't Efforts</b>	<b>Total=</b>
<b>Solicitation Documentation</b>							
<b>Selected Work Items Documentation</b>							
<b>Documentation of Project Information provided to Interested DBEs</b>							
<b>Documentation of Negotiation with Interested DBEs</b>							
<b>Documentation of Sound Reason for Rejecting DBEs</b>							
<b>Documentation of Assistance to Interested DBEs- bonding, credit, insurance, equipment, supplies/materials</b>							
<b>Documentation of Outreach to Minority, Women, and Community organizations and other DBE Business Development Support</b>							
<b>Documentation of other GFE activities</b>							
<b>Overall Total=</b>							

## GFE EVALUATION RATING LEGEND – PHASE 1

**ACTIVE & AGGRESSIVE:** Demonstrated through engaged and assertive activity

**QUALITY:** Demonstrated through essential character of conscientious and serious activity

**QUANTITY:** Demonstrated through a measurable number of activities

**SCOPE & INTENSITY:** Demonstrated through a rigorous approach to an appropriate and purposeful range of activities

**TIMING:** Demonstrated through engagement efforts beyond simple solicitation, initiated early in the process

**BUSINESS DEVELOPMENT INITIATIVES:** Demonstrated by efforts to support business growth and health of DBEs

### Rating Scale

- Each qualifying activity is worth 5 points per Category
- Documented efforts must receive 55 points or more to qualify for Phase 2 GFE evaluation
  - Pro Forma efforts= 0-50 points  
Perfunctory effort characterized by routine or superficial activities
  - Bona Fide= 55+ points  
Genuine effort characterized by sincere and earnest activities

## GFE EVALUATION – PHASE 2

### DBE Office completes:

- Review of quote comparisons submitted by Prime
- Bid analysis to confirm is any bid submitted met the DBE goal
- Team review of combined efforts documented in Phase 1 and 2 by apparent low bidder

## **APPENDIX E**

### **Good Faith Effort Best Practices**

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 be thorough 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 F**

### **Good Faith Effort Evaluation Guidance**

*Appendix A of 49 CFR Part 26*

I. When, as a recipient, you establish a contract goal on a DOT-assisted contract for procuring construction, equipment, services, or any other purpose, a bidder must, in order to be responsible and/or responsive, make sufficient good faith efforts to meet the goal. The bidder can meet this requirement in either of two ways. First, the bidder can meet the goal, documenting commitments for participation by DBE firms sufficient for this purpose. Second, even if it doesn't meet the goal, the bidder can document adequate good faith efforts. This means that the bidder must show that it took all necessary and reasonable steps to achieve a DBE goal or other requirement of this part which, by their scope, intensity, and appropriateness to the objective, could reasonably be expected to obtain sufficient DBE participation, even if they were not fully successful.

II. In any situation in which you have established a contract goal, Part 26 requires you to use the good faith efforts mechanism of this part. As a recipient, you have the responsibility to make a fair and reasonable judgment whether a bidder that did not meet the goal made adequate good faith efforts. It is important for you to consider the quality, quantity, and intensity of the different kinds of efforts that the bidder has made, based on the regulations and the guidance in this Appendix.

The efforts employed by the bidder should be those that one could reasonably expect a bidder to take if the bidder were actively and aggressively trying to obtain DBE participation sufficient to meet the DBE contract goal. Mere pro forma efforts are not good faith efforts to meet the DBE contract requirements. We emphasize, however, that your determination concerning the sufficiency of the firm's good faith efforts is a judgment call. Determinations should not be made using quantitative formulas.

III. The department also strongly cautions you against requiring that a bidder meet a contract goal (i.e., obtain a specified amount of DBE participation) in order to be awarded a contract, even though the bidder makes an adequate good faith efforts showing. This rule specifically prohibits you from ignoring bona fide good faith efforts.

IV. The following is a list of types of actions which you should consider as part of the bidder's good faith efforts to obtain DBE participation. It is not intended to be a mandatory checklist, nor is it intended to be exclusive or exhaustive. Other factors or types of efforts may be relevant in appropriate cases.

A. (1) Conducting market research to identify small business contractors and suppliers and soliciting through all reasonable and available means the interest of all certified DBEs that have the capability to perform the work of the contract. This may include attendance at pre-bid and business matchmaking meetings and events, advertising and/or written notices, posting of Notices of Sources Sought and/or Requests for Proposals, written notices or emails to all DBEs listed in the State's directory of transportation firms that specialize in the areas of work desired (as noted in the DBE directory) and which are located in the area or surrounding areas of the project.

(2) The bidder should solicit this interest as early in the acquisition process as practicable to allow the DBEs to respond to the solicitation and submit a timely offer for the subcontract. The bidder should determine with certainty if the DBEs are interested by taking appropriate steps to follow up initial solicitations.

B. Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically

feasible units (for example, smaller tasks or quantities) to facilitate DBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces. This may include, where possible, establishing flexible timeframes for performance and delivery schedules in a manner that encourages and facilitates DBE participation.

C. Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation with their offer for the subcontract.

D. (1) Negotiating in good faith with interested DBEs. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional Agreements could not be reached for DBEs to perform the work.

(2) A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a prime contractor to perform the work of a contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Prime contractors are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.

E. (1) Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The contractor's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union status) are not legitimate causes for the rejection or non-solicitation of bids in the contractor's efforts to meet the project goal. Another practice considered an insufficient good faith effort is the rejection of the DBE because its quotation for the work was not the lowest received. However, nothing in this paragraph shall be construed to require the bidder or prime contractor to accept unreasonable quotes in order to satisfy contract goals.

(2) A prime contractor's inability to find a replacement DBE at the original price is not alone sufficient to support a finding that good faith efforts have been made to replace the original DBE. The fact that the contractor has the ability and/or desire to perform the contract work with its own forces does not relieve the contractor of the obligation to make good faith efforts to find a replacement DBE, and it is not a sound basis for rejecting a prospective replacement DBE's reasonable quote.

F. Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or contractor.

G. Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.

H. Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, State, and Federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs.

V. In determining whether a bidder has made good faith efforts, it is essential to scrutinize its documented efforts. At a minimum, you must review the performance of other bidders in meeting the contract goal. For example, when the apparent successful bidder fails to meet the contract goal, but others meet it, you may reasonably raise the question of whether, with additional efforts, the apparent successful bidder could have met the goal. If the apparent successful bidder fails to meet the goal, but meets or exceeds the average DBE participation obtained by other bidders, you may view this, in conjunction with other factors, as evidence of the apparent successful bidder having made good faith efforts. As provided in §26.53(b)(2)(vi), you must also require the contractor to submit copies of each DBE and non-DBE subcontractor quote submitted to the bidder when a non-DBE subcontractor was selected over a DBE for work on the contract to review whether DBE prices were substantially higher; and contact the DBEs listed on a contractor's solicitation to inquire as to whether they were contacted by the prime. Pro forma mailings to DBEs requesting bids are not alone sufficient to satisfy good faith efforts under the rule.

VI. A promise to use DBEs after contract award is not considered to be responsive to the contract solicitation or to constitute good faith efforts.

[79 FR 59600, Oct. 2, 2014]

## APPENDIX G (SAMPLE) Forms DT1506 and DT1202

**COMMITMENT TO SUBCONTRACT TO DBE**

Wisconsin Department of Transportation

DT1506 6/2020 s.84.06(2) Wis. Stats.

Project(s):

Prime Contractor:   
 County:

Letting Date:

This contract requires that a specified percentage of the work be subcontracted to a disadvantaged business enterprise and that this information be submitted as described in ASP-3. Completion of the following information indicates your intent in the fulfillment of these contract requirements.

Total Value of Prime Contract:   
 DBE Contract Goal %:   
 DBE Contract Goal \$: \$

**Goal met**

This form must be completed and returned for **THIS** contract. See reverse side for instructions.

A	V	NAME OF DBE SUBCONTRACTOR	TYPE OF WORK	SUBCONTRACT \$ VALUE	Government Use Only Adjusted Amounts									
		SUBTOTAL DBE \$ VALUE	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">A (\$)</td> <td style="width: 5%;">\$</td> <td style="width: 10%; text-align: center;">-</td> <td style="width: 10%;">TOTAL %</td> <td style="width: 10%;">#DIV/0!</td> </tr> <tr> <td>V (\$)</td> <td>\$</td> <td style="text-align: center;">-</td> <td>TOTAL %</td> <td>#DIV/0!</td> </tr> </table>	A (\$)	\$	-	TOTAL %	#DIV/0!	V (\$)	\$	-	TOTAL %	#DIV/0!	
A (\$)	\$	-	TOTAL %	#DIV/0!										
V (\$)	\$	-	TOTAL %	#DIV/0!										

A	V	NAME OF DBE SUPPLIER AND/OR MANUFACTURER (see #3 on Instructions)	TYPE OF MATERIAL	SUBCONTRACT \$ VALUE	Government Use Only Adjusted Amounts									
		SUBTOTAL DBE \$ VALUE	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">A (\$)</td> <td style="width: 5%;">\$</td> <td style="width: 10%; text-align: center;">-</td> <td style="width: 10%;">TOTAL %</td> <td style="width: 10%;">#DIV/0!</td> </tr> <tr> <td>V (\$)</td> <td>\$</td> <td style="text-align: center;">-</td> <td>TOTAL %</td> <td>#DIV/0!</td> </tr> </table>	A (\$)	\$	-	TOTAL %	#DIV/0!	V (\$)	\$	-	TOTAL %	#DIV/0!	
A (\$)	\$	-	TOTAL %	#DIV/0!										
V (\$)	\$	-	TOTAL %	#DIV/0!										

A	V	NAME OF DBE TRUCKING FIRM	MATERIAL HAULED	EST. # OF TON/C.Y.	EST. # OF TRUCKS REQ'D	\$ VALUE	Government Use Only Adjusted Amounts												
					O=    L=														
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		SUBTOTAL DBE \$ VALUE	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">A (\$)</td> <td style="width: 5%;">\$</td> <td style="width: 10%; text-align: center;">-</td> <td style="width: 10%;">TOTAL %</td> <td style="width: 10%;">#DIV/0!</td> </tr> <tr> <td>V (\$)</td> <td>\$</td> <td style="text-align: center;">-</td> <td>TOTAL %</td> <td>#DIV/0!</td> </tr> </table>	A (\$)	\$	-	TOTAL %	#DIV/0!	V (\$)	\$	-	TOTAL %	#DIV/0!						
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		GRAND TOTAL DBE \$ VALUE	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">A (\$)</td> <td style="width: 5%;">\$</td> <td style="width: 10%; text-align: center;">-</td> <td style="width: 10%;">TOTAL %</td> <td style="width: 10%;">#DIV/0!</td> </tr> <tr> <td>V (\$)</td> <td>\$</td> <td style="text-align: center;">-</td> <td>TOTAL %</td> <td>#DIV/0!</td> </tr> <tr> <td>T =</td> <td>\$</td> <td style="text-align: center;">-</td> <td>TOTAL %</td> <td>#DIV/0!</td> </tr> </table>	A (\$)	\$	-	TOTAL %	#DIV/0!	V (\$)	\$	-	TOTAL %	#DIV/0!	T =	\$	-	TOTAL %	#DIV/0!	
A (\$)	\$	-	TOTAL %	#DIV/0!															
V (\$)	\$	-	TOTAL %	#DIV/0!															
T =	\$	-	TOTAL %	#DIV/0!															

I certify that arrangements have been made for the foregoing work with the listed DBE Contractors. I further understand that any willful falsification, fraudulent statement or misrepresentation will result in appropriate sanctions, which may include debarment and/or prosecution under applicable State (Trans 504) and Federal laws.

O = Owned Trucks Used on Project L = Leased Trucks Used on Project	Government Use Only Approved Amounts	<input checked="" type="checkbox"/>										
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">A</td> <td style="width: 5%;">\$</td> <td style="width: 10%;"></td> <td style="width: 10%;">%</td> <td style="width: 10%;"></td> </tr> <tr> <td>V</td> <td>\$</td> <td></td> <td>%</td> <td></td> </tr> </table>	A	\$		%		V	\$		%		(Authorized Agent)  Date
A	\$		%									
V	\$		%									
A = Assigned (DBE Conscious) V = Voluntary (DBE Neutral)	Total \$ <span style="border: 1px solid black; display: inline-block; width: 50px; height: 15px;"></span> % <span style="border: 1px solid black; display: inline-block; width: 50px; height: 15px;"></span>	Preferred submission method: DBE_Alert@dot.wi.gov Or: Mail to: Wisconsin Department of Transportation DBE Programs Office, 5th Floor PO Box 7986 Madison, WI 53707-7986										
	Signature: <span style="border: 1px solid black; display: inline-block; width: 150px; height: 15px;"></span> Date: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>											
	DBE goal waiver granted: <input type="checkbox"/> Yes <input type="checkbox"/> No											
Proposal Number : <span style="border: 1px solid black; display: inline-block; width: 50px; height: 15px;"></span>												

### Instructions For Completing Commitment To Subcontract To DBE Form:

- 1 In accordance with the DBE Regulations (49 CFR part 26), WisDOT is tracking Assigned Goals for DBE's (DBE Conscious) and Voluntary Usage of DBE Firms (DBE Neutral). DBE participation reported on this form will be used to periodically adjust (DBE Conscious and DBE Neutral) components of WisDOT's overall annual DBE goal.
- 2 For each DBE firm listed on this form, place an "x" in the appropriate column to indicate whether it will be used to meet the Assigned Goal (A) and/or whether it is used on a Voluntary basis (V). Any achievement above assigned goals should be reported as a voluntary achievement. If you indicate that a firm will be used to meet both assigned and voluntary goals, indicate the dollar amount attributable to assigned goals and the amount attributable to the voluntary goal. Our objective is to capture all DBE achievement you generate. The following is an example:
  - a. The total contract amount is \$100,000 and the DBE goal is 10% or \$10,000 in DBE participation
  - b. If \$10,000 is the subcontract dollar value to ADBE Landscaping Co. then \$10,000 would be Assigned (DBE Conscious) and you would place an "x" in the "A" column
  - c. If \$15,000 is the subcontract dollar value to ADBE Landscaping Co. then \$10,000 would be Assigned (DBE Conscious) and you would place an "x" in the "A" column and ADBE Landscaping Co. would be listed on the next line for \$5,000 which would be Voluntary (DBE Neutral) and an "x" would be placed in the "V" column
- 3 The department will give full credit toward the DBE goal if the DBE is a manufacturer of their materials or supplies. The department will give 60 percent credit or brokerage fee set by industry's standard toward the DBE goal if the DBE is merely a supplier of these materials or supplies. Drop shipment by a supplier will earn a 10 percent DBE credit. It is the Prime Contractor's responsibility to use the Bidder's List or UCP Directory to find out if the DBE is considered a supplier or a manufacturer before listing them on Commitment to Subcontract to DBE form. WisDOT will apply the appropriate credit when approving the form.
- 4 After completing the form, if it does not indicate that the DBE goal has been met or exceeded, please complete and supply the necessary documentation on the Documentation of Good Faith Effort form (DT1202)

### Instructions For Completing Attachment A Form:

- 5 Section 26.53 (49 CFR part 26) requires written confirmation of participation from each DBE firm to be used on the contract. Please submit one copy of a completed Attachment A, Confirmation of Participation form, for each DBE firm to be used on this contract. Each form must be signed by the Prime Contractor, the hiring contractor (if applicable) and the DBE Firm specified on the form.
- 6 DBE crediting for the trucking industry is achieved in the following manner:
  - a. A minimum of one truck owned by the DBE must be used on the contract.
  - b. Full DBE credit is given for owned trucks and trucks leased from another DBE.
  - c. Trucks leased from non-DBE firms will be given DBE credit of 10% of the subcontract value.
  - d. All trucks used for credit must be listed and approved on the DBE firm's Schedule of Owned/Leased Vehicles for DBE Credit and/or a WisDOT approved trucking utilization plan.

It is the Prime Contractor's and the DBE firm's responsibility to ensure that utilization of trucks and the DBE credit earned is in accordance with the above and will yield the subcontract dollar value listed on the Commitment to Subcontract to DBE form.

Please submit documents to: [DBE\\_Alert@dot.wi.gov](mailto:DBE_Alert@dot.wi.gov)

Identify Project#, Proposal#, Let date, Business Name, DT1506 and/or Attachment A in the **email subject line.**

If you have questions about filling out these forms, please contact the Civil Rights and Compliance Office at (608) 266-0503.

CONFIRMATION OF PARTICIPATION			
Project I.D.:		Proposal Number:	
Letting Date:		Total \$ Value of Prime Contract:	
Name of DBE Firm Participating in this Contract:			
Name of the Prime/Subcontractor who hired the DBE Firm: <i>(list all names of tiers if more than one)</i>			
Type of Work or Type of Material Supplied:			
Total Subcontract Value:			
<b>FOR PRIME CONTRACTORS ONLY:</b> I certify that I made arrangements with the participating DBE firm to perform the type of work listed or supply the material indicated above for the subcontract value listed above.		Prime Contractor Representative's Signature	
		Prime Contractor Representative's Name (Print Name)	
		Prime Contractor (Print Company Name)	
		Date	
<b>FOR PARTICIPATING DBE FIRMS ONLY:</b> I certify that I made arrangements with the Prime Contractor or the Hiring Contractor to perform the type of work or supply the material indicated above for the subcontract value listed above.		Participating DBE Firm Representative's Signature	
		Participating DBE Firm Representative's Name (Print Name)	
		Participating DBE Firm (Print Company Name)	
		Date	
<b>FOR DBE TRUCKING FIRMS ONLY:</b> I certify that I will utilize, for DBE credit, only trucks listed on my WisDOT approved Schedule of Owned/Leased Vehicles for DBE Credit form and I will be utilizing the number of trucks and material hauled as listed below.			
<b># Owned Trucks</b>	<b># Leased Trucks</b>	<b># Estimated Tons/C.Y.</b>	<b>Material(s) Hauled</b>

Official Form DT1506 can be found here: [www.wisconsin.gov/DBEcontracting](http://www.wisconsin.gov/DBEcontracting)



**DOCUMENTATION OF GOOD FAITH EFFORT**  
 Wisconsin Department of Transportation  
 DT1202 3/2020

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

All bidders must undertake necessary and reasonable steps to achieve the assigned DBE contract goal per federal regulatory guidance at 49 CFR Part 26. Bidders use this form to document all efforts employed to meet the assigned goal as a record of contractor good faith efforts (GFE). Refer to ASP3 or 49 CFR Part 26 for guidance on actions that demonstrate good faith effort.

It is critical to list all efforts, attach documentation, and follow the instructions to complete this submission. Documentation of good faith effort includes copies of each DBE and non-DBE subcontractor quote submitted to the bidder for the same line items. Utilize the sample documentation logs to document and organize efforts.

Submit good faith effort documentation per ASP-3 guidelines

**Instructions:** Provide a narrative description of all activities pursued to demonstrate good faith efforts, any corresponding documentation, and applicable explanation on separate pages. Include the following items organized in the order listed below:

**1. Solicitation Documentation:**

- a. **Purpose:** To identify all reasonable and available activities the bidder performed to solicit the interest of all certified DBEs who have the capacity and ability to perform work on the project. All solicitation efforts should begin as early as possible to ensure DBEs have ample time to respond and ask questions.
- b. **Action:** Identify and list all activities engaged in to solicit DBEs using all reasonable and available means such as written notice and follow-up communications, substantive conversations, pre-bid meetings, networking events, market research, advertising.

**2. Selected Work Items Documentation:**

- a. **Purpose:** To ensure that all work items are broken out into economically feasible units to facilitate DBE participation. This must occur even when you prefer to perform the work yourself.
- b. **Action:** Identify economically feasible work units to be performed by DBEs to include activities such as: list of work items to be performed; breaking up of large work items into smaller tasks or quantities; flexible time frames for performance and delivery schedules.

**3. Documentation of Project Information provided to Interested DBEs:**

- a. **Purpose:** To provide interested DBEs with adequate information about the plans, specifications, and any other contractual requirements in a timely manner to assist DBEs in response to solicitation.
- b. **Action:** Provide DBEs access to plans, specifications, and other contract requirements. Early solicitation allows ample opportunity to provide project information, links to Let advertisements, and substantive engagement with DBEs.

**4. → Documentation of Negotiation with Interested DBEs:**

**a. → Purpose:** To ensure that negotiations with interested DBEs were made in good faith providing evidence as to why agreements could not be reached for DBEs to perform work.

**b. → Action:** Provide sufficient evidence to demonstrate that good faith negotiations took place. Merely sending out solicitations requesting bids from DBEs does not constitute sufficient good faith efforts. A bidder using good business judgment considers a number of factors in negotiating with all subcontractors, and the firm's price and capabilities in addition to contract goals are taken into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for failing to meet the DBE goal as long as costs are reasonable. (see 49 CFR Part 26 Appendix A)

**5. → Documentation of Sound Reason for Rejecting DBEs:**

**a. → Purpose:** To ensure that bidders avoid rejecting DBEs as unqualified without sound reasons. Reasons for rejection must be based on thorough investigation of DBE capabilities.

**b. → Action:** Provide sufficient evidence to demonstrate that DBE was rejected for sound reasons such as past performance, relevant business experience and stability, safety record, business ethic and integrity, technical capacity, other tangible factors.

**6. → Documentation of Assistance to Interested DBEs - Bonding, Credit, Insurance, Equipment, Supplies/Materials:**

**a. → Purpose:** To assist interested DBEs in obtaining bonds, lines of credit, insurance, equipment, supplies, materials, and other assistance or services.

**b. → Action:** Assist interested DBEs in obtaining bonding, lines of credit or insurance, and provide technical assistance or information related to plans, specifications, and project requirements. Assist DBEs in obtaining equipment, supplies, materials or other services related to meeting project requirements (excluding supplies or equipment the DBE purchases from the prime).

**7. → Documentation of outreach to Minority, Women, and Community Organizations and other DBE Business Development Support:**

**a. → Purpose:** To effectively use the services of minority, women, and community organizations as well as contractors' groups, local, state, and federal business assistance offices and organization that provide assistance in recruiting and supporting DBEs, as well as participation in activities that support DBE business development.

**b. → Action:** Contact organizations and agencies for assistance in contacting, recruiting, and providing support to DBE subcontractors, suppliers, manufacturers, and truckers at least 14 days before bid opening. Participate in or host activities such as networking events, mentor-protégé programs, small business development workshops, and others consistent with DBE support.



Return to:  
Wisconsin Department of Transportation  
DBE Program Office  
PO Box 7965  
Madison, WI 53707-7965  
DBE\_Alert@dot.wi.gov

I certify that I have utilized comprehensive good faith efforts to solicit and utilize DBE firms to meet the DBE participation requirements of this contract proposal, as demonstrated by my responses and as specified in Additional Special Provision 3 (ASP-3).

I certify that the information given in the Documentation of Good Faith Efforts is true and correct to the best of my knowledge and belief.

I further understand that any willful falsification, fraudulent statement, or misrepresentation will result in appropriate sanctions, which may involve debarment and/or prosecution under applicable state (Trans 504) and Federal laws.

		(Bidder/Authorized Representative Signature)
	*****	(Print Name)
	*****	(Title)

### Good-Faith-Effort--Sample-Documentation-Logs

The sample logs below are provided as guides rather than exhaustive list. See ASP3, Appendix A for additional examples of demonstrable good faith efforts. Attach documentation for each activity listed.

Acceptable forms of documentation include copies of solicitations sent to DBEs, notes from substantive conversations and negotiations with DBEs, copies of advertisements placed, email communications, all quotes received from DBEs and from all subcontractors who were considered alongside DBE quotes, proof of attendance at applicable networking events; flyers for events or workshops for DBEs offered by the prime, and other physical records of good faith efforts activities.

#### SOLICITATION LOG

Date	Activity	Name of DBE Solicited	Follow-up
4/1/2020	Sent May Let solicitation	Winterland Electric	Spoke with Mark Winterland on 4/15/20 to ask if he would quote.

#### SELECTED WORK ITEMS SOLICITED LOG

Work Type	DBE Firm	Contact Person	Date	Contact Mode
Pavement Marking	ABC Marking	Leslie Lynch	4/1/2020	Email; phone
	#1 Marking Co.	Mark Smart	4/1/2020	Email; left VM
Electrical	Winterland Electric	Tabitha Tinker	4/3/2020	Email; left VM
	Superstar Wiring	Jose Huascar	4/3/2020	Email; phone

#### INFORMATION PROVIDED LOG

Request Date	DBE Firm	Information Requested & Provided	Response Date
4/1/2020	Winterland Electric	Requested info on electrical requirements; provided plan and link to specs	4/3/2020
4/21/2020	Absolute Construction	Wanted to know how and when supplies are paid for by WisDOT; referred to spec that covers stockpiling	4/21/2020

#### NEGOTIATIONS LOG

Date	DBE Firm	Contact Name	Work Type	Quotes Rec'd?	Considered for project?	If not selected, why?
4/12/2020	ABC Landscape	John Dean	Erosion Control	Yes	No	Cannot perform all items
4/17/2020	Wild Ferns	Sandy Lynn	Erosion Control	Yes	Yes	
4/20/2020	#1 Marking	Mark Smart	Electrical	Yes	Yes	

#### ASSISTANCE LOG

Date	DBE Firm	Contact Person	Assistance Provided
4/1/2020	ABC Sawing	Jackie Swiggle	Informed DBE on how to obtain bonding
4/17/2020	Supreme Construction	Winston Walters	Provided contact for wholesale supply purchase

#### OUTREACH & BUSINESS DEVELOPMENT LOG

Date	Agency/Organization Contacted	Contact Person	Assistance Requested
4/1/2020	Women in Construction	LaTonya Klein	Contact information for woman-owned suppliers
4/28/2020	WBIC	Sam Smith	Asked for information to provide to DBE regarding financing programs through WBIC

Official Form DT1202 can be found here: [www.wisconsin.gov/DBEcontracting](http://www.wisconsin.gov/DBEcontracting)

## **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 Provision 6**  
**ASP 6 - Modifications to the standard specifications**

*Make the following revisions to the standard specifications:*

**102.1 Prequalifying Bidders**

*Replace paragraph two with the following effective with the October 2020 letting:*

- (2) Furnish a dated prequalification statement on the department's form at least 10 business days before the time set for the letting to close.

**102.6 Preparing the Proposal**

*Replace the entire text with the following effective with the October 2020 letting:*

**102.6.1 General**

- (1) Submit completed proposals on the department's bidding proposal described in 102.2. Submit legible information only. Write everything in ink, by typewriter, or by computer-controlled printer. Provide all dollar amounts in dollars and cents, in numerals. Attach all addenda to the submitted proposal.
- (2) Properly execute the proposal. Place the required signatures, in ink, in the space provided on the bidding proposal as indicated below:

ENTITY SUBMITTING PROPOSAL

REQUIRED SIGNATURE

<b>Individual</b>	The individual or a duly authorized agent.
<b>Partnership</b>	A partner or a duly authorized agent.
<b>Joint venture</b>	A member or a duly authorized agent of at least one of the joint venture firms.
<b>Corporation</b>	An authorized officer or duly authorized agent of the corporation. Also show the name of the state chartering that corporation and affix the corporate seal.
<b>Limited liability company</b>	A manager, a member, or a duly authorized agent.

- (3) Instead of using the schedule of items provided on the department's bidding proposal, the bidder may submit a substitute schedule with the proposal. Use a format for the substitute schedule conforming to the department's guidelines for approval of a bidder-generated schedule of items. Obtain the department's written approval before using a substitute schedule.
- (4) Provide a unit price for each bid item listed in the schedule of items. Calculate and show, in the bid amount column, the products of the respective unit prices and quantities. For a lump sum bid item, show the same price in the unit price column and in the bid amount column pertaining to that bid item. Show the total bid obtained by adding the values entered in the bid amount column for the listed bid items.
- (5) If a unit price or lump sum bid already entered in the proposal needs to be altered, cross out the entered unit price or lump sum bid with ink or typewriter and enter the new price above or below and initial it in ink.
- (6) A change that the bidder makes in the proposal is not an alteration if the bidder makes that change as directed in a specific instruction contained in an addendum.

**102.6.2 Disadvantaged Business Enterprise (DBE) Commitment**

- (1) Before the letting is closed, submit the following documentation for proposals with a DBE goal:
1. Commitment to subcontract to DBE on department form DT1506.
  2. Attachment A for each subcontractor listed on the DT1506.
  3. If the DBE goal is not attained, certificate of good faith efforts on department form DT1202.
- (2) Within 24 hours after the letting is closed, email all supplemental documentation for the DT1202 verifying efforts made to attain the DBE goal to DBE\_Alert@dot.wi.gov.

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**102.7.2 Department May Reject**

Replace paragraph one with the following effective with the October 2020 letting:

- (1) Proposals are irregular and the department may reject them for one or more of the following reasons:
    1. The proposal contains unauthorized alterations of format, words, or figures.
    2. The schedule of items contains errors, alterations, or omissions in, bid item numbers, quantities, descriptions, or units of measure, that cannot be corrected as specified in 102.7.1.
    3. The proposal is not prepared as specified in 102.6.
    4. There are unauthorized alterations, additions, conditional or alternate bids, amendments, attachments, or irregularities that may tend to make the proposal incomplete, indefinite, or ambiguous as to its meaning.
    5. There are unauthorized erasures or alterations appearing on the designation of the party to whom the department issued the bidding proposal.
    6. The award of the bid, together with the value of the bidder's uncompleted contract work, exceeds the bidder's established ratings, as determined in 102.1, at the time set for awarding the work.
    7. A single entity, under the same or different names, or affiliated entities submit more than one proposal for the same work. The submitting entity may be an individual, partnership, joint venture, corporation, or limited liability company.
    8. Does not submit the DBE forms and required supplemental documentation of the good faith efforts as specified in 102.6.2.
- 

**102.12 Public Opening of Proposals**

Replace paragraph one with the following effective with the October 2020 letting:

- (1) The letting will close at the time and place indicated in the notice to contractors. The department will publicly open and post the total bid for each proposal on the Bid Express web site beginning at noon on the day after the letting is closed except as specified in 102.7.3 and 102.8. If a proposal has no total bid shown, the department will not post the bid. After verification for accuracy under 103.1, the department will post bid totals on the HCCI web site.

<https://wisconsin.gov/Pages/doing-business/contractors/hcci/bid-let.aspx>

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**103.1 Consideration of Proposals**

Replace paragraph one with the following effective with the October 2020 letting:

- (1) Following the public opening of the proposals received, the department will compare them based on the summation of the products of the quantities of work listed and the contract unit prices offered. In case of discrepancies, errors, or omissions, the department will make corrections as specified in 102.7.1. In awarding contracts, the department, in addition to considering the amounts stated in the proposals, may consider one or more of the following:
    1. The responsibility of the various bidders as determined from a study of the data required under 102.1.
    2. The responsiveness of the bid as determined under 102.6.
    3. Information from other investigations that the department may make.
- 

**107.17.1 General**

Replace paragraph four with the following effective with the November 2020 letting:

- (4) Comply with the railroad's rules and regulations regarding operations on or near the railroad right-of-way as follows:
  - When working on the railroad right-of-way.
  - When working within 25 feet of the track centerline or adjacent facilities, including equipment or extensions of equipment that can fall within 25 feet of the track centerline or adjacent facilities.

If the railroad's chief engineering officer requires, arrange with the railroad to obtain the services of qualified railroad employees to protect railroad traffic through the work area. Bear the cost of these services and pay the railroad directly. Notify the railroad's representative, specified in the project special provisions, in writing at least 40 business days before starting work near a track. Provide the specific time planned to start the operations.

**450.2.1 Acronyms and Definitions**

*Add the following definitions to 450.2.1(2) effective with the November 2020 letting:*

- Butt Joint** A transverse joint between existing and newly paved surfaces, formed by milling or sawing a vertical notch into the existing surface and then paving against the notch.
- Echelon Paving** Paving two or more adjacent lanes with adjacent pavers offset from each other by 200 feet or less.
- Notched Wedge Joint** A longitudinal joint consisting of a wedge placed at the edge of the initially paved lane with an overlapping wedge placed on the subsequent lane.
- Tandem Paving** Paving two or more adjacent lanes with adjacent pavers offset from each other by more than 200 feet.
- Vertical Joint** A longitudinal joint between 2 paved lanes with a vertical or nearly vertical interface between the adjacent mats.

**450.3.2.8 Jointing**

*Replace paragraph two with the following with the November 2020 letting:*

- (2) Where placing against existing HMA pavement, saw or mill the existing mat to form a full-depth joint.

*Replace paragraphs five and six with the following effective with the November 2020 letting:*

- (5) At the prepave meeting, submit documentation to the engineer that includes the brand name and model of each extruding and compacting device proposed for notched wedge joint construction. Alternatively, submit pictures of fabricated wedging and compacting devices. Do not use devices before engineer approval.
- (6) For notched wedge joints, construct and shape the wedge for each layer using the engineer-approved extruding device and compacting device that will provide a uniform slope and will not restrict the main screed. Compact the wedge with a weighted roller wheel or vibratory plate compactor the same width as the wedge. Clean and apply tack coat to the wedge surface and both notches before placing the adjacent lane.
- (7) For butt and vertical joints, clean and apply tack coat to promote bonding and seal the joint.
- (8) If paving in echelon, the contractor may use a vertical or notched wedge joint. Joints paved in echelon need not be tack coated.

**460.2.2.3 Aggregate Gradation Master Range**

*Replace table 460-1 with the following effective with the November 2020 letting:*

**TABLE 460-1 AGGREGATE GRADATION MASTER RANGE AND VMA REQUIREMENTS**

SIEVE	PERCENT PASSING DESIGNATED SIEVES							
	NOMINAL SIZE							
	No. 1 (37.5 mm)	No. 2 (25.0 mm)	No.3 (19.0 mm)	No. 4 (12.5 mm)	No. 5 (9.5 mm)	No. 6 (4.75 mm)	SMA No. 4 (12.5 mm)	SMA No. 5 (9.5 mm)
50.0-mm	100							
37.5-mm	90 - 100	100						
25.0-mm	90 max	90 - 100	100					
19.0-mm	___	90 max	90 - 100	100			100	
12.5-mm	___	___	90 max	90 - 100	100		90 - 97	100
9.5-mm	___	___	___	90 max	90 - 100	100	58 - 80	90 - 100
4.75-mm	___	___	___	___	90 max	90 - 100	25 - 35	35 - 45
2.36-mm	15 - 41	19 - 45	23 - 49	28 - 58	32 - 67	90 max	15 - 25	18 - 28
1.18-mm	___	___	___	___	___	30 - 55	___	___
0.60-mm	___	___	___	___	___	___	18 max	18 max
0.075-mm	0 - 6.0	1.0 - 7.0	2.0 - 8.0	2.0 - 10.0	2.0 - 10.0	6.0 - 13.0	8.0 - 11.0	8.0 - 12.0
% VMA	11.0 min	12.0 min	13.0 min	14.0 min <sup>[1]</sup>	15.0 min <sup>[2]</sup>	16.0 - 17.5	16.0 min	17.0 min

<sup>[1]</sup> 14.5 for LT and MT mixes.

<sup>[2]</sup> 15.5 for LT and MT mixes.

**532.2.1 General**

Replace paragraph one with the following effective with the November 2020 letting:

- (1) Furnish structural steel conforming to ASTM as follows:
- <= 1/2 inch thick structural tube and pipe ..... ASTM A500 grade C
  - > 1/2 inch thick structural tube and pipe ..... API 5L PSL 2 grade 46 or ASTM 1085
  - Tapered vertical supports ..... ASTM A595 grade A or ASTM A572 grade 55
  - Multi-sided or greater than 26-inch diameter round tapered poles ..... ASTM A572 grade 65
  - Structural angles and plates ..... ASTM A709 grade 36

**532.3.8 Acceptance and Inspection**

Add the following new subsection effective with the November 2020 letting:

**532.3.8 Acceptance and Inspection**

- (1) Demonstrate to the engineer that electrical and mechanical systems for each high mast tower installation are fully operational. The department will not accept an installation until the engineer is satisfied that it functions properly.
- (2) Inspect completed "S" or "L" designated structures before opening to public traffic conforming to the BOS structure inspection manual part 4 for sign, signal, and high mast towers available at:
- <https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/strct/inspection-manual.aspx>
- Ensure that a department-certified active team leader for sign/signal inspections, listed on the department's highway structures information system (HSIS) website, performs inspections. Conform to the following:
- Notify the engineer at least 5 business days before inspection.
  - Ensure that the team leader performing inspections submits the signed inspection reports and provides punch list items as maintenance items in the inspection report to the engineer within one business day after completing each inspection. Submit that signed final inspection report to the engineer and HSIS at:
- <https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/strct/hsi.aspx>
- Notify the engineer and region ancillary structure project manager upon completion of the punch list items.

**550.2.1 Steel Piles and Pile Shells**

Replace paragraph three with the following:

- (3) For steel pipe sections and steel pile shells for cast-in-place concrete piles, use ASTM A252 grade 3 steel.

**710.2 Small Quantities**

Replace paragraph one with the following effective with the November 2020 letting:

- (1) For contracts with only small quantities of material subject to testing, as defined under specific contract QMP provisions, modify the requirements of 710 as follows:
1. The contractor may submit an abbreviated quality control plan as allowed in 701.1.2.3.
  2. The engineer may accept aggregate based on documented previous testing and non-random start-up gradation testing as allowed in 710.5.6.1.

**710.5.6 Aggregate Testing**

Replace the entire text with the following effective with the November 2020 letting:

**710.5.6.1 General**

- (1) Test aggregate gradations during concrete production. The department will accept non-random start-up testing during concrete production for the following:
- Small quantities, as defined in 715.1.1.2, of class I concrete placed under 715.
  - Less than 400 cubic yards of class II ancillary concrete placed under the contract.

**710.5.6.2 Gradation Testing During Concrete Production**

- (1) Test aggregate gradation during concrete production batching either at a central mix batch plant or at a ready mix plant. The contractor's concrete production QC tests can be used for the same mix design on multiple contracts.
- (2) Conform to combined gradation limits submitted in the contractor's quality control plan. Determine the complete gradation using a washed analysis for both fine and coarse aggregates. Report results for the 1/2", 1", 3/4", 1/2", 3/8", #4, #8, #16, #30, #50, #100, and #200 sieves.

- (3) Contractor QC testing frequency is based on the cumulative plant production for each mix design across multiple WisDOT contracts.

**TABLE 710-1 PLANT PRODUCTION QC GRADATION TESTING FREQUENCY**

Daily Plant Production Rate for WisDOT Work	Minimum QC Frequency per Stockpile
250 cubic yards or less	one test per cumulative total of 250 cubic yards
more than 250 through 1000 cubic yards	one test per day
more than 1000 cubic yards	two tests per day

- (4) Department QV testing frequency is based on the quantity of each mix design placed under each individual WisDOT contract.

**TABLE 710-2 CONTRACT PLACEMENT QV GRADATION TESTING FREQUENCY**

Anticipated Daily Placement Rate Each WisDOT Contract	Minimum QV Frequency per Stockpile
less than or equal to 1000 cubic yards	one test per 5 days of placement
more than 1000 cubic yards	two tests per 5 days of placement

**716.2.1 Class II Concrete**

*Replace paragraphs four through six with the following effective with the November 2020 letting:*

- (4) Provide concrete with a 28-day compressive strength that equals or exceeds the following:
- If the contract specifies f'c, then f'c.
  - If the contract does not specify f'c, then 3000 psi.



## ERRATA

**460.2.7(1) HMA Mixture Design**

*Correct table 460-2 errata by eliminating plasticity index requirements for LT, MT, and HT mixes.*

**TABLE 460-2 MIXTURE REQUIREMENTS**

Mixture type	LT	MT	HT	SMA
LA Wear (AASHTO T96)				
100 revolutions(max % loss)	13	13	13	13
500 revolutions(max % loss)	50	45	45	35
Soundness (AASHTO T104) (sodium sulfate, max % loss)	12	12	12	12
Freeze/Thaw (AASHTO T103 as modified in CMM 860.2.7) (specified counties, max % loss)	18	18	18	18
Fractured Faces (ASTM D5821 as modified in CMM 860.7.2) (one face/2 face, % by count)	65/___	75 / 60	98 / 90	100/90
Flat & Elongated (ASTM D4791) (max %, by weight)	5 (5:1 ratio)	5 (5:1 ratio)	5 (5:1 ratio)	20 (3:1 ratio)
Fine Aggregate Angularity (AASHTO T304, method A, min)	40 <sup>[1]</sup>	43 <sup>[1]</sup>	45	45
Sand Equivalency (AASHTO T176, min)	40	40 <sup>[2]</sup>	45	50
Clay Lumps and Friable Particle in Aggregate (AASHTO T112)	<= 1%	<= 1%	<= 1%	<= 1%
Plasticity Index of Material Added to Mix Design as Mineral Filler (AASHTO T89/90)				<= 4
Gyratory Compaction				
Gyrations for Nini	6	7	8	7
Gyrations for Ndes	40	75	100	65
Gyrations for Nmax	60	115	160	100
Air Voids, %Va (%Gmm Ndes)	4.0 (96.0)	4.0 (96.0)	4.0 (96.0)	4.5 (95.5)
% Gmm Nini	<= 91.5 <sup>[3]</sup>	<= 89.0 <sup>[3]</sup>	<= 89.0	___
% Gmm Nmax	<= 98.0	<= 98.0	<= 98.0	<= 98.0
Dust to Binder Ratio <sup>[4]</sup> (% passing 0.075/Pbe)	0.6 - 1.2 <sup>[5]</sup>	0.6 - 1.2 <sup>[5]</sup>	0.6 - 1.2 <sup>[5]</sup>	1.2 - 2.0
Voids filled with Binder (VFB or VFA, %)	68 - 80 <sup>[6] [8]</sup>	65 - 75 <sup>[6] [7] [9]</sup>	65 - 75 <sup>[6] [7] [9]</sup>	70 - 80
Tensile Strength Ratio (TSR) (AASHTO T283) <sup>[10] [11]</sup>				
no antistripping additive	0.75 min	0.75 min	0.75 min	0.80 min
with antistripping additive	0.80 min	0.80 min	0.80 min	0.80 min
Draindown (AASHTO T305) (%)	___	___	___	<= 0.30
Minimum Effective Asphalt Content, Pbe (%)	___	___	___	5.5

<sup>[1]</sup> For No 6 (4.75 mm) nominal maximum size mixes, the specified fine aggregate angularity is 43 for LT and 45 MT mixes.

<sup>[2]</sup> For No 6 (4.75 mm) nominal maximum size mixes, the specified sand equivalency is 43 for MT mixes.

<sup>[3]</sup> The percent maximum density at initial compaction is only a guideline.

<sup>[4]</sup> For a gradation that passes below the boundaries of the caution zone (ref. AASHTO M323), the dust to binder ratio limits are 0.6 - 1.6.

<sup>[5]</sup> For No 6 (4.75 mm) nominal maximum size mixes, the specified dust to binder ratio limits are 1.0 - 2.0 for LT mixes and 1.5 - 2.0 for MT and HT mixes.

<sup>[6]</sup> For No. 6 (4.75mm) nominal maximum size mixes, the specified VFB is 67 - 79 percent for LT mixes and 66 - 77 percent for MT and HT mixes.

<sup>[7]</sup> For No. 5 (9.5mm) and No. 4 (12.5 mm) nominal maximum size mixtures, the specified VFB range is 70 - 76 percent.

<sup>[8]</sup> For No. 2 (25.0mm) nominal maximum size mixes, the specified VFB lower limit is 67 percent.

<sup>[9]</sup> For No. 1 (37.5mm) nominal maximum size mixes, the specified VFB lower limit is 67 percent.

<sup>[10]</sup> WisDOT eliminates freeze-thaw conditioning cycles from the TSR test procedure.

<sup>[11]</sup> Run TSR at asphalt content corresponding to 3.0% air void regressed design, or 4.5% air void design for SMA, using distilled water for testing.

**513.2.1(2) General**

Correct errata by changing the CMM reference from 875.2 to 875.4.

- (2) Conform to the department's certification method of acceptance, as defined in CMM 875.4, for railing and railing components. Furnish a certificate of compliance for miscellaneous hardware.
- 

**531.1(1) Description**

Correct errata by adding structural steel sign supports constructed under 635.

- (1) This section describes constructing drilled shaft foundations for the following:
- Overhead sign structures constructed under 532.
  - High mast light towers constructed under 532.
  - Structural steel sign supports constructed under 635.
  - Camera poles constructed under 677.
- 

**635.3.1(1) Structural Steel Sign Supports**

Correct errata by adding "type NS" concrete footings.

- (1) Locate and erect the supports as specified for placement and orientation in 637.3.3.2. Construct Type NS concrete footings conforming to 531.
- 

**654.5(2) Payment**

Correct errata by changing excavating to drilling.

- (2) Payment for the Bases bid items is full compensation for providing concrete bases; for embedded conduit and electrical components; for anchor templates, rods, nuts, and washers; for bar steel reinforcement; and for drilling and backfilling.
-

**ADDITIONAL SPECIAL PROVISION 7**

- A. Reporting 1<sup>st</sup> Tier and DBE Payments During Construction
1. Comply with reporting requirements specified in the department's Civil Rights Compliance, Contractor's User Manual, Sublets and Payments.
  2. Report payments to all DBE firms within 10 calendar days of receipt of a progress payment by the department or a contractor for work performed, materials furnished, or materials stockpiled by a DBE firm. Report the payment as specified in A(1) for all work satisfactorily performed and for all materials furnished or stockpiled.
  3. Report payments to all first tier subcontractor relationships within 10 calendar days of receipt of a progress payment by the department for work performed. Report the payment as specified in A(1) for all work satisfactorily performed.
  4. All tiers shall report payments as necessary to comply with the DBE payment requirement as specified in A(2).
  5. Require all first tier relationships, DBE firms and all other tier relationships necessary to comply with the DBE payment requirement in receipt of a progress payment by contractor to acknowledge receipt of payment as specified in A(1), (2), (3) and (4).
  6. All agreements made by a contractor shall include the provisions in A(1), (2), (3), (4) and (5), and shall be binding on all first tier subcontractor relationships and all contractors and subcontractors utilizing DBE firms on the project.
- B. Costs for conforming to this special provision are incidental to the contract.

NOTE: CRCS Prime Contractor payment is currently not automated and will need to be manually loaded into the Civil Rights Compliance System. Copies of prime contractor payments received (check or ACH) will have to be forwarded to [paul.ndon@dot.wi.gov](mailto:paul.ndon@dot.wi.gov) within 5 days of payment receipt to be logged manually.

\*\*\*Additionally, for information on Subcontractor Sublet assignments, Subcontractor Payments and Payment Tracking, please refer to the CRCS Payment and Sublets manual at:

<https://wisconsin.gov/Documents/doing-bus/civil-rights/labornwage/crcs-payments-sublets-manual.pdf>

## **ADDITIONAL SPECIAL PROVISION 9**

### **Electronic Certified Payroll or Labor Data Submittal**

(1) Use the department's Civil Rights Compliance System (CRCS) to electronically submit certified payroll reports for contracts with federal funds and labor data for contracts with state funds only. Details are available online through the department's highway construction contractor information (HCCI) site on the Labor, Wages, and EEO Information page at:

<https://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/default.aspx>

(2) Ensure that all tiers of subcontractors, including all trucking firms, either submit their weekly certified payroll reports (contracts with federal funds) or labor data (contracts with state funds only) electronically through CRCS. These payrolls or labor data are due within seven calendar days following the close of the payroll period. Every firm providing physical labor towards completing the project is a subcontractor under this special provision.

(3) Upon receipt of contract execution, promptly make all affected firms aware of the requirements under this special provision and arrange for them to receive CRCS training as they are about to begin their submittals. The department will provide training either in a classroom setting at one of our regional offices or by telephone. Contact Paul Ndon at (414) 438-4584 to schedule the training.

(4) The department will reject all paper submittals for information required under this special provision. All costs for conforming to this special provision are incidental to the contract.

(5) Firms wishing to export payroll/labor data from their computer system into CRCS should have their payroll coordinator contact Paul Ndon at [paul.ndon@dot.wi.gov](mailto:paul.ndon@dot.wi.gov). Not every contractor's payroll system is capable of producing export files. For details, see Section 4.8 CPR Auto Submit (Data Mapping) on pages 49-50; 66-71 of the CRCS Payroll Manual at:

<https://wisconsindot.gov/Documents/doing-bus/civil-rights/labornwage/crcs-payroll-manual.pdf>

**REQUIRED CONTRACT PROVISIONS  
FEDERAL-AID CONSTRUCTION CONTRACTS**

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

**ATTACHMENTS**

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

**I. GENERAL**

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

**II. NONDISCRIMINATION**

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

**1. Equal Employment Opportunity:** Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

**2. EEO Officer:** The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

**3. Dissemination of Policy:** All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

**4. Recruitment:** When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

**5. Personnel Actions:** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

**6. Training and Promotion:**

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

**7. Unions:** If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

**8. Reasonable Accommodation for Applicants / Employees with Disabilities:** The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

**9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:** The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

#### **10. Assurance Required by 49 CFR 26.13(b):**

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

**11. Records and Reports:** The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

### III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

### IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

#### 1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or



will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

## 2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

## 3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

#### 4. Apprentices and trainees

##### a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

##### b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

**5. Compliance with Copeland Act requirements.** The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

**6. Subcontracts.** The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

**7. Contract termination: debarment.** A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

**8. Compliance with Davis-Bacon and Related Act requirements.** All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

**9. Disputes concerning labor standards.** Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

**10. Certification of eligibility.**

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

**V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT**

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

**1. Overtime requirements.** No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

**2. Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

**3. Withholding for unpaid wages and liquidated damages.** The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

**4. Subcontracts.** The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

## VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

## VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

## VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

#### **IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

#### **X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

##### **1. Instructions for Certification – First Tier Participants:**

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

\* \* \* \* \*

## **2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:**

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

### **2. Instructions for Certification - Lower Tier Participants:**

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

\* \* \* \* \*

**Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:**

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

\* \* \* \* \*

**XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING**

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS  
PREFERENCE FOR APPALACHIAN DEVELOPMENT  
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS  
ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.



## **Non-discrimination Provisions**

**During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:**

**1. Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, Federal Highway Administration, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

**2. Non-discrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.

**3. Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.

**4. Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the Federal Highway Administration to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the Federal Highway Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

**5. Sanctions for Noncompliance:** In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:

- a. Withholding payments to the contractor under the contract until the contractor complies; and/or
- b. Cancelling, terminating, or suspending a contract, in whole or in part.

**6. Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the Federal Highway Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

**During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:**

**Pertinent Non-Discrimination Authorities:**

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);

- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures Non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of Limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

**SEPTEMBER 2002**

**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE  
EQUAL EMPLOYMENT OPPORTUNITY (EXECUTIVE ORDER 11246)**

1. The Offeror's or Bidder's attention is called to the "Employment Practices" and "Equal Opportunity Clause" set forth in the Required Contract Provisions, FHWA 1273.
2. The goals and timetables for minority and female participation expressed in percentage terms for the contractor's aggregate work force in each trade, on all construction work in the covered area, are as follows:

**Goals for Minority Participation for Each Trade:**

<u>County</u>	<u>%</u>	<u>County</u>	<u>%</u>	<u>County</u>	<u>%</u>
Adams	1.7	Iowa	1.7	Polk	2.2
Ashland	1.2	Iron	1.2	Portage	0.6
Barron	0.6	Jackson	0.6	Price	0.6
Bayfield	1.2	Jefferson	7.0	Racine	8.4
Brown	1.3	Juneau	0.6	Richland	1.7
Buffalo	0.6	Kenosha	3.0	Rock	3.1
Burnett	2.2	Kewaunee	1.0	Rusk	0.6
Calumet	0.9	La Crosse	0.9	St. Croix	2.9
Chippewa	0.5	Lafayette	0.5	Sauk	1.7
Clark	0.6	Langlade	0.6	Sawyer	0.6
Columbia	1.7	Lincoln	0.6	Shawano	1.0
Crawford	0.5	Manitowoc	1.0	Sheboygan	7.0
Dane	2.2	Marathon	0.6	Taylor	0.6
Dodge	7.0	Marinette	1.0	Trempealeau	0.6
Door	1.0	Marquette	1.7	Vernon	0.6
Douglas	1.0	Menominee	1.0	Vilas	0.6
Dunn	0.6	Milwaukee	8.0	Walworth	7.0
Eau Claire	0.5	Monroe	0.6	Washburn	0.6
Florence	1.0	Oconto	1.0	Washington	8.0
Fond du Lac	1.0	Oneida	0.6	Waukesha	8.0
Forest	1.0	Outagamie	0.9	Waupaca	1.0
Grant	0.5	Ozaukee	8.0	Waushara	1.0
Green	1.7	Pepin	0.6	Winnebago	0.9
Green Lake	1.0	Pierce	2.2	Wood	0.6

**Goals for female participation for each trade: 6.9%**

These goals are applicable to all the contractor's construction work, (whether or not it is federal or federally assisted), performed in the covered area. If the contractor performs construction work in the geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and nonfederally involved construction.

The contractor's compliance with the Executive Order and the Regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from contractor to contractor or from project to project for the sole purpose of meeting the contractor's goals shall be a violation of the contract, the Executive Order and the Regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within ten (10) working days of award of any construction subcontract in excess of \$10,000.00 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor, employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.

As referred to in this section, the Director means:

Director  
Office of Federal Contract Compliance Programs  
Ruess Federal Plaza  
310 W. Wisconsin Ave., Suite 1115  
Milwaukee, WI 53202

The "Employer Identification Number" means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U.S. Treasury Department Form 941.

4. As used in this notice, and in the contract resulting from solicitation, the "covered area" is the county(ies) in Wisconsin to which this proposal applies.

**APRIL 2013**

**ADDITIONAL FEDERAL-AID PROVISIONS**

**NOTICE TO ALL BIDDERS**

To report bid rigging activities call:

**1-800-424-9071**

The U.S. Department of Transportation (DOT) operates the above toll-free "hotline" Monday through Friday, 8:00 a.m. to 5:00 p.m., Eastern Time. Anyone with knowledge of possible bid rigging, bidding collusion, or other fraudulent activities should use the "hotline" to report such activities.

The "hotline" is part of the DOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

**Effective November 2020 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 DT4567, 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 DT4567 is available at:

<https://wisconsindot.gov/Documents/formdocs/dt4567.docx>

## Cargo Preference Act Requirement

All Federal-aid projects shall comply with 46 CFR 381.7 (a) – (b) as follows:

(a) *Agreement Clauses*. "Use of United States-flag vessels:"

(1) Pursuant to Pub. L. 664 (43 U.S.C. 1241(b)) at least 50 percent of any equipment, materials or commodities procured, contracted for or otherwise obtained with funds granted, guaranteed, loaned, or advanced by the U.S. Government under this agreement, and which may be transported by ocean vessel, shall be transported on privately owned United States-flag commercial vessels, if available.

(2) Within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (a)(1) of this section shall be furnished to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590."

(b) *Contractor and Subcontractor Clauses*. "Use of United States-flag vessels: The contractor agrees—"

(1) To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.

(2) To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, 'on-board' commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b) (1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.

(3) To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this contract.



**WISCONSIN DEPARTMENT OF TRANSPORTATION  
DIVISION OF TRANSPORTATION AND SYSTEM DEVELOPMENT**

**SUPPLEMENTAL REQUIRED CONTRACT PROVISIONS  
FOR PROJECTS WITH FEDERAL AID**

**I. PREVAILING WAGE RATES**

The attached U.S. Department of Labor (Davis-Bacon Minimum Wage Rates) furnishes the minimum prevailing wage rates pursuant to the Davis-Bacon and Related Acts. The wage rates shown are the minimum rates required by the contract to be paid during its life, however this is not a representation that labor can be obtained at these rates. It is the responsibility of bidders to inform themselves as to the local labor conditions and prospective changes or adjustments of wage rates. No increase in the contract price will be allowed or authorized on account of the payment of wage rates in excess of those listed herein.

**II. COVERAGE OF TRUCK DRIVERS**

Truck drivers are covered by Davis-Bacon Minimum Wage Rates in the following circumstances:

- Drivers of a contractor or subcontractor for time spent working on the site of the work.
- Drivers of a contractor or subcontractor for time spent loading and/or unloading materials and supplies on the site of the work, if such time is not de minimis. [https://www.dol.gov/whd/FOH/FOH\\_Ch15.pdf](https://www.dol.gov/whd/FOH/FOH_Ch15.pdf)
- Truck drivers transporting materials or supplies between a facility that is deemed part of the site of the work and the actual construction site.
- Truck drivers transporting portions of the building or work between a site established specifically for the performance of the contract where a significant portion of such building or work is constructed and the physical place where the building or work called for in the contract will remain.

Truck drivers are not covered by Davis-Bacon Minimum Wage Rates in the following circumstances:

- Material delivery truck drivers while off the site of the work.
- Drivers of a contractor or subcontractor traveling between a Davis-Bacon job and a commercial supply facility while they are off the site of the work.”
- Truck drivers whose time spent on the site of the work is de minimis, such as only a few minutes at a time merely to pick up or drop off materials or supplies.

Details are available online at:

<https://www.dol.gov/whd/recovery/pwrb/Tab9.pdf>

<https://wisconsin.gov/Pages/doing-bus/civil-rights/labornwage/trckng.aspx>

### **III. POSTINGS AT THE SITE OF THE WORK**

In addition to the required postings furnished by the department, the contractor shall post the following in at least one conspicuous and accessible place at the site of work:

- a. A copy of the contractor's Equal Employment Opportunity Policy.

All required documents shall be posted by the first day of work and be accurate and complete. Postings must be readable, in an area where they will be noticed, and maintained until the last day of work.

### **IV. RESOURCES**

Required information regarding compliance with federal provisions is found in the following resources:

- FHWA-1273 included in this contract
- U.S. Department of Labor Prevailing Wage Resource Book
- U.S. Department of Labor Field Operations Handbook
- U.S. Code of Federal Regulations
- Any applicable law, Act, or Executive Order enacted by the federal government at the time of the letting of this contract

"General Decision Number: WI20200010 09/18/2020

Superseded General Decision Number: WI20190010

State: Wisconsin

Construction Type: Highway

Counties: Wisconsin Statewide.

HIGHWAY, AIRPORT RUNWAY & TAXIWAY CONSTRUCTION PROJECTS (does not include bridges over navigable waters; tunnels; buildings in highway rest areas; and railroad construction)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Modification Number	Publication Date
0	01/03/2020
1	01/24/2020
2	02/28/2020
3	03/06/2020
4	06/05/2020
5	06/12/2020
6	06/19/2020
7	07/17/2020
8	08/28/2020

9 09/11/2020  
10 09/18/2020

BRWI0001-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.80	24.28

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BRWI0002-002 06/01/2019

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 39.94	23.30

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BRWI0002-005 06/01/2019

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

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.51	23.37

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BRWI0003-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 34.18	23.90

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BRWI0004-002 06/01/2019

KENOSHA, RACINE, AND WALWORTH COUNTIES

Rates	Fringes
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BRICKLAYER.....\$ 38.43 25.10

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BRWI0006-002 06/01/2019

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

Rates Fringes

BRICKLAYER.....\$ 35.06 23.02

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BRWI0007-002 06/03/2019

GREEN, LAFAYETTE, AND ROCK COUNTIES

Rates Fringes

BRICKLAYER.....\$ 35.57 24.22

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BRWI0008-002 06/01/2019

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

Rates Fringes

BRICKLAYER.....\$ 38.93 24.22

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BRWI0011-002 06/03/2019

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

Rates Fringes

BRICKLAYER.....\$ 34.18 23.90

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BRWI0019-002 06/03/2019

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

Rates Fringes

BRICKLAYER.....\$ 33.40 24.68

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BRWI0034-002 06/03/2019

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23

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 CARP0087-001 05/01/2016

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys 35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 36.85	18.39

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 CARP0252-002 06/01/2016

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO, BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except area bordering Michigan State Line), FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST CROIX (E. of Hwy 65), TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

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

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 CARP0252-010 06/01/2016

ASHLAND COUNTY

	Rates	Fringes
Carpenters		
Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
Pile Driver.....	\$ 34.12	18.00

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 CARP0264-003 06/01/2016

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

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

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

	Rates	Fringes
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
PILEDRIVERMAN		
Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69
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ELEC0014-002 06/14/2020		

ASHLAND, BARRON, BAYFIELD, BUFFALO, BURNETT, CHIPPEWA, CLARK (except Maryville, Colby, Unity, Sherman, Fremont, Lynn & Sherwood), CRAWFORD, DUNN, EAU CLAIRE, GRANT, IRON, JACKSON, LA CROSSE, MONROE, PEPIN, PIERCE, POLK, PRICE, RICHLAND, RUSK, ST CROIX, SAWYER, TAYLOR, TREMPLEAU, VERNON, AND WASHBURN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 35.98	20.98
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ELEC0014-007 07/05/2020		

REMAINING COUNTIES

	Rates	Fringes
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Teledata System Installer  
 Installer/Technician.....\$ 27.75                    15.14

Low voltage construction, installation, maintenance and removal of teledata facilities (voice, data, and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated systems digital network).

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 ELEC0127-002 06/01/2020

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 41.62	30%+12.70

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 ELEC0158-002 06/03/2019

BROWN, DOOR, KEWAUNEE, MANITOWOC (except Schleswig), MARINETTE(Wausaukee and area South thereof), OCONTO, MENOMINEE (East of a line 6 miles West of the West boundary of Oconto County), SHAWANO (Except Area North of Townships of Aniwa and Hutchins) COUNTIES

	Rates	Fringes
Electricians:.....	\$ 33.52	29.75%+10.26

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 \* ELEC0159-003 08/02/2020

COLUMBIA, DANE, DODGE (Area West of Hwy 26, except Chester and Emmet Townships), GREEN, LAKE (except Townships of Berlin, Seneca, and St. Marie), IOWA, MARQUETTE (except Townships of Neshkoka, Crystal Lake, Newton, and Springfield), and SAUK COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 41.86	22.67

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 ELEC0219-004 06/01/2019

FLORENCE COUNTY (Townships of Aurora, Commonwealth, Fern, Florence and Homestead) AND MARINETTE COUNTY (Township of



Niagara)

	Rates	Fringes
Electricians:		
Electrical contracts over \$180,000.....	\$ 33.94	21.80
Electrical contracts under \$180,000.....	\$ 31.75	21.73
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ELEC0242-005 05/31/2020		

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 39.77	70.69%
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ELEC0388-002 06/01/2020		

ADAMS, CLARK (Colby, Freemont, Lynn, Mayville, Sherman, Sherwood, Unity), FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON, MARINETTE (Beecher, Dunbar, Goodman & Pembine), MENOMINEE (Area West of a line 6 miles West of the West boundary of Oconto County), ONEIDA, PORTAGE, SHAWANO (Aniwa and Hutchins), VILAS AND WOOD COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.85	26%+11.20
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ELEC0430-002 06/01/2020		

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 41.86	22.66
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ELEC0494-005 06/01/2020		

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 42.84	25.54
-----		
ELEC0494-006 06/01/2020		

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

	Rates	Fringes
Electricians:.....	\$ 36.32	22.51

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 ELEC0494-013 06/07/2020

DODGE (East of Hwy 26 including Chester Twp, excluding Emmet Twp), FOND DU LAC (Except Waupuin), MILWAUKEE, OZAUKEE, MANITOWOC (Schleswig), WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 21.46	18.52
Technician.....	\$ 31.34	20.00

Installation, testing, maintenance, operation and servicing of all sound, intercom, telephone interconnect, closed circuit TV systems, radio systems, background music systems, language laboratories, electronic carillon, antenna distribution systems, clock and program systems and low-voltage systems such as visual nurse call, audio/visual nurse call systems, doctors entrance register systems. Includes all wire and cable carrying audio, visual, data, light and radio frequency signals. Includes the installation of conduit, wiremold, or raceways in existing structures that have been occupied for six months or more where required for the protection of the wire or cable, but does not mean a complete conduit or raceway system. work covered does not include the installation of conduit, wiremold or any raceways in any new construction, or the installation of power supply outlets by means of which external electric power is supplied to any of the foregoing equipment or products

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 ELEC0577-003 06/01/2019

CALUMET (except Township of New Holstein), GREEN LAKE (N. part including Townships of Berlin, St Marie, and Seneca), MARQUETTE (N. part including Townships of Crystal Lake, Neshkoro, Newton, and Springfield), OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO COUNTIES

	Rates	Fringes
Electricians:.....	\$ 33.15	28.50%+10.00

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 ELEC0890-003 06/01/2020

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

	Rates	Fringes
Electricians:.....	\$ 37.41	25.95%+11.11

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 ELEC0953-001 06/02/2019

	Rates	Fringes
Line Construction:		
(1) Lineman.....	\$ 47.53	21.43
(2) Heavy Equipment Operator.....	\$ 42.78	19.80
(3) Equipment Operator.....	\$ 38.02	18.40
(4) Heavy Groundman Driver..	\$ 33.27	16.88
(5) Light Groundman Driver..	\$ 30.89	16.11
(6) Groundsman.....	\$ 26.14	14.60

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 ENGI0139-005 06/01/2020

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 41.62	23.80
Group 2.....	\$ 41.12	23.80
Group 3.....	\$ 40.62	23.80
Group 4.....	\$ 40.36	23.80
Group 5.....	\$ 40.07	23.80
Group 6.....	\$ 34.17	23.80

HAZARDOUS WASTE PREMIUMS:  
 EPA Level ""A"" protection - \$3.00 per hour  
 EPA Level ""B"" protection - \$2.00 per hour  
 EPA Level ""C"" protection - \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, tower cranes, and derricks with or without  
 attachments with a lifting capacity of over 100 tons; or

cranes, tower cranes, and derricks with boom, leads and/or jib lengths measuring 176 feet or longer.

GROUP 2: Cranes, tower cranes and derricks with or without attachments with a lifting capacity of 100 tons or less; or cranes, tower cranes, and derricks with boom, leads, and/or jibs lengths measuring 175 feet or under and Backhoes (excavators) weighing 130,000 lbs and over; caisson rigs; pile driver; dredge operator; dredge engineer; Boat Pilot.

GROUP 3: Mechanic or welder - Heavy duty equipment; cranes with a lifting capacity of 25 tons or under; concrete breaker (manual or remote); vibratory/sonic concrete breaker; concrete laser screed; concrete slipform paver; concrete batch plant operator; concrete pvt. spreader - heavy duty (rubber tired); concrete spreader & distributor; automatic subgrader (concrete); concrete grinder & planing machine; concrete slipform curb & gutter machine; slipform concrete placer; tube finisher; hydro blaster (10,000 psi & over); bridge paver; concrete conveyor system; concrete pump; Rotec type Conveyor; stabilizing mixer (self-propelled); shoulder widener; asphalt plant engineer; bituminous paver; bump cutter & grooving machine; milling machine; screed (bituminous paver); asphalt heater, planer & scarifier; Backhoes (excavators) weighing under 130,000 lbs; grader or motor patrol; tractor (scraper, dozer, pusher, loader); scraper - rubber tired (single or twin engine); endloader; hydraulic backhoe (tractor type); trenching machine; skid rigs; tractor, side boom (heavy); drilling or boring machine (mechanical heavy); roller over 5 tons; percussion or rotary drilling machine; air track; blaster; loading machine (conveyor); tugger; boatmen; winches & A-frames; post driver; material hoist.

GROUP 4: Greaser, roller steel (5 tons or less); roller (pneumatic tired) - self propelled; tractor (mounted or towed compactors & light equipment); shouldering machine; self-propelled chip spreader; concrete spreader; finishing machine; mechanical float; curing machine; power subgrader; joint sawer (multiple blade) belting machine; burlap machine; texturing machine; tractor endloader (rubber tired) - light; jeep digger; forklift; mulcher; launch operator; fireman, environmental burner

GROUP 5: Air compressor; power pack; vibrator hammer and extractor; heavy equipment, leadman; tank car heaters; stump chipper; curb machine operator; Concrete proportioning plants; generators; mudjack operator; rock breaker; crusher or screening plant; screed (milling machine); automatic belt conveyor and surge bin; pug mill

operator; Oiler, pump (over 3 inches); Drilling Machine Tender.

GROUP 6: Off-road material hauler with or without ejector.

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IRON0008-002 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 37.31	27.62

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

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IRON0008-003 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 39.11	27.87

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

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IRON0383-001 06/01/2020

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST, GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA, JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON, MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA, WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 37.10	27.06

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IRON0498-005 06/01/2019

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

	Rates	Fringes
IRONWORKER.....	\$ 40.25	40.53
-----		
IRON0512-008 06/03/2019		

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

	Rates	Fringes
IRONWORKER.....	\$ 37.60	29.40
-----		
IRON0512-021 06/03/2019		

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

	Rates	Fringes
IRONWORKER.....	\$ 33.19	29.40
-----		
LAB00113-002 06/01/2020		

MILWAUKEE AND WAUKESHA COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 30.05	22.26
Group 2.....	\$ 30.20	22.26
Group 3.....	\$ 30.40	22.26
Group 4.....	\$ 30.55	22.26
Group 5.....	\$ 30.70	22.26
Group 6.....	\$ 26.54	22.26

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer;  
 Demolition and Wrecking Laborer; Guard Rail, Fence, and  
 Bridge Builder; Landscaper; Multiplate Culvert Assembler;  
 Stone Handler; Bituminous Worker (Shoveler, Loader, and

Utility Man); Batch Truck Dumper or Cement Handler;  
Bituminous Worker (Dumper, Ironer, Smoother, and Tamper);  
Concrete Handler

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagperson; traffic control person

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LAB00113-003 06/01/2020

OZAUKEE AND WASHINGTON COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 29.30	22.26
Group 2.....	\$ 29.40	22.26
Group 3.....	\$ 29.45	22.26
Group 4.....	\$ 29.65	22.26
Group 5.....	\$ 29.50	22.26
Group 6.....	\$ 26.39	22.26

LABORERS CLASSIFICATIONS

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

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson and Traffic Control Person

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LAB00113-011 06/01/2020

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 29.11	22.26
Group 2.....	\$ 29.26	22.26
Group 3.....	\$ 29.46	22.26
Group 4.....	\$ 29.43	22.26
Group 5.....	\$ 29.76	22.26
Group 6.....	\$ 26.25	22.26

LABORERS CLASSIFICATIONS:

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

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagman; traffic control person

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LAB00140-002 06/01/2020

ADAMS, ASHLAND, BARRON, BAYFIELD, BROWN, BUFFALO, BURNETT, CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DODGE, DOOR,



DOUGLAS, DUNN, EAU CLAIRE, FLORENCE, FOND DU LAC, FOREST,  
 GRANT, GREEN, GREEN LAKE, IRON, JACKSON, JUNEAU, IOWA,  
 JEFFERSON, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN,  
 MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, MONROE,  
 OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE, POLK, PORTAGE, PRICE,  
 RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST.  
 CROIX, TAYLOR, TREMPLEAU, VERNON, VILLAS, WALWORTH, WASHBURN,  
 WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 33.72	17.95
Group 2.....	\$ 33.82	17.95
Group 3.....	\$ 33.87	17.95
Group 4.....	\$ 34.07	17.95
Group 5.....	\$ 33.92	17.95
Group 6.....	\$ 30.35	17.95

LABORER CLASSIFICATIONS

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

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson; Traffic Control

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 LAB00464-003 06/01/2020

DANE COUNTY

Rates	Fringes
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LABORER

Group 1.....	\$ 34.00	17.95
Group 2.....	\$ 34.10	17.95
Group 3.....	\$ 34.15	17.95
Group 4.....	\$ 34.35	17.95
Group 5.....	\$ 34.20	17.95
Group 6.....	\$ 30.35	17.95

LABORERS CLASSIFICATIONS:

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

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; Powderman

GROUP 6: Flagperson and Traffic Control Person

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 PAIN0106-008 05/01/2017

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

	Rates	Fringes
Painters:		
New:		
Brush, Roller.....	\$ 30.33	17.27
Spray, Sandblast, Steel....	\$ 30.93	17.27
Repaint:		
Brush, Roller.....	\$ 28.83	17.27
Spray, Sandblast, Steel....	\$ 29.43	17.27

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 PAIN0108-002 06/01/2019

RACINE COUNTY

	Rates	Fringes
Painters:		
Brush, Roller.....	\$ 36.08	20.36
Spray & Sandblast.....	\$ 37.08	20.36
-----		
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 06/01/2019		

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Painters:		
Bridge.....	\$ 33.30	23.86
Brush.....	\$ 32.95	23.86
Spray & Sandblast.....	\$ 33.70	23.86
-----		
PAIN0802-002 06/01/2019		

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

	Rates	Fringes
PAINTER		
Brush.....	\$ 30.93	18.44

PREMIUM PAY:

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

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PAIN0802-003 06/01/2019

ADAMS, BROWN, CALUMET, CLARK, DOOR, FOND DU LAC, FOREST, GREEN LAKE, IRON, JUNEAU, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, PORTAGE, PRICE, SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WAUSHARA, WAUPACA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
PAINTER.....	\$ 30.93	18.58

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PAIN0934-001 06/01/2017

KENOSHA AND WALWORTH COUNTIES

	Rates	Fringes
Painters:		
Brush.....	\$ 33.74	18.95
Spray.....	\$ 34.74	18.95
Structural Steel.....	\$ 33.89	18.95

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PAIN1011-002 06/02/2019

FLORENCE COUNTY

	Rates	Fringes
Painters:.....	\$ 25.76	13.33

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PLAS0599-010 06/01/2017

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
Area 1.....	\$ 39.46	17.17
Area 2 (BAC).....	\$ 35.07	19.75
Area 3.....	\$ 35.61	19.40
Area 4.....	\$ 34.70	20.51
Area 5.....	\$ 36.27	18.73
Area 6.....	\$ 32.02	22.99

AREA DESCRIPTIONS

AREA 1: BAYFIELD, DOUGLAS, PRICE, SAWYER, AND WASHBURN COUNTIES

AREA 2: ADAMS, ASHLAND, BARRON, BROWN, BURNETT, CALUMET, CHIPPEWA, CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE, FOND DU LAC, FOREST, GREEN LAKE, IRON, JEFFERSON, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, POLK, PORTAGE, RUSK, ST CROIX, SAUK, SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WALWORTH, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

AREA 3: BUFFALO, CRAWFORD, EAU CLAIRE, JACKSON, JUNEAU, LA CROSSE MONROE, PEPIN, PIERCE, RICHLAND, TREMPPEALEAU, AND VERNON COUNTIES

AREA 4: MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

AREA 5: DANE, GRANT, GREEN, IOWA, LAFAYETTE, AND ROCK COUNTIES

AREA 6: KENOSHA AND RACINE COUNTIES

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TEAM0039-001 06/01/2020

	Rates	Fringes
TRUCK DRIVER		
1 & 2 Axles.....	\$ 31.07	22.94
3 or more Axles; Euclids, Dumptor & Articulated, Truck Mechanic.....	\$ 31.22	22.94
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WELL DRILLER.....	\$ 16.52	3.70
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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours

they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

## Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

## Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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## WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter

\* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"



**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

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

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	63.000 STA	_____.	_____.
0004	201.0120 Clearing	137.000 ID	_____.	_____.
0006	201.0205 Grubbing	63.000 STA	_____.	_____.
0008	201.0220 Grubbing	113.000 ID	_____.	_____.
0010	203.0100 Removing Small Pipe Culverts	21.000 EACH	_____.	_____.
0012	203.0200 Removing Old Structure (station) 01. 527+35	LS	LUMP SUM	_____.
0014	203.0200 Removing Old Structure (station) 02. 461+61	LS	LUMP SUM	_____.
0016	204.0100 Removing Concrete Pavement	11,610.000 SY	_____.	_____.
0018	204.0110 Removing Asphaltic Surface	3,563.000 SY	_____.	_____.
0020	204.0115 Removing Asphaltic Surface Butt Joints	529.000 SY	_____.	_____.
0022	204.0120 Removing Asphaltic Surface Milling	223,156.000 SY	_____.	_____.
0024	204.0130 Removing Curb	189.000 LF	_____.	_____.
0026	204.0150 Removing Curb & Gutter	3,451.000 LF	_____.	_____.
0028	204.0155 Removing Concrete Sidewalk	856.000 SY	_____.	_____.
0030	204.0165 Removing Guardrail	1,680.000 LF	_____.	_____.
0032	204.0170 Removing Fence	20.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

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	204.0185 Removing Masonry	5.000 CY	_____.	_____.
0036	204.0190 Removing Surface Drains	4.000 EACH	_____.	_____.
0038	204.0245 Removing Storm Sewer (size) 01. 12-Inch	56.000 LF	_____.	_____.
0040	205.0100 Excavation Common	14,090.000 CY	_____.	_____.
0042	206.2000 Excavation for Structures Culverts (structure) 01. C-59-115	LS	LUMP SUM	_____.
0044	206.5000 Cofferdams (structure) 01. C-59-115	LS	LUMP SUM	_____.
0046	208.0100 Borrow	21,766.000 CY	_____.	_____.
0048	210.2500 Backfill Structure Type B	651.000 TON	_____.	_____.
0050	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 4550-03-71	LS	LUMP SUM	_____.
0052	211.0100 Prepare Foundation for Asphaltic Paving (project) 02. 4550-04-71	LS	LUMP SUM	_____.
0054	211.0200 Prepare Foundation for Concrete Pavement (project) 01. 4550-04-71	LS	LUMP SUM	_____.
0056	211.0400 Prepare Foundation for Asphaltic Shoulders	1,083.000 STA	_____.	_____.
0058	213.0100 Finishing Roadway (project) 01. 4550-03-71	1.000 EACH	_____.	_____.
0060	213.0100 Finishing Roadway (project) 02. 4550-04-71	1.000 EACH	_____.	_____.
0062	305.0110 Base Aggregate Dense 3/4-Inch	6,862.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0064	305.0120 Base Aggregate Dense 1 1/4-Inch	17,015.000 TON	_____.	_____.
0066	311.0115 Breaker Run	56.000 CY	_____.	_____.
0068	415.0080 Concrete Pavement 8-Inch	11,472.000 SY	_____.	_____.
0070	415.0210 Concrete Pavement Gaps	4.000 EACH	_____.	_____.
0072	415.1080 Concrete Pavement HES 8-Inch	641.000 SY	_____.	_____.
0074	415.5110.S Concrete Pavement Joint Layout	1.000 LS	_____.	_____.
0076	416.0160 Concrete Driveway 6-Inch	16.000 SY	_____.	_____.
0078	416.0610 Drilled Tie Bars	291.000 EACH	_____.	_____.
0080	416.0620 Drilled Dowel Bars	24.000 EACH	_____.	_____.
0082	416.1010 Concrete Surface Drains	15.000 CY	_____.	_____.
0084	450.4000 HMA Cold Weather Paving	23.000 TON	_____.	_____.
0086	455.0605 Tack Coat	20,049.000 GAL	_____.	_____.
0088	460.0105.S HMA Percent Within Limits (PWL) Test Strip Volumetrics	1.000 EACH	_____.	_____.
0090	460.0110.S HMA Percent Within Limits (PWL) Test Strip Density	1.000 EACH	_____.	_____.
0092	460.2000 Incentive Density HMA Pavement	2,070.000 DOL	1.00000	2,070.00
0094	460.2005 Incentive Density PWL HMA Pavement	22,345.000 DOL	1.00000	22,345.00



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

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	460.2007 Incentive Density HMA Pavement Longitudinal Joints	24,725.000 DOL	1.00000	24,725.00
0098	460.2010 Incentive Air Voids HMA Pavement	40,013.000 DOL	1.00000	40,013.00
0100	460.5223 HMA Pavement 3 LT 58-28 S	3,215.000 TON	_____	_____
0102	460.5224 HMA Pavement 4 LT 58-28 S	40,013.000 TON	_____	_____
0104	465.0110 Asphaltic Surface Patching	20.000 TON	_____	_____
0106	465.0120 Asphaltic Surface Driveways and Field Entrances	277.000 TON	_____	_____
0108	465.0125 Asphaltic Surface Temporary	660.000 TON	_____	_____
0110	465.0425 Asphaltic Shoulder Rumble Strips 2-Lane Rural	75,304.000 LF	_____	_____
0112	465.0475 Asphalt Centerline Rumble Strips 2-Lane Rural	39,903.000 LF	_____	_____
0114	502.3200 Protective Surface Treatment	360.000 SY	_____	_____
0116	502.3210 Pigmented Surface Sealer	91.000 SY	_____	_____
0118	504.0100 Concrete Masonry Culverts	89.000 CY	_____	_____
0120	504.0900 Concrete Masonry Endwalls	0.600 CY	_____	_____
0122	505.0400 Bar Steel Reinforcement HS Structures	8,850.000 LB	_____	_____
0124	505.0600 Bar Steel Reinforcement HS Coated Structures	1,490.000 LB	_____	_____



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

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	509.0301 Preparation Decks Type 1	33.000 SY	_____.	_____.
0128	509.0302 Preparation Decks Type 2	18.000 SY	_____.	_____.
0130	509.0500 Cleaning Decks	360.000 SY	_____.	_____.
0132	509.2000 Full-Depth Deck Repair	1.000 SY	_____.	_____.
0134	509.2500 Concrete Masonry Overlay Decks	23.000 CY	_____.	_____.
0136	516.0500 Rubberized Membrane Waterproofing	17.000 SY	_____.	_____.
0138	520.8000 Concrete Collars for Pipe	21.000 EACH	_____.	_____.
0140	520.8700 Cleaning Culvert Pipes	4.000 EACH	_____.	_____.
0142	521.1015 Apron Endwalls for Culvert Pipe Steel 15-Inch	2.000 EACH	_____.	_____.
0144	521.1018 Apron Endwalls for Culvert Pipe Steel 18-Inch	4.000 EACH	_____.	_____.
0146	521.1021 Apron Endwalls for Culvert Pipe Steel 21-Inch	2.000 EACH	_____.	_____.
0148	521.1024 Apron Endwalls for Culvert Pipe Steel 24-Inch	7.000 EACH	_____.	_____.
0150	521.1030 Apron Endwalls for Culvert Pipe Steel 30-Inch	2.000 EACH	_____.	_____.
0152	521.1048 Apron Endwalls for Culvert Pipe Steel 48-Inch	2.000 EACH	_____.	_____.
0154	521.1518 Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 6 to 1	9.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0156	521.1524 Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 24-Inch 6 to 1	2.000 EACH	_____.	_____.
0158	521.1548 Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 48-Inch 6 to 1	4.000 EACH	_____.	_____.
0160	521.3112 Culvert Pipe Corrugated Steel 12-Inch	16.000 LF	_____.	_____.
0162	521.3115 Culvert Pipe Corrugated Steel 15-Inch	40.000 LF	_____.	_____.
0164	521.3118 Culvert Pipe Corrugated Steel 18-Inch	84.000 LF	_____.	_____.
0166	521.3124 Culvert Pipe Corrugated Steel 24-Inch	61.000 LF	_____.	_____.
0168	521.3130 Culvert Pipe Corrugated Steel 30-Inch	2.000 LF	_____.	_____.
0170	521.3136 Culvert Pipe Corrugated Steel 36-Inch	12.000 LF	_____.	_____.
0172	521.3148 Culvert Pipe Corrugated Steel 48-Inch	183.000 LF	_____.	_____.
0174	522.0118 Culvert Pipe Reinforced Concrete Class III 18-Inch	95.000 LF	_____.	_____.
0176	522.0124 Culvert Pipe Reinforced Concrete Class III 24-Inch	144.000 LF	_____.	_____.
0178	522.0136 Culvert Pipe Reinforced Concrete Class III 36-Inch	105.000 LF	_____.	_____.
0180	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	4.000 EACH	_____.	_____.
0182	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	2.000 EACH	_____.	_____.
0184	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

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	522.1027 Apron Endwalls for Culvert Pipe Reinforced Concrete 27-Inch	3.000 EACH	_____.	_____.
0188	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	2.000 EACH	_____.	_____.
0190	601.0120 Concrete Curb Type J	181.000 LF	_____.	_____.
0192	601.0409 Concrete Curb & Gutter 30-Inch Type A	1,332.000 LF	_____.	_____.
0194	601.0411 Concrete Curb & Gutter 30-Inch Type D	1,409.000 LF	_____.	_____.
0196	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	1,127.000 LF	_____.	_____.
0198	601.0600 Concrete Curb Pedestrian	242.000 LF	_____.	_____.
0200	602.0405 Concrete Sidewalk 4-Inch	4,724.000 SF	_____.	_____.
0202	602.0410 Concrete Sidewalk 5-Inch	4,767.000 SF	_____.	_____.
0204	602.0505 Curb Ramp Detectable Warning Field Yellow	280.000 SF	_____.	_____.
0206	606.0100 Riprap Light	99.000 CY	_____.	_____.
0208	606.0300 Riprap Heavy	30.000 CY	_____.	_____.
0210	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	56.000 LF	_____.	_____.
0212	611.8115 Adjusting Inlet Covers	18.000 EACH	_____.	_____.
0214	611.8120.S Cover Plates Temporary	3.000 EACH	_____.	_____.





Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

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	614.0305 Steel Plate Beam Guard Class A	787.000 LF	_____.	_____.
0218	614.0370 Steel Plate Beam Guard Energy Absorbing Terminal	14.000 EACH	_____.	_____.
0220	614.0397 Guardrail Mow Strip Emulsified Asphalt	330.000 SY	_____.	_____.
0222	614.0400 Adjusting Steel Plate Beam Guard	4,037.000 LF	_____.	_____.
0224	614.0950 Replacing Guardrail Posts and Blocks	50.000 EACH	_____.	_____.
0226	614.0951 Replacing Guardrail Rail and Hardware	225.000 LF	_____.	_____.
0228	614.2300 MGS Guardrail 3	689.750 LF	_____.	_____.
0230	614.2340 MGS Guardrail 3 L	106.250 LF	_____.	_____.
0232	614.2610 MGS Guardrail Terminal EAT	8.000 EACH	_____.	_____.
0234	618.0100 Maintenance And Repair of Haul Roads (project) 01. 4550-03-71	1.000 EACH	_____.	_____.
0236	618.0100 Maintenance And Repair of Haul Roads (project) 02. 4550-04-71	1.000 EACH	_____.	_____.
0238	619.1000 Mobilization	1.000 EACH	_____.	_____.
0240	620.0200 Concrete Median Blunt Nose	52.000 SF	_____.	_____.
0242	620.0300 Concrete Median Sloped Nose	242.000 SF	_____.	_____.
0244	624.0100 Water	334.000 MGAL	_____.	_____.
0246	625.0500 Salvaged Topsoil	109,065.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0248	627.0200 Mulching	84,506.000 SY	_____.	_____.
0250	628.1504 Silt Fence	25,150.000 LF	_____.	_____.
0252	628.1520 Silt Fence Maintenance	25,150.000 LF	_____.	_____.
0254	628.1905 Mobilizations Erosion Control	18.000 EACH	_____.	_____.
0256	628.1910 Mobilizations Emergency Erosion Control	12.000 EACH	_____.	_____.
0258	628.2002 Erosion Mat Class I Type A	17,587.000 SY	_____.	_____.
0260	628.2004 Erosion Mat Class I Type B	4,409.000 SY	_____.	_____.
0262	628.2006 Erosion Mat Urban Class I Type A	1,246.000 SY	_____.	_____.
0264	628.2037 Erosion Mat Class III Type C	1,600.000 SY	_____.	_____.
0266	628.7005 Inlet Protection Type A	52.000 EACH	_____.	_____.
0268	628.7015 Inlet Protection Type C	49.000 EACH	_____.	_____.
0270	628.7504 Temporary Ditch Checks	664.000 LF	_____.	_____.
0272	628.7555 Culvert Pipe Checks	20.000 EACH	_____.	_____.
0274	629.0210 Fertilizer Type B	69.700 CWT	_____.	_____.
0276	630.0120 Seeding Mixture No. 20	433.000 LB	_____.	_____.
0278	630.0130 Seeding Mixture No. 30	1,396.000 LB	_____.	_____.
0280	630.0200 Seeding Temporary	1,485.000 LB	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0282	630.0500 Seed Water	2,670.000 MGAL	_____	_____
0284	633.5200 Markers Culvert End	10.000 EACH	_____	_____
0286	634.0614 Posts Wood 4x6-Inch X 14-FT	87.000 EACH	_____	_____
0288	634.0616 Posts Wood 4x6-Inch X 16-FT	180.000 EACH	_____	_____
0290	634.0618 Posts Wood 4x6-Inch X 18-FT	29.000 EACH	_____	_____
0292	637.2210 Signs Type II Reflective H	1,725.260 SF	_____	_____
0294	637.2230 Signs Type II Reflective F	616.090 SF	_____	_____
0296	638.2602 Removing Signs Type II	263.000 EACH	_____	_____
0298	638.3000 Removing Small Sign Supports	291.000 EACH	_____	_____
0300	642.5201 Field Office Type C	1.000 EACH	_____	_____
0302	643.0300 Traffic Control Drums	7,620.000 DAY	_____	_____
0304	643.0420 Traffic Control Barricades Type III	3,326.000 DAY	_____	_____
0306	643.0500 Traffic Control Flexible Tubular Marker Posts	141.000 EACH	_____	_____
0308	643.0600 Traffic Control Flexible Tubular Marker Bases	141.000 EACH	_____	_____
0310	643.0705 Traffic Control Warning Lights Type A	5,359.000 DAY	_____	_____
0312	643.0715 Traffic Control Warning Lights Type C	865.000 DAY	_____	_____



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0314	643.0900 Traffic Control Signs	19,870.000 DAY	_____.	_____.
0316	643.0910 Traffic Control Covering Signs Type I	2.000 EACH	_____.	_____.
0318	643.0920 Traffic Control Covering Signs Type II	12.000 EACH	_____.	_____.
0320	643.1000 Traffic Control Signs Fixed Message	42.000 SF	_____.	_____.
0322	643.1050 Traffic Control Signs PCMS	140.000 DAY	_____.	_____.
0324	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0326	644.1410 Temporary Pedestrian Surface Asphalt	417.000 SF	_____.	_____.
0328	644.1601 Temporary Pedestrian Curb Ramp	15.000 DAY	_____.	_____.
0330	644.1810 Temporary Pedestrian Barricade	526.000 LF	_____.	_____.
0332	645.0105 Geotextile Type C	185.000 SY	_____.	_____.
0334	645.0120 Geotextile Type HR	75.000 SY	_____.	_____.
0336	645.0130 Geotextile Type R	412.000 SY	_____.	_____.
0338	646.1020 Marking Line Epoxy 4-Inch	92,067.000 LF	_____.	_____.
0340	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	103,260.000 LF	_____.	_____.
0342	646.3020 Marking Line Epoxy 8-Inch	652.000 LF	_____.	_____.
0344	646.3040 Marking Line Grooved Wet Ref Epoxy 8-Inch	2,267.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0346	646.5520 Marking Outfall Epoxy	1.000 EACH	_____.	_____.
0348	646.6020 Marking Stop Line Epoxy 12-Inch	235.000 LF	_____.	_____.
0350	646.6464 Cold Weather Marking Epoxy 4-Inch	240.000 LF	_____.	_____.
0352	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	1,665.000 LF	_____.	_____.
0354	646.7520 Marking Crosswalk Epoxy Block Style 24-Inch	1,182.000 LF	_____.	_____.
0356	646.8120 Marking Curb Epoxy	914.000 LF	_____.	_____.
0358	646.8220 Marking Island Nose Epoxy	6.000 EACH	_____.	_____.
0360	648.0100 Locating No-Passing Zones	11.018 MI	_____.	_____.
0362	649.0105 Temporary Marking Line Paint 4-Inch	186,093.000 LF	_____.	_____.
0364	649.0120 Temporary Marking Line Epoxy 4-Inch	39,903.000 LF	_____.	_____.
0366	649.0205 Temporary Marking Line Paint 8-Inch	542.000 LF	_____.	_____.
0368	650.4000 Construction Staking Storm Sewer	4.000 EACH	_____.	_____.
0370	650.4500 Construction Staking Subgrade	46,800.000 LF	_____.	_____.
0372	650.5000 Construction Staking Base	46,600.000 LF	_____.	_____.
0374	650.6000 Construction Staking Pipe Culverts	14.000 EACH	_____.	_____.
0376	650.6500 Construction Staking Structure Layout (structure) 01. C-59-115	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0378	650.7000 Construction Staking Concrete Pavement	5,440.000 LF	_____	_____
0380	650.8000 Construction Staking Resurfacing Reference	57,460.000 LF	_____	_____
0382	650.9000 Construction Staking Curb Ramps	24.000 EACH	_____	_____
0384	650.9910 Construction Staking Supplemental Control (project) 01. 4550-03-71	LS	LUMP SUM	_____
0386	650.9910 Construction Staking Supplemental Control (project) 02. 4550-04-71	LS	LUMP SUM	_____
0388	650.9920 Construction Staking Slope Stakes	46,800.000 LF	_____	_____
0390	690.0150 Sawing Asphalt	10,483.000 LF	_____	_____
0392	690.0250 Sawing Concrete	2,360.000 LF	_____	_____
0394	715.0415 Incentive Strength Concrete Pavement	3,634.000 DOL	1.00000	3,634.00
0396	715.0502 Incentive Strength Concrete Structures	534.000 DOL	1.00000	534.00
0398	715.0710 Optimized Aggregate Gradation Incentive	13,219.000 DOL	1.00000	13,219.00
0400	740.0440 Incentive IRI Ride	69,058.000 DOL	1.00000	69,058.00
0402	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
0404	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	3,040.000 HRS	5.00000	15,200.00
0406	SPV.0060 Special 01. Cleaning Storm Sewer	24.000 EACH	_____	_____



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0408	SPV.0060 Special 03. Adjusting Water Valve Boxes	34.000 EACH	_____.	_____.
0410	SPV.0060 Special 04. Adjusting Manhole Covers with Pro-Ring	41.000 EACH	_____.	_____.
0412	SPV.0090 Special 01. Concrete Curb & Gutter 2-Inch Sloped 18-Inch	845.000 LF	_____.	_____.
0414	SPV.0090 Special 02. Concrete Curb & Gutter 6-Inch Sloped 18-Inch	3,379.000 LF	_____.	_____.
0416	SPV.0090 Special 03. Base Aggregate Shoulder Repair	740.000 LF	_____.	_____.
0418	SPV.0090 Special 04. Cured In Place Point Repair	9.000 LF	_____.	_____.
0420	SPV.0105 Special 01. Temporary Water Diversion C-59-115	LS	LUMP SUM	_____.
0422	SPV.0105 Special 02. Removing and Restoring Rocks and Downspout Extension	LS	LUMP SUM	_____.
0424	SPV.0165 Special 01. Removing and Restoring Brick and Paver Walk	20.000 SF	_____.	_____.
<b>Section: 0001</b>			<b>Total:</b>	_____.
			<b>Total Bid:</b>	_____.

**PLEASE ATTACH ADDENDA HERE**





## Wisconsin Department of Transportation

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November 2, 2020

**Division of Transportation Systems  
Development**

Bureau of Project Development  
4822 Madison Yards Way, 4<sup>th</sup> Floor South  
Madison, WI 53705

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

### **NOTICE TO ALL CONTRACTORS:**

#### **Federal Wage Rate Addendum #01**

#### **Letting of November 10, 2020**

Attached is a copy of the revised WI 10 Highway Davis Bacon Prevailing Wage Rates that are included in proposals 01 – 29 and 31 – 33; WI 8 Heavy (Sewer & Water Line & Tunnel) Davis Bacon Prevailing Wage Rates that are included in proposals 09 and 28; and WI 15 Heavy Davis Bacon Prevailing Wage Rates that are included in proposal 09. These wage rates are effective for all proposals they are included in in the November 10, 2020 letting. The updated wage rates are dated October 2, 2020 and are effective on or after October 12, 2020.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractors.

Sincerely,

*Mike Coleman*

Proposal Development Specialist  
Proposal Management Section

"General Decision Number: WI20200010 10/02/2020

Superseded General Decision Number: WI20190010

State: Wisconsin

Construction Type: Highway

Counties: Wisconsin Statewide.

HIGHWAY, AIRPORT RUNWAY & TAXIWAY CONSTRUCTION PROJECTS (does not include bridges over navigable waters; tunnels; buildings in highway rest areas; and railroad construction)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Modification Number	Publication Date
0	01/03/2020
1	01/24/2020
2	02/28/2020
3	03/06/2020
4	06/05/2020
5	06/12/2020
6	06/19/2020
7	07/17/2020
8	08/28/2020

9	09/11/2020
10	09/18/2020
11	10/02/2020

BRWI0001-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.80	24.28

---

BRWI0002-002 06/01/2019

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 39.94	23.30

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BRWI0002-005 06/01/2019

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

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.51	23.37

---

BRWI0003-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 34.18	23.90

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BRWI0004-002 06/01/2019

KENOSHA, RACINE, AND WALWORTH COUNTIES

Rates	Fringes
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BRICKLAYER.....\$ 38.43 25.10

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BRWI0006-002 06/01/2019

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

Rates Fringes

BRICKLAYER.....\$ 35.06 23.02

-----  
BRWI0007-002 06/03/2019

GREEN, LAFAYETTE, AND ROCK COUNTIES

Rates Fringes

BRICKLAYER.....\$ 35.57 24.22

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BRWI0008-002 06/01/2019

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

Rates Fringes

BRICKLAYER.....\$ 38.93 24.22

-----  
BRWI0011-002 06/03/2019

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

Rates Fringes

BRICKLAYER.....\$ 34.18 23.90

-----  
BRWI0019-002 06/03/2019

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

Rates Fringes

BRICKLAYER.....\$ 33.40 24.68

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BRWI0034-002 06/03/2019

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23

-----  
 CARP0087-001 05/01/2016

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys 35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 36.85	18.39

-----  
 CARP0252-002 06/01/2016

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO, BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except area bordering Michigan State Line), FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST CROIX (E. of Hwy 65), TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

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

-----  
 CARP0252-010 06/01/2016

ASHLAND COUNTY

	Rates	Fringes
Carpenters		
Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
Pile Driver.....	\$ 34.12	18.00

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CARP0264-003 06/01/2016

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

	Rates	Fringes
CARPENTER.....	\$ 35.78	22.11

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CARP0361-004 05/01/2018

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

	Rates	Fringes
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
PILEDRIVERMAN		
Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69

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ELEC0014-002 06/14/2020

ASHLAND, BARRON, BAYFIELD, BUFFALO, BURNETT, CHIPPEWA, CLARK (except Maryville, Colby, Unity, Sherman, Fremont, Lynn & Sherwood), CRAWFORD, DUNN, EAU CLAIRE, GRANT, IRON, JACKSON, LA CROSSE, MONROE, PEPIN, PIERCE, POLK, PRICE, RICHLAND, RUSK, ST CROIX, SAWYER, TAYLOR, TREMPLEAU, VERNON, AND WASHBURN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 35.98	20.98

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ELEC0014-007 07/05/2020

REMAINING COUNTIES

	Rates	Fringes
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Teledata System Installer  
 Installer/Technician.....\$ 27.75                    15.14

Low voltage construction, installation, maintenance and removal of teledata facilities (voice, data, and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated systems digital network).

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 ELEC0127-002 06/01/2020

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 41.62	30%+12.70

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 \* ELEC0158-002 06/01/2020

BROWN, DOOR, KEWAUNEE, MANITOWOC (except Schleswig), MARINETTE(Wausaukee and area South thereof), OCONTO, MENOMINEE (East of a line 6 miles West of the West boundary of Oconto County), SHAWANO (Except Area North of Townships of Aniwa and Hutchins) COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 34.77	29.75%+10.26

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 ELEC0159-003 08/02/2020

COLUMBIA, DANE, DODGE (Area West of Hwy 26, except Chester and Emmet Townships), GREEN, LAKE (except Townships of Berlin, Seneca, and St. Marie), IOWA, MARQUETTE (except Townships of Neshkoka, Crystal Lake, Newton, and Springfield), and SAUK COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 41.86	22.67

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 ELEC0219-004 06/01/2019

FLORENCE COUNTY (Townships of Aurora, Commonwealth, Fern,

Florence and Homestead) AND MARINETTE COUNTY (Township of Niagara)

	Rates	Fringes
Electricians:		
Electrical contracts over \$180,000.....	\$ 33.94	21.80
Electrical contracts under \$180,000.....	\$ 31.75	21.73

\* ELEC0242-005 05/31/2020

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 39.77	28.11

ELEC0388-002 06/01/2020

ADAMS, CLARK (Colby, Freemont, Lynn, Mayville, Sherman, Sherwood, Unity), FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON, MARINETTE (Beecher, Dunbar, Goodman & Pembine), MENOMINEE (Area West of a line 6 miles West of the West boundary of Oconto County), ONEIDA, PORTAGE, SHAWANO (Aniwa and Hutchins), VILAS AND WOOD COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.85	26%+11.20

ELEC0430-002 06/01/2020

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 41.86	22.66

ELEC0494-005 06/01/2020

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 42.84	25.54



ELEC0494-006 06/01/2020

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

	Rates	Fringes
Electricians:.....	\$ 36.32	22.51

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ELEC0494-013 06/07/2020

DODGE (East of Hwy 26 including Chester Twp, excluding Emmet Twp), FOND DU LAC (Except Waupuin), MILWAUKEE, OZAUKEE, MANITOWOC (Schleswig), WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 21.46	18.52
Technician.....	\$ 31.34	20.00

Installation, testing, maintenance, operation and servicing of all sound, intercom, telephone interconnect, closed circuit TV systems, radio systems, background music systems, language laboratories, electronic carillon, antenna distribution systems, clock and program systems and low-voltage systems such as visual nurse call, audio/visual nurse call systems, doctors entrance register systems. Includes all wire and cable carrying audio, visual, data, light and radio frequency signals. Includes the installation of conduit, wiremold, or raceways in existing structures that have been occupied for six months or more where required for the protection of the wire or cable, but does not mean a complete conduit or raceway system. work covered does not include the installation of conduit, wiremold or any raceways in any new construction, or the installation of power supply outlets by means of which external electric power is supplied to any of the foregoing equipment or products

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ELEC0577-003 06/01/2019

CALUMET (except Township of New Holstein), GREEN LAKE (N. part including Townships of Berlin, St Marie, and Seneca), MARQUETTE (N. part including Townships of Crystal Lake, Neshkoro, Newton, and Springfield), OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO

COUNTIES

	Rates	Fringes
Electricians:.....	\$ 33.15	28.50%+10.00
-----		
ELEC0890-003 06/01/2020		

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

	Rates	Fringes
Electricians:.....	\$ 37.41	25.95%+11.11
-----		
ELEC0953-001 06/02/2019		

	Rates	Fringes
Line Construction:		
(1) Lineman.....	\$ 47.53	21.43
(2) Heavy Equipment Operator.....	\$ 42.78	19.80
(3) Equipment Operator.....	\$ 38.02	18.40
(4) Heavy Groundman Driver..	\$ 33.27	16.88
(5) Light Groundman Driver..	\$ 30.89	16.11
(6) Groundsman.....	\$ 26.14	14.60
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ENGI0139-005 06/01/2020		

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 41.62	23.80
Group 2.....	\$ 41.12	23.80
Group 3.....	\$ 40.62	23.80
Group 4.....	\$ 40.36	23.80
Group 5.....	\$ 40.07	23.80
Group 6.....	\$ 34.17	23.80

HAZARDOUS WASTE PREMIUMS:  
 EPA Level ""A"" protection - \$3.00 per hour  
 EPA Level ""B"" protection - \$2.00 per hour  
 EPA Level ""C"" protection - \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, tower cranes, and derricks with or without

attachments with a lifting capacity of over 100 tons; or cranes, tower cranes, and derricks with boom, leads and/or jib lengths measuring 176 feet or longer.

GROUP 2: Cranes, tower cranes and derricks with or without attachments with a lifting capacity of 100 tons or less; or cranes, tower cranes, and derricks with boom, leads, and/or jibs lengths measuring 175 feet or under and Backhoes (excavators) weighing 130,000 lbs and over; caisson rigs; pile driver; dredge operator; dredge engineer; Boat Pilot.

GROUP 3: Mechanic or welder - Heavy duty equipment; cranes with a lifting capacity of 25 tons or under; concrete breaker (manual or remote); vibratory/sonic concrete breaker; concrete laser screed; concrete slipform paver; concrete batch plant operator; concrete pvt. spreader - heavy duty (rubber tired); concrete spreader & distributor; automatic subgrader (concrete); concrete grinder & planing machine; concrete slipform curb & gutter machine; slipform concrete placer; tube finisher; hydro blaster (10,000 psi & over); bridge paver; concrete conveyor system; concrete pump; Rotec type Conveyor; stabilizing mixer (self-propelled); shoulder widener; asphalt plant engineer; bituminous paver; bump cutter & grooving machine; milling machine; screed (bituminous paver); asphalt heater, planer & scarifier; Backhoes (excavators) weighing under 130,000 lbs; grader or motor patrol; tractor (scraper, dozer, pusher, loader); scraper - rubber tired (single or twin engine); endloader; hydraulic backhoe (tractor type); trenching machine; skid rigs; tractor, side boom (heavy); drilling or boring machine (mechanical heavy); roller over 5 tons; percussion or rotary drilling machine; air track; blaster; loading machine (conveyor); tugger; boatmen; winches & A-frames; post driver; material hoist.

GROUP 4: Greaser, roller steel (5 tons or less); roller (pneumatic tired) - self propelled; tractor (mounted or towed compactors & light equipment); shouldering machine; self-propelled chip spreader; concrete spreader; finishing machine; mechanical float; curing machine; power subgrader; joint sawer (multiple blade) belting machine; burlap machine; texturing machine; tractor endloader (rubber tired) - light; jeep digger; forklift; mulcher; launch operator; fireman, environmental burner

GROUP 5: Air compressor; power pack; vibrator hammer and extractor; heavy equipment, leadman; tank car heaters; stump chipper; curb machine operator; Concrete proportioning plants; generators; mudjack operator; rock breaker; crusher or screening plant; screed (milling

machine); automatic belt conveyor and surge bin; pug mill operator; Oiler, pump (over 3 inches); Drilling Machine Tender.

GROUP 6: Off-road material hauler with or without ejector.

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IRON0008-002 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 37.31	27.62

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

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IRON0008-003 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 39.11	27.87

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

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IRON0383-001 06/01/2020

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST, GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA, JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON, MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA, WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 37.10	27.06

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IRON0498-005 06/01/2019

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

	Rates	Fringes
IRONWORKER.....	\$ 40.25	40.53

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IRON0512-008 06/03/2019

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

	Rates	Fringes
IRONWORKER.....	\$ 37.60	29.40

-----  
IRON0512-021 06/03/2019

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

	Rates	Fringes
IRONWORKER.....	\$ 33.19	29.40

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LAB00113-002 06/01/2020

MILWAUKEE AND WAUKESHA COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 30.05	22.26
Group 2.....	\$ 30.20	22.26
Group 3.....	\$ 30.40	22.26
Group 4.....	\$ 30.55	22.26
Group 5.....	\$ 30.70	22.26
Group 6.....	\$ 26.54	22.26

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer;  
Demolition and Wrecking Laborer; Guard Rail, Fence, and  
Bridge Builder; Landscaper; Multiplate Culvert Assembler;

Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagperson; traffic control person

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LAB00113-003 06/01/2020

OZAUKEE AND WASHINGTON COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 29.30	22.26
Group 2.....	\$ 29.40	22.26
Group 3.....	\$ 29.45	22.26
Group 4.....	\$ 29.65	22.26
Group 5.....	\$ 29.50	22.26
Group 6.....	\$ 26.39	22.26

LABORERS CLASSIFICATIONS

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

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson and Traffic Control Person

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LAB00113-011 06/01/2020

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 29.11	22.26
Group 2.....	\$ 29.26	22.26
Group 3.....	\$ 29.46	22.26
Group 4.....	\$ 29.43	22.26
Group 5.....	\$ 29.76	22.26
Group 6.....	\$ 26.25	22.26

LABORERS CLASSIFICATIONS:

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

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagman; traffic control person

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LAB00140-002 06/01/2020

ADAMS, ASHLAND, BARRON, BAYFIELD, BROWN, BUFFALO, BURNETT,

CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DODGE, DOOR,  
 DOUGLAS, DUNN, EAU CLAIRE, FLORENCE, FOND DU LAC, FOREST,  
 GRANT, GREEN, GREEN LAKE, IRON, JACKSON, JUNEAU, IOWA,  
 JEFFERSON, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN,  
 MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, MONROE,  
 OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE, POLK, PORTAGE, PRICE,  
 RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST.  
 CROIX, TAYLOR, TREMPEALEAU, VERNON, VILLAS, WALWORTH, WASHBURN,  
 WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 33.72	17.95
Group 2.....	\$ 33.82	17.95
Group 3.....	\$ 33.87	17.95
Group 4.....	\$ 34.07	17.95
Group 5.....	\$ 33.92	17.95
Group 6.....	\$ 30.35	17.95

LABORER CLASSIFICATIONS

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

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson; Traffic Control

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 LAB00464-003 06/01/2020

DANE COUNTY



	Rates	Fringes
LABORER		
Group 1.....	\$ 34.00	17.95
Group 2.....	\$ 34.10	17.95
Group 3.....	\$ 34.15	17.95
Group 4.....	\$ 34.35	17.95
Group 5.....	\$ 34.20	17.95
Group 6.....	\$ 30.35	17.95

LABORERS CLASSIFICATIONS:

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

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; Powderman

GROUP 6: Flagperson and Traffic Control Person

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PAIN0106-008 05/01/2017

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

	Rates	Fringes
Painters:		
New:		
Brush, Roller.....	\$ 30.33	17.27
Spray, Sandblast, Steel....	\$ 30.93	17.27
Repaint:		
Brush, Roller.....	\$ 28.83	17.27
Spray, Sandblast, Steel....	\$ 29.43	17.27

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PAIN0108-002 06/01/2019

RACINE COUNTY

	Rates	Fringes
Painters:		
Brush, Roller.....	\$ 36.08	20.36
Spray & Sandblast.....	\$ 37.08	20.36

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PAIN0259-002 05/01/2008

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

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

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PAIN0259-004 05/01/2015

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

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

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PAIN0781-002 06/01/2019

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Painters:		
Bridge.....	\$ 33.30	23.86
Brush.....	\$ 32.95	23.86
Spray & Sandblast.....	\$ 33.70	23.86

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PAIN0802-002 06/01/2019

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

	Rates	Fringes
PAINTER		
Brush.....	\$ 30.93	18.44

PREMIUM PAY:

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

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PAIN0802-003 06/01/2019

ADAMS, BROWN, CALUMET, CLARK, DOOR, FOND DU LAC, FOREST, GREEN LAKE, IRON, JUNEAU, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, PORTAGE, PRICE, SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WAUSHARA, WAUPACA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
PAINTER.....	\$ 30.93	18.58

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PAIN0934-001 06/01/2017

KENOSHA AND WALWORTH COUNTIES

	Rates	Fringes
Painters:		
Brush.....	\$ 33.74	18.95
Spray.....	\$ 34.74	18.95
Structural Steel.....	\$ 33.89	18.95

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PAIN1011-002 06/02/2019

FLORENCE COUNTY

	Rates	Fringes
Painters:.....	\$ 25.76	13.33

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PLAS0599-010 06/01/2017

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
Area 1.....	\$ 39.46	17.17
Area 2 (BAC).....	\$ 35.07	19.75
Area 3.....	\$ 35.61	19.40
Area 4.....	\$ 34.70	20.51
Area 5.....	\$ 36.27	18.73
Area 6.....	\$ 32.02	22.99

AREA DESCRIPTIONS

AREA 1: BAYFIELD, DOUGLAS, PRICE, SAWYER, AND WASHBURN COUNTIES

AREA 2: ADAMS, ASHLAND, BARRON, BROWN, BURNETT, CALUMET, CHIPPEWA, CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE, FOND DU LAC, FOREST, GREEN LAKE, IRON, JEFFERSON, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, POLK, PORTAGE, RUSK, ST CROIX, SAUK, SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WALWORTH, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

AREA 3: BUFFALO, CRAWFORD, EAU CLAIRE, JACKSON, JUNEAU, LA CROSSE MONROE, PEPIN, PIERCE, RICHLAND, TREMPPEALEAU, AND VERNON COUNTIES

AREA 4: MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

AREA 5: DANE, GRANT, GREEN, IOWA, LAFAYETTE, AND ROCK COUNTIES

AREA 6: KENOSHA AND RACINE COUNTIES

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 TEAM0039-001 06/01/2020

	Rates	Fringes
TRUCK DRIVER		
1 & 2 Axles.....	\$ 31.07	22.94
3 or more Axles; Euclids, Dumpton & Articulated, Truck Mechanic.....	\$ 31.22	22.94
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WELL DRILLER.....	\$ 16.52	3.70
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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide

employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

## Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

## Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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## WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on

- a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

"General Decision Number: WI20200008 10/02/2020

Superseded General Decision Number: WI20190008

State: Wisconsin

Construction Types: Heavy (Sewer and Water Line and Tunnel)

Counties: Wisconsin Statewide.

TUNNEL, SEWER & WATER LINE CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Modification Number	Publication Date
0	01/03/2020
1	01/24/2020
2	02/28/2020
3	03/06/2020
4	06/05/2020
5	06/12/2020
6	06/19/2020
7	07/17/2020
8	07/24/2020
9	08/28/2020



10 09/11/2020  
11 09/18/2020  
12 10/02/2020

BRWI0001-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.80	24.28

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BRWI0002-002 06/01/2019

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 39.94	23.30

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BRWI0002-005 06/01/2019

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

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.51	23.37

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BRWI0003-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 34.18	23.90

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BRWI0004-002 06/01/2019

KENOSHA, RACINE, AND WALWORTH COUNTIES

Rates	Fringes
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BRICKLAYER.....\$ 38.43 25.10

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BRWI0006-002 06/01/2019

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

Rates Fringes

BRICKLAYER.....\$ 35.06 23.02

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BRWI0007-002 06/03/2019

GREEN, LAFAYETTE, AND ROCK COUNTIES

Rates Fringes

BRICKLAYER.....\$ 35.57 24.22

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BRWI0008-002 06/01/2019

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

Rates Fringes

BRICKLAYER.....\$ 38.93 24.22

-----  
BRWI0009-001 06/03/2019

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

Rates Fringes

BRICKLAYER.....\$ 34.18 23.90

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BRWI0011-002 06/03/2019

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

Rates Fringes

BRICKLAYER.....\$ 34.18 23.90

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BRWI0013-002 06/03/2019

DANE, GRANT, IOWA, AND RICHLAND COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23

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BRWI0019-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.40	24.68

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BRWI0021-002 06/03/2019

DODGE AND JEFFERSON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.75	24.02

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BRWI0034-002 06/03/2019

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23

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CARP0087-001 05/01/2016

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys  
35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 36.85	18.39

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CARP0252-002 06/01/2016

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO,  
BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA,  
CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except  
area bordering Michigan State Line), FOND DU LAC, FOREST,  
GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON,  
JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN,  
MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE,

MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST CROIX (E. of Hwy 65), TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

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

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 CARP0252-010 06/01/2016

ASHLAND COUNTY

	Rates	Fringes
Carpenters		
Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
Pile Driver.....	\$ 34.12	18.00

-----  
 CARP0264-003 06/01/2016

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

	Rates	Fringes
CARPENTER.....	\$ 35.78	22.11

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 CARP0361-004 05/01/2018

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

	Rates	Fringes
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
PILEDRIVERMAN		
Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69

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 CARP2337-003 06/01/2019

	Rates	Fringes
MILLWRIGHT		
Zone A.....	\$ 33.58	21.53
Zone B.....	\$ 33.58	21.53

ZONE DEFINITIONS

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON COUNTIES

ZONE B: KENOSHA & RACINE COUNTIES

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 ELEC0014-002 06/14/2020

ASHLAND, BARRON, BAYFIELD, BUFFALO, BURNETT, CHIPPEWA, CLARK (except Maryville, Colby, Unity, Sherman, Fremont, Lynn & Sherwood), CRAWFORD, DUNN, EAU CLAIRE, GRANT, IRON, JACKSON, LA CROSSE, MONROE, PEPIN, PIERCE, POLK, PRICE, RICHLAND, RUSK, ST CROIX, SAWYER, TAYLOR, TREMPLEAU, VERNON, AND WASHBURN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 35.98	20.98

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 ELEC0127-002 06/01/2020

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 41.62	30%+12.70

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 \* ELEC0158-002 06/01/2020

BROWN, DOOR, KEWAUNEE, MANITOWOC (except Schleswig), MARINETTE(Wausaukee and area South thereof), OCONTO, MENOMINEE (East of a line 6 miles West of the West boundary of Oconto County), SHAWANO (Except Area North of Townships of Aniwa and

Hutchins) COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 34.77	29.75%+10.26
-----		
ELEC0159-003 08/02/2020		

COLUMBIA, DANE, DODGE (Area West of Hwy 26, except Chester and Emmet Townships), GREEN, LAKE (except Townships of Berlin, Seneca, and St. Marie), IOWA, MARQUETTE (except Townships of Neshkoka, Crystal Lake, Newton, and Springfield), and SAUK COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 41.86	22.67
-----		
ELEC0219-004 06/01/2019		

FLORENCE COUNTY (Townships of Aurora, Commonwealth, Fern, Florence and Homestead) AND MARINETTE COUNTY (Township of Niagara)

	Rates	Fringes
Electricians:		
Electrical contracts over		
\$180,000.....	\$ 33.94	21.80
Electrical contracts under		
\$180,000.....	\$ 31.75	21.73
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* ELEC0242-005 05/31/2020		

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 39.77	28.11
-----		
ELEC0388-002 06/01/2020		

ADAMS, CLARK (Colby, Freemont, Lynn, Mayville, Sherman, Sherwood, Unity), FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON, MARINETTE (Beecher, Dunbar, Goodman & Pembine), MENOMINEE (Area West of a line 6 miles West of the West boundary of Oconto County), ONEIDA, PORTAGE, SHAWANO (Aniwa and Hutchins), VILAS

AND WOOD COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.85	26%+11.20
-----		
ELEC0430-002 06/01/2020		

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 41.86	22.66
-----		
ELEC0494-005 06/01/2020		

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 42.84	25.54
-----		
ELEC0494-006 06/01/2020		

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

	Rates	Fringes
Electricians:.....	\$ 36.32	22.51
-----		
ELEC0577-003 06/01/2019		

CALUMET (except Township of New Holstein), GREEN LAKE (N. part including Townships of Berlin, St Marie, and Seneca), MARQUETTE (N. part including Townships of Crystal Lake, Neshkoro, Newton, and Springfield), OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO COUNTIES

	Rates	Fringes
Electricians:.....	\$ 33.15	28.50%+10.00
-----		
ELEC0890-003 06/01/2020		

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

RACINE (Burlington Township), ROCK AND WALWORTH COUNTIES

	Rates	Fringes
Electricians:.....	\$ 37.41	25.95%+11.11
-----		
ENGI0139-003 06/01/2020		

REMAINING COUNTIES

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 42.92	23.15
Group 2.....	\$ 41.67	23.15
Group 3.....	\$ 39.97	23.15
Group 4.....	\$ 39.44	23.15
Group 5.....	\$ 37.37	23.15
Group 6.....	\$ 35.84	23.15

HAZARDOUS WASTE PREMIUMS:

- EPA Level "A" Protection: \$3.00 per hour
- EPA Level "B" Protection: \$2.00 per hour
- EPA Level "C" Protection: \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, Tower Cranes and Derricks with or without attachments with a lifting capacity of over 100 tons; Cranes, Tower Cranes, and Derricks with boom, leads and/or jib lengths 176 ft or longer.

GROUP 2: Backhoes (Excavators) weighing 130,00 lbs and over; Cranes, Tower Cranes and Derricks with or without attachments with a lifting capacity of 100 tons or less; Cranes, Tower Cranes, and Derricks with boom, leads, and/or jib lengths 175 ft or less; Caisson Rigs; Pile Driver

GROUP 3: Backhoes (Excavators) weighing under 130,000 lbs; Travelling Crane (bridge type); Milling Machine; Concrete Paver over 27 E; Concrete Spreader and Distributor; Concrete Laser Screed; Concrete Grinder and Planing Machine; Slipform Curb and Gutter Machine; Boring Machine (Directional); Dredge Operator; Skid Rigs; over 46 meter Concrete Pump.

GROUP 4: Hydraulic Backhoe (tractor or truck mounted); Hydraulic Crane, 10 tons or less; Tractor, Bulldozer, or End Loader (over 40 hp); Motor Patrol; Scraper Operator;



Bituminous Plant and Paver Operator; Screed-Milling Machine; Roller over 5 tons; Concrete pumps 46 meter and under; Grout Pumps; Rotec type machine; Hydro Blaster, 10,000 psi and over; Rotary Drill Operator; Percussion Drilling Machine; Air Track Drill with or without integral hammer; Blaster; Boring Machine (vertical or horizontal); Side Boom; Trencher, wheel type or chain type having 8 inch or larger bucket; Rail Leveling Machine (Railroad); Tie Placer; Tie Extractor; Tie Tamper; Stone Leveler; Straddle Carrier; Material Hoists; Stack Hoist; Man Hoists; Mechanic and Welder; Off Road Material Haulers.

GROUP 5: Tractor, Bulldozer, or Endloader (under 40 hp); Tampers -Compactors, riding type; Stump Chipper, large; Roller, Rubber Tire; Backfiller; Trencher, chain type (bucket under 8 inch); Concrete Auto Breaker, large; Concrete Finishing Machine (road type); Concrete Batch Hopper; Concrete Conveyor Systems; Concrete Mixers, 14S or over; Pumps, Screw Type and Gypsum); Hydrohammers, small; Brooms and Sweepers; Lift Slab Machine; Roller under 5 tons; Industrial Locomotives; Fireman (Pile Drivers and Derricks); Pumps (well points); Hoists, automatic; A-Frames and Winch Trucks; Hoists (tuggers); Boats (Tug, Safety, Work Barges and Launches); Assistant Engineer

GROUP 6: Shouldering Machine Operator; Farm or Industrial Tractor mounted equipment; Post Hole Digger; Auger (vertical and horizontal); Skid Steer Loader with or without attachments; Robotic Tool Carrier with or without attachments; Power Pack Vibratory/Ultra Sound Driver and Extractor; Fireman (Asphalt Plants); Screed Operator; Stone Crushers and Screening Plants; Air, Electric, Hydraulic Jacks (Slip Form); Prestress Machines; Air Compressor, 400 CFM or over; Refrigeration Plant/Freeze Machine; Boiler Operators (temporary heat); Forklifts; Welding Machines; Generators; Pumps over 3"; Heaters, Mechanical; Combination small equipment operator; Winches, small electric; Oiler; Greaser; Rotary Drill Tender; Conveyor; Elevator Operator

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 ENGI0139-007 06/01/2020

DODGE, FOND DU LAC, JEFFERSON, KENOSHA, MILWAUKEE, OZAUKEE, RACINE, SHEBOYGAN, WALWORTH, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 41.64	23.25

Group 2.....	\$ 40.86	23.25
Group 3.....	\$ 39.91	23.25
Group 4.....	\$ 38.86	23.25
Group 5.....	\$ 37.46	23.25

HAZARDOUS WASTE PREMIUMS:

EPA Level ""A"" Protection: \$3.00 per hour  
 EPA Level ""B"" Protection: \$2.00 per hour  
 EPA Level ""C"" Protection: \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, Tower Cranes, and Derricks with or without attachments, with a lifting capacity of over 100 tons; or Cranes, Tower Cranes, and Derricks with boom, leads, and/or jib lengths measuring 176 feet or longer; Backhoes (Excavators) 130,000 lbs and over; Caisson Rigs and Pile Drivers

GROUP 2: Cranes, Tower Cranes and Derricks with or without attachments with a lifting capacity of 100 tons or under; or Cranes, Tower Cranes, and Derricks with boom, lead, and/or jib lengths measuring 175 feet or under; Backhoes (Excavators) under 130,000 lbs; Skid Rigs; Dredge Operator: Traveling Crane (Bridge type); Concrete Paver over 27 E; Concrete Spreader and Distributor; Concrete Pumps and Boring Machines (directional)

GROUP 3: Material Hoists; Stack Hoists; Tractor or Truck mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane, 5 tons or under; Manhoist; Tractor over 40 hp; Bulldozer over 40 hp; Endloader over 40 hp; Forklift, 25 ft and over; Motor Patrol; Scraper Operator; Sideboom; Straddle Carrier; Mechanic and Welder; Bituminous Plant and Paver Operator; Roller over 5 tons; Percussion Drill Operator; Rotary Drill Operator; Blaster; Air Track Drill; Trencher (wheel type or chain type having over 8 inch bucket); Elevator; Milling Machine and Boring Machine (horizontal or vertical); Backhoe Mounted Compactor

GROUP 4: Backfiller; Concrete Auto Breaker (large); Concrete Finishing Machine (road type); Roller, Rubber Tire; Concrete Batch Hopper; Concrete Conveyor System; Concrete Mixers (14S or over); Screw type Pumps and Gypsum Pumps; Grout Pumps; Tractor, Bulldozer, End Loader, under 40 hp; Pumps (well points); Trencher (chain type 8 inch or smaller bucket); Industrial Locomotives; Roller under 5 tons; Fireman (Piledrivers and Derricks); Robotic Tool Carrier with or without attachments.

GROUP 5: Hoists (Automatic); Forklift, 12 ft to 25 ft; Tamper-Compactors, riding type; A-Frame and Winch Trucks; Concrete Auto Breaker; Hydrohammer, small; Brooms and Sweepers; Hoist (Tuggers); Stump Chipper, large; Boats (Tug, Safety, Work Barges and Launch); Shouldering Machine Operator; Screed Operator; Farm or Industrial Tractor; Post Hole Digger; Stone Crushers and Screening Plants; Firemen (Asphalt Plants); Air Compressor (400 CFM or over); Augers (vertical and horizontal); Generators, 150 KW and over; Air, Electric Hydraulic Jacks (Slipform); Prestress Machines; Skid Steer Loader with or without attachments; Boiler operators (temporary heat); Forklift, 12 ft and under; Screed Operator Milling Machine; Refrigeration Plant/Freeze Machine; Power Pack Vibratory/Ultra Sound Driver and Extractor; Generators under 150 KW; Combination small equipment operator; Compressors under 400 CFM; Welding Machines; Heaters, Mechanical; Pumps; Winches, Small Electric; Oiler and Greaser; Conveyor; High pressure utility locating machine (daylighting machine).

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 IRON0008-002 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 37.31	27.62

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

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 IRON0008-003 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 39.11	27.87

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.  
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IRON0383-001 06/01/2020

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST, GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA, JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON, MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA, WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 37.10	27.06

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IRON0498-005 06/01/2019

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

	Rates	Fringes
IRONWORKER.....	\$ 40.25	40.53

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IRON0512-008 06/03/2019

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

	Rates	Fringes
IRONWORKER.....	\$ 37.60	29.40

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IRON0512-021 06/03/2019

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

	Rates	Fringes
IRONWORKER.....	\$ 33.19	29.40

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LAB00113-004 06/01/2020

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

Rates	Fringes
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Laborers: (Open Cut)		
Group 1.....	\$ 16.38	21.08
Group 2.....	\$ 18.65	21.08
Group 3.....	\$ 22.19	21.08
Group 4.....	\$ 31.56	21.08
Group 5.....	\$ 31.70	21.08
Group 6.....	\$ 31.76	21.08
Group 7.....	\$ 34.77	21.08
Group 8.....	\$ 37.59	21.08
Group 9.....	\$ 38.23	21.08

LABORERS CLASSIFICATIONS [OPEN CUT]

GROUP 1: Yard Laborer

GROUP 2: Landscaper

GROUP 3: Flag Person

GROUP 4: Paving Laborer

GROUP 5: General Laborer on Surface; Top Man

GROUP 6: Mud Mixer

GROUP 7: Mucker; Form Stripper; Bottom Digger and Misc;  
Bottom Man and Welder on Surface

GROUP 8: Concrete Manhole Builder; Caisson Worker; Miner;  
Pipe Layer; Rock Driller and Joint Man; Timber Man and  
Concrete Brusher; Bracer in Trench Behind Machine & Tight  
Sheeting; Concrete Formsetter and Shoveler; Jackhammer  
Operator

GROUP 9: Blaster

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LAB00113-005 06/01/2020

SEWER, TUNNEL & UNDERGROUND

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
Laborers:		
Group 1.....	\$ 23.05	21.08
Group 2.....	\$ 28.98	21.08
Group 3.....	\$ 32.34	21.08

Group 4.....\$ 34.11 21.08

TUNNEL WORK UNDER COMPRESSED AIR: 0-15 lbs add \$1.00, 15-30 lbs add \$2.00, over 30 lbs add \$3.00

LABORERS CLASSIFICATIONS

GROUP 1: Flagperson

GROUP 2: Top Man, General Laborer, Wellpoint Installation, Wire Mesh and Reinforcement, Concrete Worker, Form Stripper, Strike-off Work

GROUP 3: Machine and Equipment Operator, Sheeting, Form Setting, Patch Finisher, Bottom Man, Joint Sawyer, Gunnite Man, Manhole Builder, Welder-Torchman, Blaster, Caulker, Bracer, Bull Float, Conduit Worker, Mucker and Car Pusher, Raker and Luteman, Hydraulic Jacking of Shields, Shield Drivers, Mining Machine, Lock Tenders, Mucking Machine Operator, Motor Men & Gauge Tenders and operation of incidental Mechanical Equipment and all Power Driven Tools

GROUP 4: Pipelayer, Miner and Laser Operator

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LAB00113-008 06/01/2020

MILWAUKEE, OZAUKEE, WASHINGTON & WAUKESHA COUNTIES

	Rates	Fringes
Laborers: (Tunnel-Free Air)		
Group 1.....	\$ 22.19	21.08
Group 2.....	\$ 31.70	21.08
Group 3.....	\$ 31.76	21.08
Group 4.....	\$ 34.77	21.08
Group 5.....	\$ 34.91	21.08
Group 6.....	\$ 37.59	21.08
Group 7.....	\$ 38.23	21.08

LABORERS CLASSIFICATIONS [TUNNEL - FREE AIR]:

GROUP 1: Flagperson

GROUP 2: General Laborer on surface; Tower Man

GROUP 3: Saw Man; Top Man

GROUP 4: Form Stripper; Car Pusher

GROUP 5: Mucker; Dinkey; Welder (rate on surface)

GROUP 6: Concrete Manhole Builder; Mucking Machine; Miner; Mining Machine; Welder; Rock Driller; Concrete Buster; Jack Hammer Operator; Caisson Worker; Pipelayer and Joint Man; Bracerman

GROUP 7: Blaster

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\* LABO0113-009 06/01/2020

MILWAUKEE, OZAUKEE, WASHINGTON & WAUKESHA COUNTIES

	Rates	Fringes
Laborers: (Tunnel -		
*COMPRESSED AIR 0 - 15 lbs.)		
Group 1.....	\$ 22.19	21.08
Group 2.....	\$ 31.70	21.08
Group 3.....	\$ 35.31	21.08
Group 4.....	\$ 36.11	21.08
Group 5.....	\$ 36.23	21.08
Group 6.....	\$ 38.93	21.08
Group 7.....	\$ 39.55	21.08

LABORERS CLASSIFICATIONS [TUNNEL - COMPRESSED AIR]:

- \*Compressed Air 15 - 30 lbs add \$2.00 to all classifications
- \*Compressed Air over 30 lbs add \$3.00 to all classifications

GROUP 1: Flagperson

GROUP 2: General Laborer on surface

GROUP 3: Lock Tender on surface

GROUP 4: Form Stripper; Car Pusher

GROUP 5: Mucker; Dinkey

GROUP 6: Mucking Machine; Miner; Mining Machine; Welder & Rock Driller; Lock Tender in tunnel; Concrete Buster; Jack Hammer Operator; Caisson Worker; Pipelayer and Joint Man; Bracerman; Nozzle Man on Gunite; Timber Man; Concrete Brusher

GROUP 7: Blaster

NOTE: Hazardous & Toxic Waste Removal: add \$0.15 per hour.

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LAB00140-005 06/01/2020

ADAMS, ASHLAND, BARRON, BROWN, BUFFALO, CALUMET, CHIPPEWA,  
CLARK, COLUMBIA, CRAWFORD, DODGE, DOOR, DUNN, EAU CLAIRE,  
FLORENCE, FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA,  
JACKSON, JEFFERSON, JUNEAU, LACROSSE, LAFAYETTE, LANGLADE,  
LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE,  
MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE, POLK,  
PORTAGE, PRICE, RICHLAND, ROCK, RUSK, ST CROIX, SAUK, SAWYER,  
SHAWANO, SHEBOYGAN, TAYLOR, TREMMPEALEAU, VERNON, VILAS,  
WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD  
COUNTIES

	Rates	Fringes
LABORER (SEWER & WATER)		
Group 1.....	\$ 29.33	17.88
Group 2.....	\$ 31.18	17.88
Group 3.....	\$ 31.48	17.88
Group 4.....	\$ 32.13	17.88

FOR ALL TUNNEL WORK UNDER COMPRESSED AIR: 0-15 lbs add \$1.00,  
15-30 lbs add \$2.00, over 30 lbs add \$3.00

LABORER CLASSIFICATIONS:

GROUP 1: Flagperson

GROUP 2: General Laborer, Wellpoint Installation; Form  
Stripper; Strike Off worker

GROUP 3: Sheeting Formsetting; Patch Finisher; Bottom Man;  
Joint Sawyer; Gunnite Man; Manhole Builder; Welder;  
Torchman; Blaster; Caulker Bracer; Bull Float; Mucker and  
Car Pusher; Raker and Luteman; Hydraulic jacking of  
shields, Shield Drivers; Mining Machine; Lock Tenders;  
Mucking Machine Operators; Motor Men and Gauge Tenders;  
Power Tool Operators

GROUP 4: Pipelayer, Miner, and Laser Operator

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LAB00464-002 06/01/2020

DANE AND DOUGLAS COUNTIES



	Rates	Fringes
LABORER		
Group 1.....	\$ 29.23	17.88
Group 2.....	\$ 31.43	17.88
Group 3.....	\$ 31.63	17.88
Group 4.....	\$ 32.38	17.88

FOR ALL TUNNEL WORK UNDER COMPRESSED AIR: 0 - 15 lbs add \$1.00, 15- 30 lbs add \$2.00, over 30 lbs add \$3.00

LABORERS CLASSIFICATIONS:

GROUP 1: Flagperson

GROUP 2: General Laborer; Wellpoint Installation; Concrete Worker; Form Stripper; Strike Off worker

GROUP 3: Sheeting Formsetting; Patch Finisher; Bottom Man; Joint Sawyer; Gunnite Man; Manhole Builder; Welder; Torchman; Blaster; Caulker Bracer; Bull Float; Mucker and Car Pusher; Raker and Luteman; Hydraulic jacking of shields, Shield Drivers; Mining Machine; Lock Tenders; Mucking Machine Operators; Motor Men and Gauge Tenders; Power Tool Operators

GROUP 4: Pipelayer, Miner, and Laser Operator

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LAB01091-010 06/01/2020

BAYFIELD, BURNETT, IRON, SAWYER, AND WASHBURN COUNTIES

	Rates	Fringes
Laborers: (SEWER & WATER)		
Group 1.....	\$ 29.02	17.88
Group 2.....	\$ 31.08	17.88
Group 3.....	\$ 31.28	17.88
Group 4.....	\$ 32.03	17.88

FOR ALL TUNNEL WORK UNDER COMPRESSED AIR:  
0 - 15 lbs add \$1.00, 15-30 lbs add \$2.00, over 30 lbs add \$3.00

LABORERS CLASSIFICATIONS:

GROUP 1: Flagperson

GROUP 2: Laborers, Wellpoint Installation; Form Stripper; Strike Off worker

GROUP 3: Sheeting Formsetting; Patch Finisher; Bottom Man; Joint Sawyer; Gunnite Man; Manhole Builder; Welder; Torchman; Blaster; Caulker Bracer; Bull Float; Mucker and Car Pusher; Raker and Luteman; Hydraulic jacking of shields, Shield Drivers; Mining Machine; Lock Tenders; Mucking Machine Operators; Motor Men and Gauge Tenders; Power Tool Operators

GROUP 4: Pipelayer, Miner, and Laser Operator

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PLAS0599-010 06/01/2017

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
Area 1.....	\$ 39.46	17.17
Area 2 (BAC).....	\$ 35.07	19.75
Area 3.....	\$ 35.61	19.40
Area 4.....	\$ 34.70	20.51
Area 5.....	\$ 36.27	18.73
Area 6.....	\$ 32.02	22.99

AREA DESCRIPTIONS

AREA 1: BAYFIELD, DOUGLAS, PRICE, SAWYER, AND WASHBURN COUNTIES

AREA 2: ADAMS, ASHLAND, BARRON, BROWN, BURNETT, CALUMET, CHIPPEWA, CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE, FOND DU LAC, FOREST, GREEN LAKE, IRON, JEFFERSON, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, POLK, PORTAGE, RUSK, ST CROIX, SAUK, SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WALWORTH, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

AREA 3: BUFFALO, CRAWFORD, EAU CLAIRE, JACKSON, JUNEAU, LA CROSSE MONROE, PEPIN, PIERCE, RICHLAND, TREMPPEALEAU, AND VERNON COUNTIES

AREA 4: MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

AREA 5: DANE, GRANT, GREEN, IOWA, LAFAYETTE, AND ROCK

COUNTIES

AREA 6: KENOSHA AND RACINE COUNTIES

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TEAM0039-001 06/01/2020

	Rates	Fringes
TRUCK DRIVER		
1 & 2 Axles.....	\$ 31.07	22.94
3 or more Axles; Euclids, Dumptor & Articulated, Truck Mechanic.....	\$ 31.22	22.94
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WELL DRILLER.....	\$ 16.52	3.70
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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an

interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

"General Decision Number: WI20200015 10/02/2020

Superseded General Decision Number: WI20190015

State: Wisconsin

Construction Type: Heavy

Counties: Wisconsin Statewide.

HEAVY CONSTRUCTION PROJECTS (Excluding Tunnel, Sewer, and Water Lines).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Modification Number	Publication Date
0	01/03/2020
1	01/24/2020
2	02/28/2020
3	03/06/2020
4	06/05/2020
5	06/12/2020
6	06/19/2020
7	07/03/2020
8	07/17/2020
9	07/24/2020

10	08/28/2020
11	09/11/2020
12	09/18/2020
13	10/02/2020

BOIL0107-001 01/01/2017

	Rates	Fringes
BOILERMAKER		
Boilermaker.....	\$ 35.65	29.89
Small Boiler Repair (under 25,000 lbs/hr).....	\$ 26.91	16.00

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BRWI0001-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.80	24.28

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BRWI0002-002 06/01/2019

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 39.94	23.30

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BRWI0002-005 06/01/2019

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

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.51	23.37

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BRWI0003-002 06/03/2019

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



	Rates	Fringes
BRICKLAYER.....	\$ 34.18	23.90
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BRWI0004-002 06/01/2019		

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.43	25.10
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BRWI0006-002 06/01/2019		

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

	Rates	Fringes
BRICKLAYER.....	\$ 35.06	23.02
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BRWI0007-002 06/03/2019		

GREEN, LAFAYETTE, AND ROCK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.57	24.22
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BRWI0008-002 06/01/2019		

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.93	24.22
-----		
BRWI0009-001 06/03/2019		

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

	Rates	Fringes
BRICKLAYER.....	\$ 34.18	23.90
-----		
BRWI0011-002 06/03/2019		

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.18	23.90
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BRWI0013-002 06/03/2019		

DANE, GRANT, IOWA, AND RICHLAND COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23
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BRWI0019-002 06/03/2019		

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.40	24.68
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BRWI0021-002 06/03/2019		

DODGE AND JEFFERSON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.75	24.02
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BRWI0034-002 06/03/2019		

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23
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CARP0087-001 05/01/2016		

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys  
35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 36.85	18.39

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CARP0252-002 06/01/2016

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO, BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except area bordering Michigan State Line), FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST CROIX (E. of Hwy 65), TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

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

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CARP0252-010 06/01/2016

ASHLAND COUNTY

	Rates	Fringes
Carpenters		
Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
Pile Driver.....	\$ 34.12	18.00

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CARP0264-003 06/01/2016

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

	Rates	Fringes
CARPENTER.....	\$ 35.78	22.11

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CARP0361-004 05/01/2018

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

	Rates	Fringes
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
PILEDRIVERMAN		
Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69

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 CARP2337-003 06/01/2019

	Rates	Fringes
MILLWRIGHT		
Zone A.....	\$ 33.58	21.53
Zone B.....	\$ 33.58	21.53

ZONE DEFINITIONS

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON COUNTIES

ZONE B: KENOSHA & RACINE COUNTIES

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 ELEC0014-002 06/14/2020

ASHLAND, BARRON, BAYFIELD, BUFFALO, BURNETT, CHIPPEWA, CLARK  
 (except Maryville, Colby, Unity, Sherman, Fremont, Lynn &  
 Sherwood), CRAWFORD, DUNN, EAU CLAIRE, GRANT, IRON, JACKSON, LA  
 CROSSE, MONROE, PEPIN, PIERCE, POLK, PRICE, RICHLAND, RUSK, ST  
 CROIX, SAWYER, TAYLOR, TREMPLEAU, VERNON, AND WASHBURN  
 COUNTIES

	Rates	Fringes
Electricians:.....	\$ 35.98	20.98

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 ELEC0014-007 07/05/2020

REMAINING COUNTIES

	Rates	Fringes
Teledata System Installer Installer/Technician.....	\$ 27.75	15.14

Low voltage construction, installation, maintenance and removal of teledata facilities (voice, data, and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated systems digital network).

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ELEC0127-002 06/01/2020

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 41.62	30%+12.70

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\* ELEC0158-002 06/01/2020

BROWN, DOOR, KEWAUNEE, MANITOWOC (except Schleswig), MARINETTE(Wausaukee and area South thereof), OCONTO, MENOMINEE (East of a line 6 miles West of the West boundary of Oconto County), SHAWANO (Except Area North of Townships of Aniwa and Hutchins) COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 34.77	29.75%+10.26

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ELEC0159-003 08/02/2020

COLUMBIA, DANE, DODGE (Area West of Hwy 26, except Chester and Emmet Townships), GREEN, LAKE (except Townships of Berlin, Seneca, and St. Marie), IOWA, MARQUETTE (except Townships of Neshkoka, Crystal Lake, Newton, and Springfield), and SAUK COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 41.86	22.67

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ELEC0219-004 06/01/2019

FLORENCE COUNTY (Townships of Aurora, Commonwealth, Fern, Florence and Homestead) AND MARINETTE COUNTY (Township of Niagara)

	Rates	Fringes
Electricians:		
Electrical contracts over \$180,000.....	\$ 33.94	21.80
Electrical contracts under \$180,000.....	\$ 31.75	21.73

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 \* ELEC0242-005 05/31/2020

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 39.77	28.11

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 ELEC0388-002 06/01/2020

ADAMS, CLARK (Colby, Freemont, Lynn, Mayville, Sherman, Sherwood, Unity), FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON, MARINETTE (Beecher, Dunbar, Goodman & Pembine), MENOMINEE (Area West of a line 6 miles West of the West boundary of Oconto County), ONEIDA, PORTAGE, SHAWANO (Aniwa and Hutchins), VILAS AND WOOD COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.85	26%+11.20

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 ELEC0430-002 06/01/2020

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 41.86	22.66

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 ELEC0494-005 06/01/2020

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 42.84	25.54

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ELEC0494-006 06/01/2020

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

	Rates	Fringes
Electricians:.....	\$ 36.32	22.51

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ELEC0494-013 06/07/2020

DODGE (East of Hwy 26 including Chester Twp, excluding Emmet Twp), FOND DU LAC (Except Waupun), MILWAUKEE, OZAUKEE, MANITOWOC (Schleswig), WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 21.46	18.52
Technician.....	\$ 31.34	20.00

Installation, testing, maintenance, operation and servicing of all sound, intercom, telephone interconnect, closed circuit TV systems, radio systems, background music systems, language laboratories, electronic carillon, antenna distribution systems, clock and program systems and low-voltage systems such as visual nurse call, audio/visual nurse call systems, doctors entrance register systems. Includes all wire and cable carrying audio, visual, data, light and radio frequency signals. Includes the installation of conduit, wiremold, or raceways in existing structures that have been occupied for six months or more where required for the protection of the wire or cable, but does not mean a complete conduit or raceway system. work covered does not include the installation of conduit, wiremold or any raceways in any new construction, or the installation of power supply outlets by means of which external electric power is supplied to any of the foregoing equipment or products

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ELEC0577-003 06/01/2019

CALUMET (except Township of New Holstein), GREEN LAKE (N. part including Townships of Berlin, St Marie, and Seneca), MARQUETTE (N. part including Townships of Crystal Lake, Neshkoro, Newton,

and Springfield), OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO  
 COUNTIES

	Rates	Fringes
Electricians:.....	\$ 33.15	28.50%+10.00
-----		
ELEC0890-003 06/01/2020		

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

	Rates	Fringes
Electricians:.....	\$ 37.41	25.95%+11.11
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ELEC0953-001 06/02/2019		

	Rates	Fringes
Line Construction:		
(1) Lineman.....	\$ 47.53	21.43
(2) Heavy Equipment Operator.....	\$ 42.78	19.80
(3) Equipment Operator.....	\$ 38.02	18.40
(4) Heavy Groundman Driver..	\$ 33.27	16.88
(5) Light Groundman Driver..	\$ 30.89	16.11
(6) Groundsman.....	\$ 26.14	14.60
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ENGI0139-001 06/01/2020		

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

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 47.66	23.15
Group 2.....	\$ 47.16	23.15
Group 3.....	\$ 46.66	23.15
Group 4.....	\$ 45.97	23.15
Group 5.....	\$ 42.39	23.15
Group 6.....	\$ 37.24	23.15

HAZARDOUS WASTE PREMIUMS:  
 EPA Level ""A"" Protection: \$3.00 per hour  
 EPA Level ""B"" Protection: \$2.00 per hour



EPA Level "C" Protection: \$1.00 per hour

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, Tower Cranes, Pedestal Tower Cranes and Derricks with or w/o attachments with a lifting capacity of over 100 tons; or Cranes, Tower Cranes, Pedestal Tower Cranes and Derricks with boom, leads, and/or jib lengths measuring 176 feet or longer; Self-Erecting Tower Cranes over 4000 lbs lifting capacity; All Cranes with Boom Dollies; Boring Machines (directional); Master Mechanic. \$0.50 additional per hour per 100 tons or 100 ft of boom over 200 ft or lifting capacity of crane over 200 tons to a maximum of 300 tons or 300 ft. Thereafter an increase of \$0.01 per ft or ton, whichever is greater.

GROUP 2: Cranes, Tower Cranes, Pedestal Tower Cranes and Derricks with or without attachments with a lifting capacity of 100 tons or less; or Cranes, Tower Cranes Portable Tower Cranes, Pedestal Tower Cranes and Derricks with boom, leads and/or jib lengths measuring 175 feet or less; Backhoes (excavators) 130,000 lbs and over; Caisson Rigs; Pile Drivers; Boring Machines (vertical or horizontal), Versi-Lift, Tri-Lift, Gantry 20,000 lbs & over.

GROUP 3: Backhoe (excavator) under 130,000 lbs; Self-erecting Tower Crane 4000 lbs & under lifting capacity; Traveling Crane (bridge type); Skid Rigs; Dredge Operator; Mechanic; Concrete Paver (over 27E); Concrete Spreader and Distributor; Forklift/ Telehandler (machinery- moving / steel erection); Hydro Blaster, 10,000 psi and over

GROUP 4: Material Hoists; Stack Hoists; Hydraulic Backhoe (tractor or truck mounted); Hydraulic Crane, 5 tons or under (tractor or truck mounted); Hoist (tuggers 5 tons & over); Hydro-Excavators/Daylighters; Concrete Pumps Rotec type Conveyors; Tractor/Bulldozer/End Loader (over 40 hp); Motor Patrol; Scraper Operator; Sideboom; Straddle Carrier; Welder; Bituminous Plant and Paver Operator; Roller over 5 tons; Rail Leveling Machine (Railroad); Tie Placer; Tie Extractor; Tie Tamper; Stone Leveler; Rotary Drill Operator and Blaster; Percussion Drill Operator; Air Track Drill and/or Hammers; Gantry (under 20,000 lbs); Tencher (wheel type or chain type having 8 inch or larger bucket); Milling Machine; Off-Road Material Haulers.

GROUP 5: Backfiller; Concrete Auto Breaker (large); Concrete Finishing Machines (road type); Rubber Tired Roller; Concrete Batch Hopper; Concrete Conveyor Systems; Grout Pumps; Concrete Mixers (14S or over); Screw Type Pumps and

Gypsum Pumps; Tractor, Bulldozer, End Loader (under 40 hp); Trencher (chain type, bucket under 8 inch); Industrial Locomotives; Rollers under 5 tons; Stump Grinder/Chipper (Large); Timber Equipment; Firemen (pile drivers and derricks); Personnel Hoist, Telehandler over 8000 lbs; Robotic Tool Carrier with or without attachments

GROUP 6: Tampers - Compactors (riding type); Assistant Engineer; A-Frames and Winch Trucks; Concrete Auto Breaker; Hydrohammers (small); Brooms and Sweepers; Hoist (tuggers under 5 tons); Boats (Tug, Safety, Work Barges, Launch); Shouldering Machine Operator; Prestress Machines; Screed Operator; Stone Crushers and Screening Plants; Screed Operators (milling machine), Farm or Industrial Tractor Mounted Equipment; Post Hole Digger; Fireman (asphalt plants); Air Compressors over 400 CFM; Generators, over 150 KW; Augers (vertical and horizontal); Air, Electric, Hydraulic Jacks (slipform); Skid Steer Loaders (with or without attachments); Boiler Operators (temporary heat); Refrigeration Plant/Freeze Machines; Power Pack Vibratory/Ultra Sound Drivers and Extractors; Welding Machines; Heaters (mechanical); Pumps; Winches (small electric); Oiler and Greaser; Rotary Drill Tender; Conveyor; Forklifts/Telehandler 8000 lbs & under; Elevators: Automatic Hoists; Pumps (well points); Combination Small Equipment Operators

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 ENGI0139-003 06/01/2020

REMAINING COUNTIES

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 42.92	23.15
Group 2.....	\$ 41.67	23.15
Group 3.....	\$ 39.97	23.15
Group 4.....	\$ 39.44	23.15
Group 5.....	\$ 37.37	23.15
Group 6.....	\$ 35.84	23.15

HAZARDOUS WASTE PREMIUMS:  
 EPA Level "A" Protection: \$3.00 per hour  
 EPA Level "B" Protection: \$2.00 per hour  
 EPA Level "C" Protection: \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, Tower Cranes and Derricks with or without

attachments with a lifting capacity of over 100 tons;  
Cranes, Tower Cranes, and Derricks with boom, leads and/or  
jib lengths 176 ft or longer.

GROUP 2: Backhoes (Excavators) weighing 130,000 lbs and over;  
Cranes, Tower Cranes and Derricks with or without  
attachments with a lifting capacity of 100 tons or less;  
Cranes, Tower Cranes, and Derricks with boom, leads, and/or  
jib lengths 175 ft or less; Caisson Rigs; Pile Driver

GROUP 3: Backhoes (Excavators) weighing under 130,000 lbs;  
Travelling Crane (bridge type); Milling Machine; Concrete  
Paver over 27 E; Concrete Spreader and Distributor;  
Concrete Laser Screed; Concrete Grinder and Planing  
Machine; Slipform Curb and Gutter Machine; Boring Machine  
(Directional); Dredge Operator; Skid Rigs; over 46 meter  
Concrete Pump.

GROUP 4: Hydraulic Backhoe (tractor or truck mounted);  
Hydraulic Crane, 10 tons or less; Tractor, Bulldozer, or  
End Loader (over 40 hp); Motor Patrol; Scraper Operator;  
Bituminous Plant and Paver Operator; Screed-Milling  
Machine; Roller over 5 tons; Concrete pumps 46 meter and  
under; Grout Pumps; Rotec type machine; Hydro Blaster,  
10,000 psi and over; Rotary Drill Operator; Percussion  
Drilling Machine; Air Track Drill with or without integral  
hammer; Blaster; Boring Machine (vertical or horizontal);  
Side Boom; Trencher, wheel type or chain type having 8 inch  
or larger bucket; Rail Leveling Machine (Railroad); Tie  
Placer; Tie Extractor; Tie Tamper; Stone Leveler; Straddle  
Carrier; Material Hoists; Stack Hoist; Man Hoists; Mechanic  
and Welder; Off Road Material Haulers.

GROUP 5: Tractor, Bulldozer, or Endloader (under 40 hp);  
Tampers -Compactors, riding type; Stump Chipper, large;  
Roller, Rubber Tire; Backfiller; Trencher, chain type  
(bucket under 8 inch); Concrete Auto Breaker, large;  
Concrete Finishing Machine (road type); Concrete Batch  
Hopper; Concrete Conveyor Systems; Concrete Mixers, 14S or  
over; Pumps, Screw Type and Gypsum); Hydrohammers, small;  
Brooms and Sweepers; Lift Slab Machine; Roller under 5  
tons; Industrial Locomotives; Fireman (Pile Drivers and  
Derricks); Pumps (well points); Hoists, automatic; A-Frames  
and Winch Trucks; Hoists (tuggers); Boats (Tug, Safety,  
Work Barges and Launches); Assistant Engineer

GROUP 6: Shouldering Machine Operator; Farm or Industrial  
Tractor mounted equipment; Post Hole Digger; Auger  
(vertical and horizontal); Skid Steer Loader with or  
without attachments; Robotic Tool Carrier with or without

attachments; Power Pack Vibratory/Ultra Sound Driver and  
 Extractor; Fireman (Asphalt Plants); Screed Operator; Stone  
 Crushers and Screening Plants; Air, Electric, Hydraulic  
 Jacks (Slip Form); Prestress Machines; Air Compressor, 400  
 CFM or over; Refrigeration Plant/Freeze Machine; Boiler  
 Operators (temporary heat); Forklifts; Welding Machines;  
 Generators; Pumps over 3"; Heaters, Mechanical; Combination  
 small equipment operator; Winches, small electric; Oiler;  
 Greaser; Rotary Drill Tender; Conveyor; Elevator Operator

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 IRON0008-002 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 37.31	27.62

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

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 IRON0008-003 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 39.11	27.87

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

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 IRON0383-001 06/01/2020

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST,  
 GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA,  
 JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON,  
 MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern  
 area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA,  
 WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 37.10	27.06
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IRON0512-008 06/03/2019		

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

	Rates	Fringes
IRONWORKER.....	\$ 37.60	29.40
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IRON0512-021 06/03/2019		

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

	Rates	Fringes
IRONWORKER.....	\$ 33.19	29.40
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LABO0113-002 06/01/2020		

MILWAUKEE AND WAUKESHA COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 30.05	22.26
Group 2.....	\$ 30.20	22.26
Group 3.....	\$ 30.40	22.26
Group 4.....	\$ 30.55	22.26
Group 5.....	\$ 30.70	22.26
Group 6.....	\$ 26.54	22.26

LABORERS CLASSIFICATIONS

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

GROUP 2: Air Tool Operator; Joint Sawyer and Filler

(Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated); Chain Saw Operator; Demolition Burning Torch Laborer

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagperson; traffic control person

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LAB00113-003 06/01/2020

OZAUKEE AND WASHINGTON COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 29.30	22.26
Group 2.....	\$ 29.40	22.26
Group 3.....	\$ 29.45	22.26
Group 4.....	\$ 29.65	22.26
Group 5.....	\$ 29.50	22.26
Group 6.....	\$ 26.39	22.26

LABORERS CLASSIFICATIONS

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

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson and Traffic Control Person

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LABO0113-011 06/01/2020

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 29.11	22.26
Group 2.....	\$ 29.26	22.26
Group 3.....	\$ 29.46	22.26
Group 4.....	\$ 29.43	22.26
Group 5.....	\$ 29.76	22.26
Group 6.....	\$ 26.25	22.26

LABORERS CLASSIFICATIONS:

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

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagman; traffic control person

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LABO0140-002 06/01/2020

ADAMS, ASHLAND, BARRON, BAYFIELD, BROWN, BUFFALO, BURNETT, CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DODGE, DOOR, DOUGLAS, DUNN, EAU CLAIRE, FLORENCE, FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IRON, JACKSON, JUNEAU, IOWA, JEFFERSON, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE, POLK, PORTAGE, PRICE,

RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST. CROIX, TAYLOR, TREMPLEAU, VERNON, VILLAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 33.72	17.95
Group 2.....	\$ 33.82	17.95
Group 3.....	\$ 33.87	17.95
Group 4.....	\$ 34.07	17.95
Group 5.....	\$ 33.92	17.95
Group 6.....	\$ 30.35	17.95

LABORER CLASSIFICATIONS

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

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson; Traffic Control

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LAB00464-003 06/01/2020

DANE COUNTY

	Rates	Fringes
LABORER		
Group 1.....	\$ 34.00	17.95
Group 2.....	\$ 34.10	17.95
Group 3.....	\$ 34.15	17.95



Group 4.....	\$ 34.35	17.95
Group 5.....	\$ 34.20	17.95
Group 6.....	\$ 30.35	17.95

LABORERS CLASSIFICATIONS:

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

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

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

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; Powderman

GROUP 6: Flagperson and Traffic Control Person

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PAIN0106-008 05/01/2017

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

	Rates	Fringes
Painters:		
New:		
Brush, Roller.....	\$ 30.33	17.27
Spray, Sandblast, Steel....	\$ 30.93	17.27
Repaint:		
Brush, Roller.....	\$ 28.83	17.27
Spray, Sandblast, Steel....	\$ 29.43	17.27

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PAIN0108-002 06/01/2019

RACINE COUNTY

	Rates	Fringes
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Painters:

Brush, Roller.....	\$ 36.08	20.36
Spray & Sandblast.....	\$ 37.08	20.36

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PAIN0259-002 05/01/2008

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

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

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PAIN0259-004 05/01/2015

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

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

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PAIN0781-002 06/01/2019

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Painters:		
Bridge.....	\$ 33.30	23.86
Brush.....	\$ 32.95	23.86
Spray & Sandblast.....	\$ 33.70	23.86

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PAIN0802-002 06/01/2019

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

	Rates	Fringes
PAINTER		
Brush.....	\$ 30.93	18.44

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

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PAIN0802-003 06/01/2019

ADAMS, BROWN, CALUMET, CLARK, DOOR, FOND DU LAC, FOREST, GREEN LAKE, IRON, JUNEAU, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, PORTAGE, PRICE, SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WAUSHARA, WAUPACA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
PAINTER.....	\$ 30.93	18.58

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PAIN0934-001 06/01/2017

KENOSHA AND WALWORTH COUNTIES

	Rates	Fringes
Painters:		
Brush.....	\$ 33.74	18.95
Spray.....	\$ 34.74	18.95
Structural Steel.....	\$ 33.89	18.95

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PAIN1011-002 06/02/2019

FLORENCE COUNTY

	Rates	Fringes
Painters:.....	\$ 25.76	13.33

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PLAS0599-010 06/01/2017

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
Area 1.....	\$ 39.46	17.17
Area 2 (BAC).....	\$ 35.07	19.75
Area 3.....	\$ 35.61	19.40
Area 4.....	\$ 34.70	20.51
Area 5.....	\$ 36.27	18.73
Area 6.....	\$ 32.02	22.99

AREA DESCRIPTIONS

AREA 1: BAYFIELD, DOUGLAS, PRICE, SAWYER, AND WASHBURN COUNTIES

AREA 2: ADAMS, ASHLAND, BARRON, BROWN, BURNETT, CALUMET,

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

AREA 3: BUFFALO, CRAWFORD, EAU CLAIRE, JACKSON, JUNEAU, LA  
 CROSSE MONROE, PEPIN, PIERCE, RICHLAND, TREMPPEALEAU, AND  
 VERNON COUNTIES

AREA 4: MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

AREA 5: DANE, GRANT, GREEN, IOWA, LAFAYETTE, AND ROCK  
 COUNTIES

AREA 6: KENOSHA AND RACINE COUNTIES

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 PLUM0011-003 05/07/2018

ASHLAND, BAYFIELD, BURNETT, DOUGLAS, IRON, SAWYER, AND WASHBURN  
 COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 40.63	20.72

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 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
PLUMBER.....	\$ 38.82	20.12
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PLUM0111-007 05/28/2018		

MARINETTE COUNTY (Niagara only)

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 33.33	24.48
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PLUM0118-002 06/01/2020		

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
Plumber and Steamfitter.....	\$ 43.95	24.35
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PLUM0400-003 06/04/2018		

ADAMS,BROWN, CALUMET, DODGE (except Watertown), DOOR, FOND DU LAC, GREEN LAKE,KEWAUNEE, MANITOWOC, MARINETTE (except Niagara), MENOMINEE, OCONTO, OUTAGAMIE, SHAWANO, SHEBOYGAN, WAUPACA, WAUSHARA, AND WINNEBAGO COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 36.74	19.06
-----		
PLUM0434-002 05/31/2020		

BARON, BUFFALO, CHIPPEWA, CLARK, CRAWFORD, DUNN, EAU CLAIRE, FLORENCE, FOREST, GRANT, JACKSON, JUNEAU, LA CROSSE, LANGLADE, LINCOLN, MARATHON, MONROE, ONEIDA, PEPIN, PIERCE, POLK, PORTAGE, PRICE, RUSK, ST. CROIX, TAYLOR, TREMPPEALEAU, VERNON, VILAS, AND WOOD COUNTIES

	Rates	Fringes
PIPEFITTER.....	\$ 42.70	20.47
-----		
PLUM0601-003 06/03/2019		

DODGE (Watertown), GREEN, JEFFERSON, LAFAYETTE, MILWAUKEE,  
 OZAUKEE, ROCK, WASHINGTON AND WAUKESHA COUNTIES

	Rates	Fringes
PIPEFITTER.....	\$ 46.89	25.29
-----		
PLUM0601-009 06/04/2017		

COLUMBIA, DANE, IOWA, MARQUETTE, RICHLAND AND SAUK COUNTIES

	Rates	Fringes
PIPEFITTER.....	\$ 47.08	20.89
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TEAM0039-002 06/01/2020		

	Rates	Fringes
TRUCK DRIVER		
1 & 2 Axle Trucks.....	\$ 31.07	22.94
3 or more axles; Euclids or Dumptor, Articulated Truck, Mechanic.....	\$ 31.22	22.94
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SUWI2011-001 11/16/2011		

	Rates	Fringes
WELL DRILLER.....	\$ 16.52	
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WELDERS - Receive rate prescribed for craft performing  
 operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons

resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that

classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

---

#### 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.

=====

END OF GENERAL DECISION"





# Wisconsin Department of Transportation

October 29, 2020

## Division of Transportation Systems Development

Bureau of Project Development  
4822 Madison Yards Way, 4<sup>th</sup> Floor South  
Madison, WI 53705

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

### NOTICE TO ALL CONTRACTORS:

**Proposal #22: 4550-03-71, WISC 2020 543**  
**Elkhart Lake - Kiel**  
**South County Line – STH 32/57**  
**STH 67**  
**Manitowoc County**

**4550-04-71, WISC 2020 544**  
**Plymouth - Kiel**  
**Suhrke Road – North County Line**  
**STH 67**  
**Sheboygan County**

### Letting of November 10, 2020

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

#### Special Provisions:

Revised Special Provisions	
Article No.	Description
15	Archaeological Coordination
28	Pavement Marking and Centerline Rumble Strips, Type 2 Rumble Strip
38	Cured in Place Point Repair, Item SPV.0090.04

#### Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
201.0105	Clearing	STA	63	29	92
201.0120	Clearing	ID	137	16	153
201.0205	Grubbing	STA	63	29	92
201.0220	Grubbing	ID	113	8	121

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
520.3318	Culvert Pipe Class III-A 18-Inch	LF	0	95	95
520.3324	Culvert Pipe Class III-A 24-Inch	LF	0	144	144
520.3336	Culvert Pipe Class III-A 36-Inch	LF	0	105	105

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
522.0118	Culvert Pipe Reinforced Concrete Class III 18-Inch	LF	95	-95	0
522.0124	Culvert Pipe Reinforced Concrete Class III 24-Inch	LF	144	-144	0
522.0136	Culvert Pipe Reinforced Concrete Class III 36-Inch	LF	105	-105	0

**Plan Sheets:**

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
39	Construction Detail – Line style for the cofferdam and the pattern for the temporary diversion channel were not showing up correctly. The drawing was refreshed so those items are depicted correctly.
143	Miscellaneous Quantities – Updates to Clearing and Grubbing items under the 4550-04-71 project including removing rows, adding rows, and updating row data with a change in totals for all four bid items.
153	Miscellaneous Quantities – Bid item number 465.0425 Asphaltic Shoulder Rumble Strips 2-Lane Rural gets a # symbol added after its name with a definition at the bottom of the table to define the shoulder rumble strips as TYPE 1.
155	Miscellaneous Quantities – Bid item number 522.0118 Culvert Pipe Reinforced Concrete Class III 18-Inch was changed to bid item number 520.3318 Culvert Pipe Class III-A 18-Inch. Bid item number 522.0124 Culvert Pipe Reinforced Concrete Class III 24-Inch was changed to bid item number 520.3324 Culvert Pipe Class III-A 24-Inch. Bid item number 522.0136 Culvert Pipe Reinforced Concrete Class III 36-Inch was changed to bid item number 520.3336 Culvert Pipe Class III-A 36-Inch.
211	Plan: STH 67 – Revised description for pipe replacement at STA 152+92 from 1 – CPRC CLASS III 36-INCH REQ'D to 1 – CP CLASS III-A 36-INCH REQ'D
212	Plan: STH 67 – Removed "X" for clearing and grubbing just prior to STA 238+00 LT
213	Plan: STH 67 – Added "X" for clearing and grubbing near STA 252+50 LT, 282+73 LT. Removed "X" for clearing and grubbing near STA 253+60 LT, 258+00 to 258+50 LT, 262+50 to 265+25 LT
215	Plan: STH 67 - Added "X" for clearing and grubbing near STA 417+76 RT, 418+27 RT, 418+28 RT, and 418+88 LT. Removed "X" for clearing and grubbing near STA 414+80 to 416+20 RT, 419+50 to 421+00 RT
216	Plan: STH 67 - Added "X" for clearing and grubbing near STA 422+11 LT, 423+00 LT. Removed "X" for clearing and grubbing near STA 421+00 to 422+00 RT, 430+40 LT, 446+75 LT, 448+25 to 448+75 LT, and 453+50 to 454+00 RT.
217	Plan: STH 67 – Revised description for pipe replacement at STA 482+77 from 1 – CPRC CLASS III 18-INCH REQ'D to 1 – CP CLASS III-A 18-INCH REQ'D Revised description for pipe replacement at STA 527+31 from 1 – CPRC CLASS III 24-INCH REQ'D to 1 – CP CLASS III-A 24-INCH REQ'D Revised description for pipe replacement at STA 528+75 from 1 – CPRC CLASS III 24-INCH REQ'D to 1 – CP CLASS III-A 24-INCH REQ'D
218	Plan: STH 67 – Revised description for pipe replacement at STA 552+43 from 2 – CPRC CLASS III 18-INCH EXTENSIONS REQ'D to 2 – CP CLASS III-A 18-INCH EXTENSIONS REQ'D

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**  
**4550-03-71/4550-04-71**  
**October 29, 2020**

**Special Provisions**

**15. Archaeological Coordination.**

*Replace the entire article language with the following:*

Archaeologically significant sites exist in the project area as follows:

Site	Description	Location
BMN-0092	St. Peter and St. Paul Cemetery	Station 617+00 – 621+00 (LT)
SB-0016 (BSB-0169)	Bugitsquian Village/Becker Village	Station 526+00 – 539+00 (LT and RT)
SB-0131 (47SB131)	Bugitsquian South	Station 505+00 - 516+00 (LT and RT)
SB-0199 (47SB199)	Pink Flamingo	Station 427+00 – 434+00 (LT)
SB-0201 (47SB201)	Collins	Station 163+00 – 170+00 (RT)
BSB-0046	St. John Cemetery	Station 23+00 - 29+00 (RT)

Sites BMN-0092, SB-0016 (BSB-0169), SB-0131, and BSB-0046: WisDOT has received permission from the State Historic Preservation Office (SHPO) to work within the boundaries of these burial sites. This permission only applies to the boundaries of the burial site that lie within the roadway right-of way. A minimum of two weeks prior to beginning any work within the station ranges for these sites, contact Lynn Cloud of the department's Bureau of Technical Services at (608) 266-0099 to determine if the department must appoint an archaeologist to monitor work performed at these locations. Do not use the remainder of these sites outside the roadway right-of-way for borrow, waste disposal, or for the staging of personnel, equipment and/or supplies.

Sites SB-0199 and SB-0201: Do not use these sites for borrow, waste disposal, or for the staging of personnel, equipment and/or supplies.

If a potentially significant archaeological feature or material is discovered during construction operations, halt construction activities in that location and contact the engineer immediately.

**28. Pavement Marking and Centerline Rumble Strips.**

*Replace the entire article language with the following:*

Before installing Centerline Rumble Strips place centerline Temporary Marking Line (Epoxy) 4-Inch. Except where removed with the rumble application, do not remove the centerline Temporary Marking Line (Epoxy) 4-Inch. After the Centerline Rumble Strips have been installed, place permanent centerline Marking Line (Epoxy) 4-Inch.

**38. Cured in Place Point Repair, Item SPV.0090.04.**

*Replace paragraph four under section titled B Materials with the following:*

The cured repair material shall conform to the following structural standards, test method ASTM D790:

Flexural stress	4,500 psi
Flexural Modulus of Elasticity	250,000 psi

*Add the following to the end of section titled E Payment:*

Measured length shall be the distance end to end of the repair including the overlap measured lengthwise along the pipe.

**Schedule of Items**

Attached, dated October 28, 2020, are the revised Schedule of Items Pages 1 – 14.

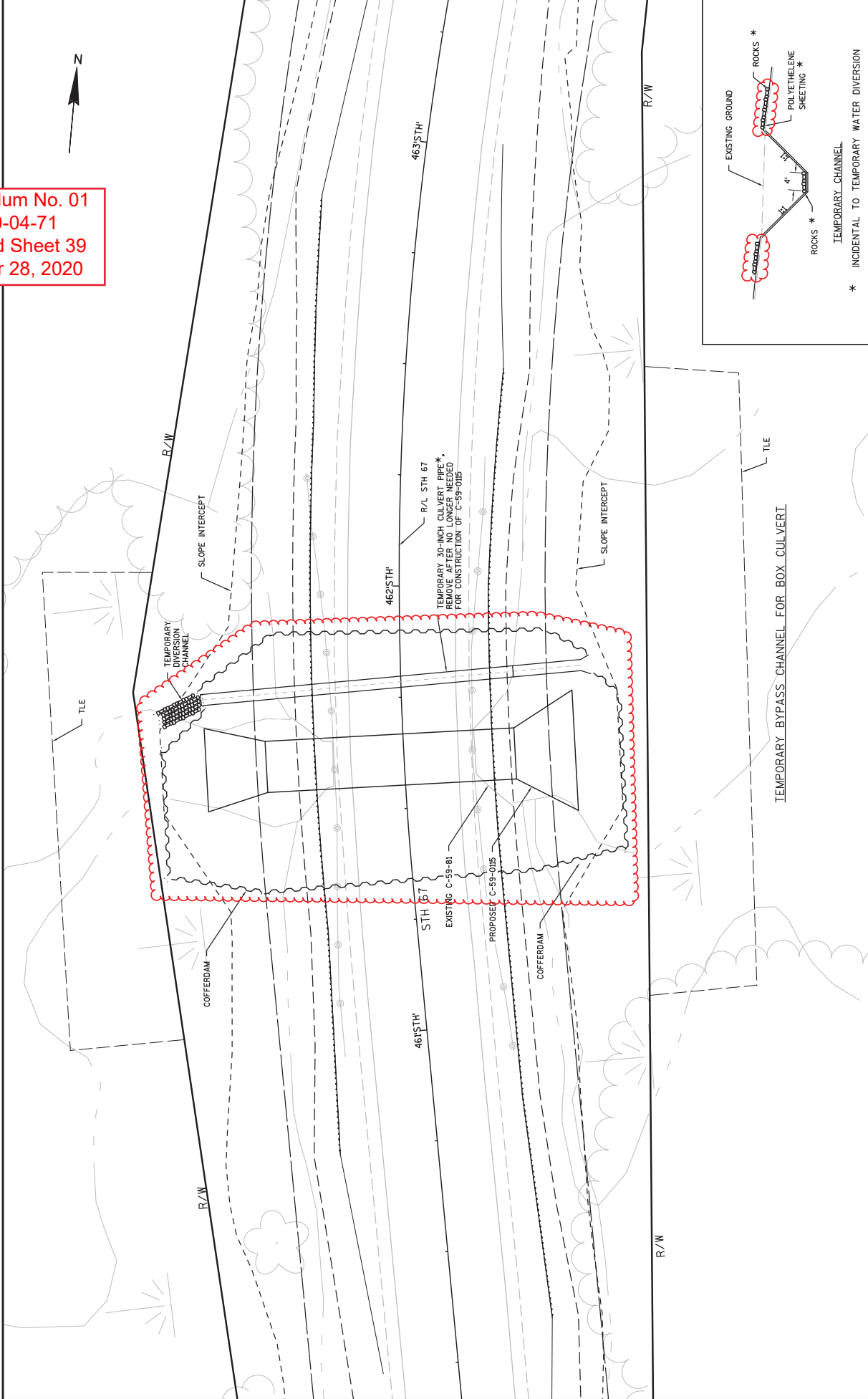
**Plan Sheets**

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:  
Revised: 39, 143, 153, 155, 211, 212, 213, 215, 216, 217 and 218.

END OF ADDENDUM



Addendum No. 01  
ID 4550-04-71  
Revised Sheet 39  
October 28, 2020



PROJECT NO: 4550-04-71	COUNTY: SHEBOYGAN	CONSTRUCTION DETAILS	SHEET 39
FILE NAME : C:\USERS\MM09386-A\DESKTOP\WISDOT_PROJECTS\67TH\DOWNLOADS\45500304_021003-CD.DWG	PLOT DATE : 10/26/2020 11:55 AM	PLOT BY : MORGAN, MARC/ME	PLOT SCALE : *****
LAYOUT NAME - 021007-CD	WISDOT/CADD'S SHEET 42		



Addendum No. 01  
 ID 4550-04-71  
 Revised Sheet 143  
 October 28, 2020

3

CLEARING AND GRUBBING ITEMS

STATION	LOCATION	STA	D	201.0105 CLEARING	201.0120 GRUBBING	201.0220 GRUBBING	204.0245 REMOVING STORM SEWER
CAT 0010							
PROJECT NO: 4550-03-71							
STAGE 1	596+00 - 600+00	20 L	4	--	4	--	
STAGE 1 SUBTOTAL			4	--	4	--	
4550-03-71 TOTAL			4	--	4	--	
PROJECT NO: 4550-04-71							
STAGE 1	42+28	50 R	--	12	--	18	
	46+24	47 R	--	13	--	18	
	245-15	31 L	1	1	1	--	
	252+00 - 253+00	L	1	--	1	--	
	254+00 - 255+00	L	1	--	1	--	
	256+00 - 259+00	L	2	--	2	--	
	259+00 - 263+00	L	2	--	2	--	
	272+00 - 274+00	L	2	--	2	--	
	282+73	35 L	1	1	1	--	
	287+20	37 L	1	1	1	--	
	289+00 - 293+00	35 R	4	4	4	--	
	300+14	70 R	1	1	1	--	
	314+00 - 315+00	R	1	--	1	--	
	316+00 - 321+00	R	5	--	5	--	
	416+00 - 424+00	L & R	8	--	8	--	
	428+45	30 L	--	11	--	10	
	430+37	43 L	--	8	--	8	
	444+00 - 449+00	L & R	5	--	5	--	
	456+00 - 459+00	R	3	--	3	--	
	460+00 - 461+00	R	1	--	1	--	
	462+00 - 463+00	L	1	--	1	--	
	474-39	28 R	2	2	2	4	
	478+00 - 489+00	L & R	11	11	11	--	
	490+00 - 496+00	L & R	6	6	6	--	
	497+00 - 508+00	L & R	11	--	11	--	
	509+00 - 512+00	L & R	3	--	3	--	
	515+00 - 519+00	L & R	4	4	4	--	
	520+00 - 523+00	L & R	3	3	3	--	
	525+00 - 528+00	L & R	3	3	3	--	
	531+00 - 535+00	L & R	4	4	4	--	
	536+04	44 R	--	8	--	8	
	536+20	42 R	--	8	--	8	
	537+00 - 538+00	R	1	--	1	--	
	538-46	20 R	2	2	2	18	
	553-54	L	2	2	2	24	
	554+27	31 L	1	1	1	18	
	565+00 - 567+00	L	2	2	2	121	
STAGE 1 SUBTOTAL			88	113	88	121	
4550-04-71 TOTAL			88	113	88	121	
CONSTRUCTION TOTAL			92	113	92	121	

PIPE REMOVAL ITEMS

STATION	LOCATION	EACH	203.0100 REMOVING SMALL PIPE CULVERTS	203.0200 REMOVING OLD STRUCTURE	204.0185 REMOVING MASONRY	204.0245 REMOVING STORM SEWER
CAT 0010				LS	CY	LF
PROJECT NO: 4550-03-71						
STAGE 1	627+86 - 627+94	LT	--	--	--	8
	578+65	LT	1	--	1	--
	606+50	R/T/L	2	--	2	--
SUBTOTAL			3	--	3	8
4550-03-71 TOTAL			3	--	3	8
PROJECT NO: 4550-04-71						
STAGE 2	32+45	RT	--	--	--	16
	32+67	RT	1	--	--	--
	48+51	RT	--	--	--	16
STAGE 2 SUBTOTAL			1	--	--	32
STAGE 4	48+59 - 48+75	LT	--	--	--	16
STAGE 4 SUBTOTAL			--	--	--	16
MILL & OVERLAY SECTION						
	81+75	RT	1	--	--	--
	133+52	RT	1	--	--	--
	152+92	R/T/L	1	--	--	--
	168+62	RT	1	--	--	--
	257+58	RT	1	--	--	--
	310+38 - 311+03	RT	1	--	--	--
	313+18 - 313+96	RT	1	--	--	--
	315+12 - 315+90	RT	1	--	--	--
	447+25 - 447+75	RT	1	--	--	--
	482+77	R/T/L	1	--	--	--
	501+33 - 501+75	LT	1	--	--	--
	508+31 - 508+75	LT	1	--	--	--
	527+31	R/T/L	1	--	--	--
	527+35 - 528+74	LT	--	1	--	--
	540+25	LT	1	--	--	--
	542+18	LT	1	--	--	--
	552+43	RT	2	--	2	--
MILL & OVERLAY SECTION SUBTOTAL			17	1	2	--
4550-04-71 TOTAL			18	1	2	48
CONSTRUCTION TOTAL			21	1	5	56

PROJECT NO: 4550-04-71 HWY: STH 67 COUNTY: SHEBOYGAN

SHEET 143

PLOT SCALE : #####

PLOT DATE : 10/26/2020 12:47 PM PLOT BY : MORGAN, MARC/KE PLOT NAME :

WISDOT/CADD SHEET 42

3

Addendum No. 01  
ID 4550-04-71  
Revised Sheet 153  
October 28, 2020

**RUMBLE STRIPS**

STATION	LOCATION	465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE/RURAL	465.0475 ASPHALTIC CENTERLINE RUMBLE STRIPS 2-LANE/RURAL
218+13	C.	---	1,452
220+72	LT	1,488	---
221+72	RT	4,751	---
237+65	C.	3,334	3,458
239+62	LT	---	---
275+68	LT	2,244	---
278+15	RT	1,271	---
278+23	RT	---	1,306
291+29	C.	---	276
291+37	RT	227	---
298+03	RT	134	---
298+05	C.	---	369
374+21	C.	---	1,681
374+21	RT	1,565	---
377+37	LT	1,543	---
366+82	C.	---	2,768
396+88	RT	598	---
398+79	LT	2,593	---
403+80	RT	1,810	---
428+35	LT	278	---
428+30	RT	335	---
428+50	C.	---	5,099
432+41	RT	706	---
432+54	LT	224	---
435+60	LT	6,540	---
440+31	RT	663	---
448+02	RT	590	---
454+65	RT	2,528	---
483+09	RT	1,045	---
483+49	C.	---	2,670
484+80	RT	1,572	---
502+05	LT	222	---
505+27	LT	300	---
509+05	LT	1,593	---
513+85	RT	712	---
514+19	C.	---	1,046
521+88	RT	94	---
523+72	RT	536	---
528+65	C.	---	3,772
528+86	LT	645	---
529+84	RT	561	---
535+39	RT	365	---
535+43	LT	343	---
540+62	LT	113	---
540+92	RT	2,800	---
542+59	LT	239	---
545+70	LT	49	---
547+03	LT	338	---
551+26	LT	762	---
559+78	LT	683	---
<b>MILL &amp; OVERLAY SECTION SUBTOTAL</b>		<b>66,629</b>	<b>35,227</b>
<b>4550-04-71 TOTAL</b>		<b>66,629</b>	<b>35,227</b>

**RUMBLE STRIPS**

STATION	LOCATION	465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE/RURAL	465.0475 ASPHALTIC CENTERLINE RUMBLE STRIPS 2-LANE/RURAL
569+76	LT	157	---
570+05	RT	1,619	---
570+37	CL	---	4,676
575+17	LT	482	---
581+17	LT	1,283	---
589+07	RT	3,079	---
595+26	LT	219	---
597+68	LT	1,976	---
<b>MILL &amp; OVERLAY SUBTOTAL</b>		<b>6,675</b>	<b>4,676</b>
<b>4550-03-71 TOTAL</b>		<b>6,675</b>	<b>4,676</b>

**MILL & OVERLAY SECTION**

STATION	LOCATION	465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE/RURAL	465.0475 ASPHALTIC CENTERLINE RUMBLE STRIPS 2-LANE/RURAL
74+22	RT	720	---
80+06	LT	618	---
80+54	CL	---	1,136
82+35	RT	380	---
86+82	RT	981	---
87+01	LT	204	---
90+02	LT	183	---
95+90	CL	---	4,861
97+89	RT	177	---
99+03	LT	965	---
100+79	RT	135	---
103+61	RT	209	---
106+48	LT	720	---
110+60	LT	1,754	---
114+88	LT	767	---
123+67	RT	265	---
127+34	RT	570	---
129+17	LT	131	---
131+47	LT	1,271	---
134+02	RT	480	---
139+91	RT	86	---
148+51	CL	---	1,318
148+65	LT	1,210	---
152+25	LT	1,713	---
163+69	CL	---	1,314
164+39	RT	698	---
170+39	LT	3,201	---
172+44	RT	249	---
178+83	CL	---	1,051
179+57	RT	697	---
183+34	CL	---	531
193+34	RT	337	---
202+62	RT	921	---
205+47	LT	793	---
205+61	CL	---	959

**MILL & OVERLAY SECTION**

STATION	LOCATION	465.0425 ASPHALTIC SHOULDER RUMBLE STRIPS 2-LANE/RURAL	465.0475 ASPHALTIC CENTERLINE RUMBLE STRIPS 2-LANE/RURAL
209+03	RT	1,572	---
209+05	LT	222	---
209+27	LT	300	---
524+98	LT	1,593	---
520+87	RT	712	---
524+85	C.	---	1,046
522+82	RT	94	---
529+08	RT	536	---
566+37	C.	---	3,772
535+41	LT	645	---
535+55	RT	561	---
540+04	RT	365	---
539+86	LT	343	---
541+75	LT	113	---
566+92	RT	2,800	---
544+88	LT	239	---
546+19	LT	49	---
550+41	LT	338	---
558+88	LT	762	---
566+61	LT	683	---
<b>MILL &amp; OVERLAY SECTION SUBTOTAL</b>		<b>66,629</b>	<b>35,227</b>
<b>4550-04-71 TOTAL</b>		<b>66,629</b>	<b>35,227</b>

**CONSTRUCTION TOTAL**

		<b>75,304</b>	<b>39,903</b>
--	--	---------------	---------------

CULVERT PIPES

STATION	LOCATION	EACH	FOR PIPE	COLLARS	CORRUGATED	STEEL	LF	12-INCH	15-INCH	18-INCH	24-INCH	30-INCH	36-INCH	48-INCH	STEEL	CORRUGATED	STEEL	LF	18-INCH	24-INCH	36-INCH	48-INCH	CLASS III-A	LF	CLASS III-A	LF	CLASS III-A	LF	THICKNESS (INCHES)	INLET ELEVATION	DISCHARGE ELEVATION	JOINT TIES	REMARKS			
520.8000*	521.3112	521.3115	521.3118	521.3124	521.3130	521.3136	521.3148																													
CONCRETE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE									
FOR PIPE	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL									
	12-INCH	15-INCH	18-INCH	24-INCH	30-INCH	36-INCH	48-INCH																													
570+90	RT			11																								0.064	908.38							
578+65	LT		1			12																						0.109	898.21							
606+50	R7/LT		2				35																					0.064	924.76	924.56						
MILL & OVERLAY SUBTOTAL		4		46		12																														
4550-03-71 TOTAL		4		46		12																														

PROJECT NO: 4550-03-71

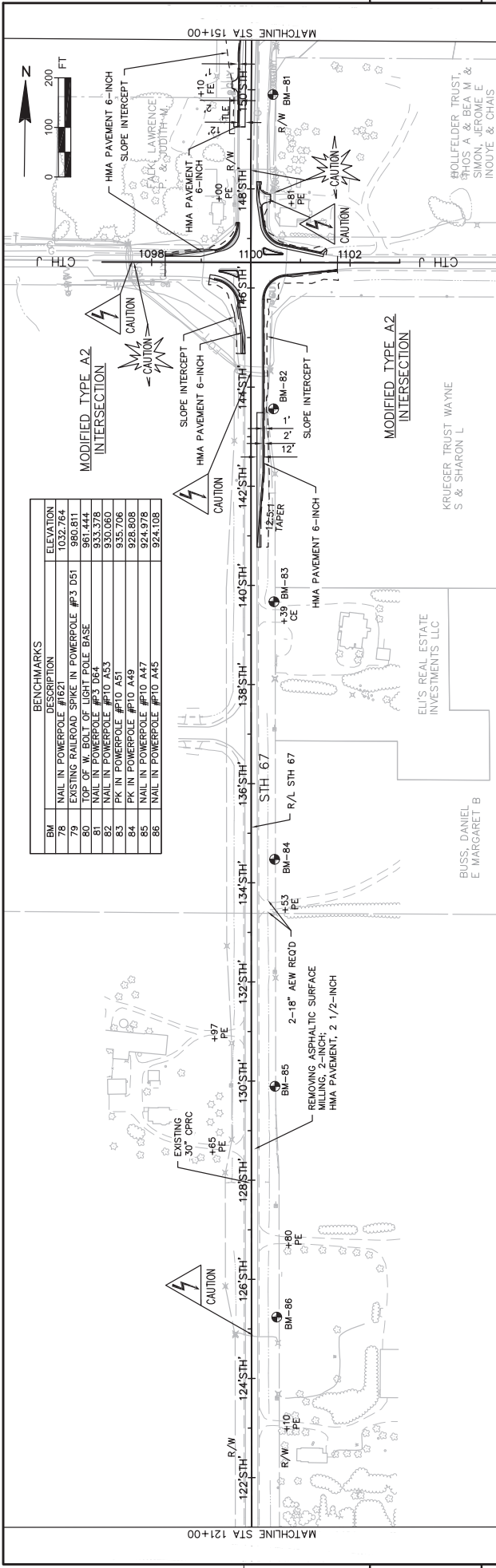
PROJECT NO: 4550-04-71

STATION	LOCATION	EACH	FOR PIPE	COLLARS	CORRUGATED	STEEL	LF	12-INCH	15-INCH	18-INCH	24-INCH	30-INCH	36-INCH	48-INCH	STEEL	CORRUGATED	STEEL	LF	18-INCH	24-INCH	36-INCH	48-INCH	CLASS III-A	LF	CLASS III-A	LF	CLASS III-A	LF	THICKNESS (INCHES)	INLET ELEVATION	DISCHARGE ELEVATION	JOINT TIES	REMARKS				
152+92	R7/LT																											0.079	917.97	917.68							
168+62	RT		2																									0.064	899.14								
310+38	RT																											0.109	919.82	919.62							
313+18	RT																											0.109	921.34	920.96							
315+12	RT																											0.109	922.24	921.82							
426+71	RT		1																									0.064	896.00	896.00							
447+00	R7/LT		2																									0.064	892.25	892.69							
447+25	RT																											0.064	900.58	900.42							
452+76	R7/LT		1																									0.109	889.99								
474+82	RT		1																									0.064	891.85								
482+77	R7/LT																											0.064	899.47	893.53	12						
501+33	LT																											0.064	945.45	944.55							
508+31	LT																											0.064	957.50	956.00							
527+31	R7/LT																											0.064	917.14	912.95	12						
528+75	R7/LT																											0.064	915.49	914.49	12						
552+43	RT		2																									0.064	894.20								
MILL & OVERLAY SECTION SUBTOTAL		9	16	40	84	15	2	183	95	144	105																										
4550-04-71 TOTAL		9	16	40	84	15	2	183	95	144	105																										

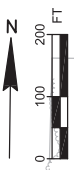
CONSTRUCTION TOTAL

Addendum No. 01  
ID 4550-04-71  
Revised Sheet 155  
October 28, 2020

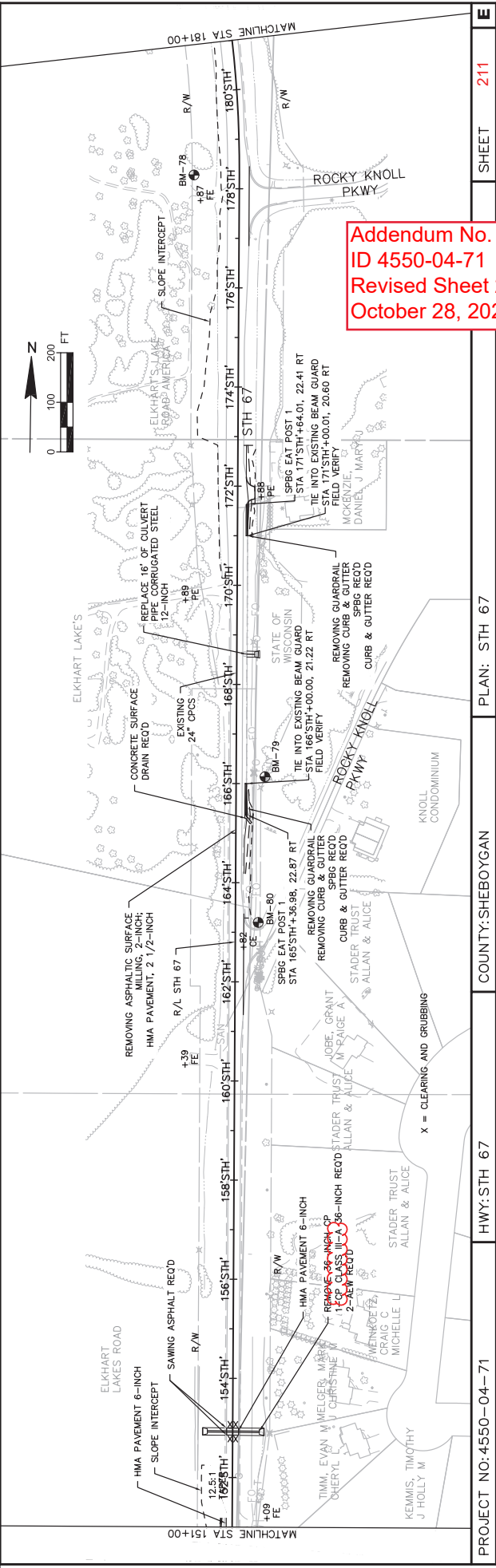
\*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS



BM	DESCRIPTION	ELEVATION
78	NAIL IN POWERPOLE #1621	1032.764
79	EXISTING RAILROAD SPIKE IN POWERPOLE #3 D51	980.811
80	TOP OF W. BOLT OF LIGHT POLE BASE	961.444
81	NAIL IN POWERPOLE #3 D64	933.378
82	NAIL IN POWERPOLE #10 A53	930.060
83	PK IN POWERPOLE #10 A51	935.706
84	NAIL IN POWERPOLE #10 A49	928.608
85	NAIL IN POWERPOLE #10 A47	924.978
86	NAIL IN POWERPOLE #10 A45	924.108

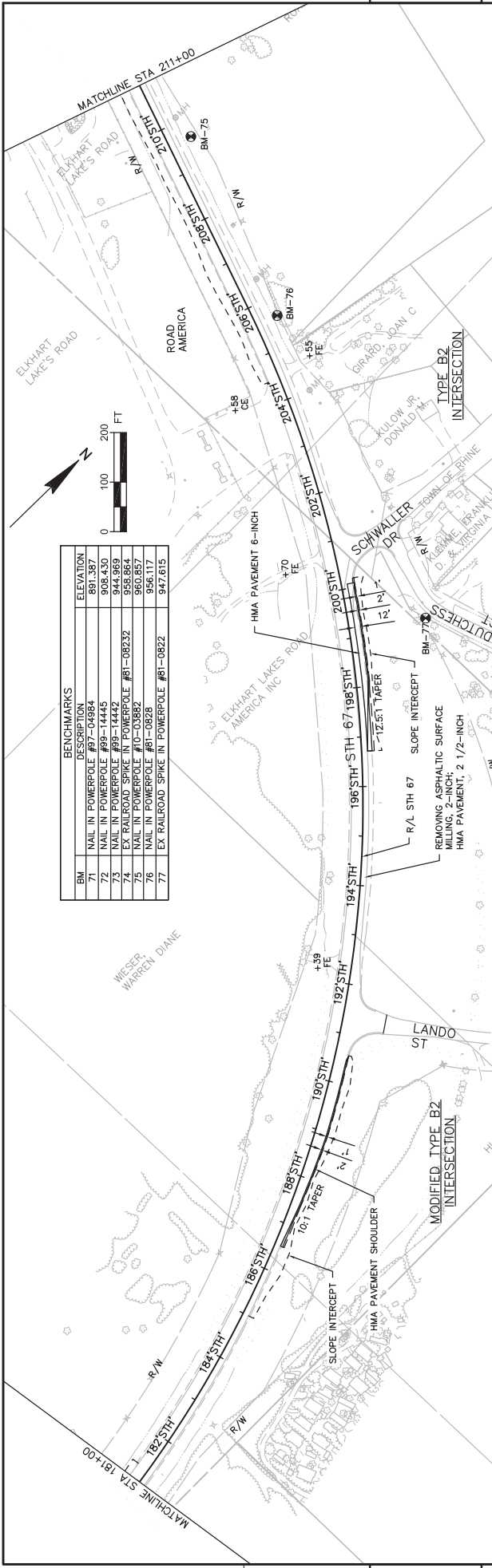


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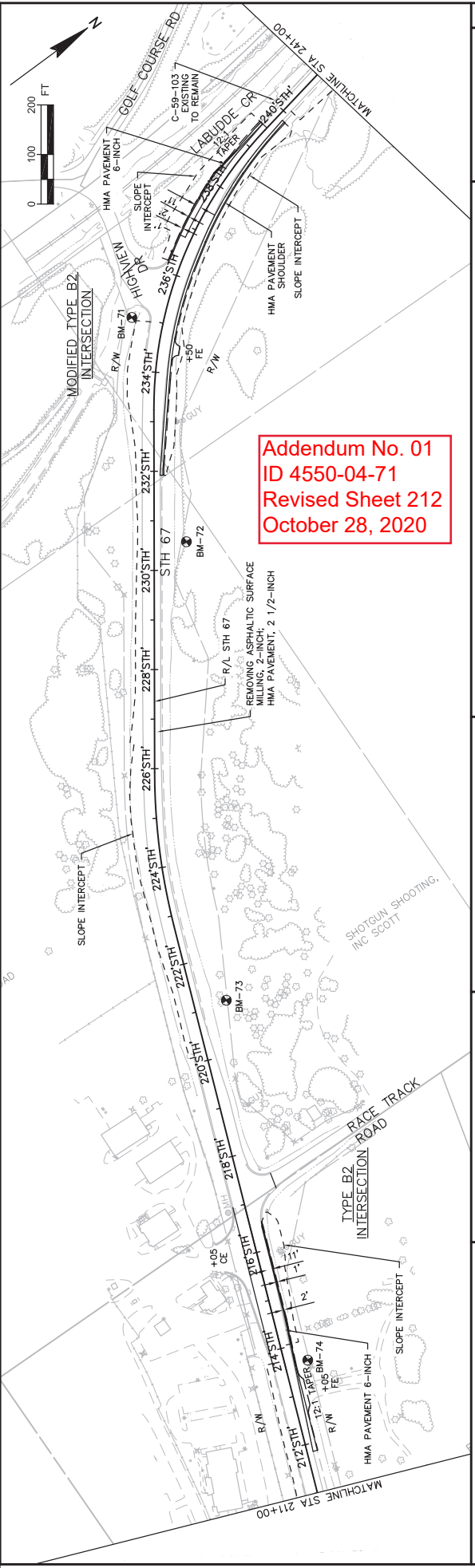
Addendum No. 01  
ID 4550-04-71  
Revised Sheet 211  
October 28, 2020



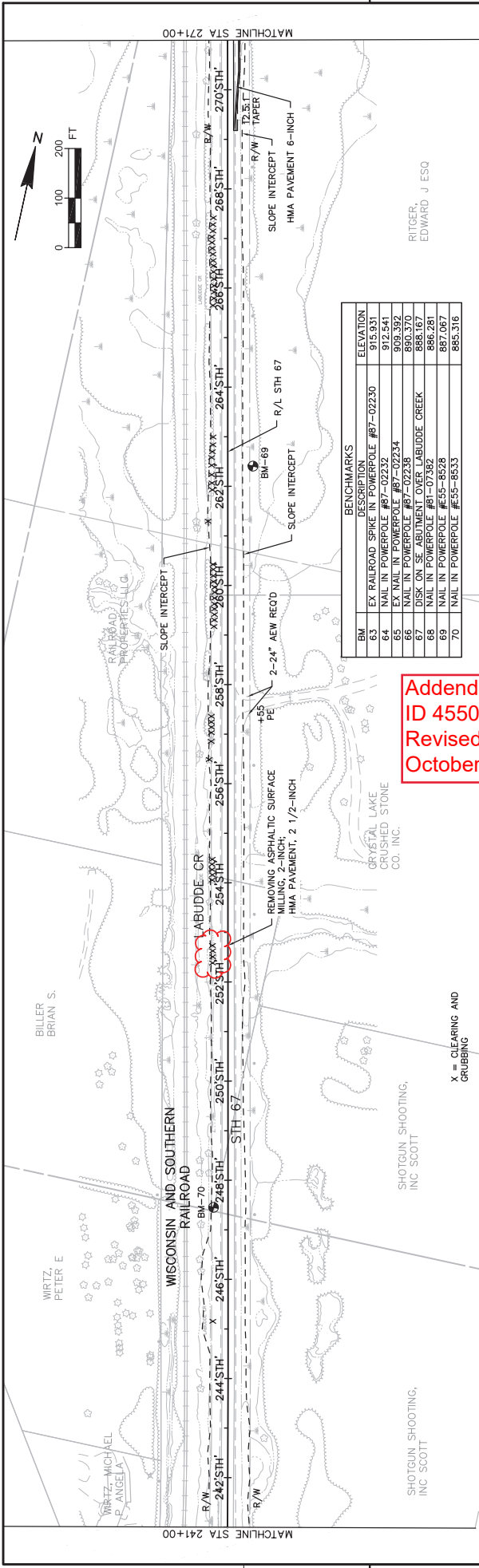
BM	DESCRIPTION	ELEVATION
71	NAIL IN POWERPOLE #97-04984	891.387
72	NAIL IN POWERPOLE #99-12442	905.430
73	NAIL IN POWERPOLE #99-12442	905.430
74	EX RAILROAD SPIKE IN POWERPOLE #91-08232	955.864
75	NAIL IN POWERPOLE #10-03882	960.857
76	NAIL IN POWERPOLE #81-0828	956.117
77	EX RAILROAD SPIKE IN POWERPOLE #91-0822	947.615

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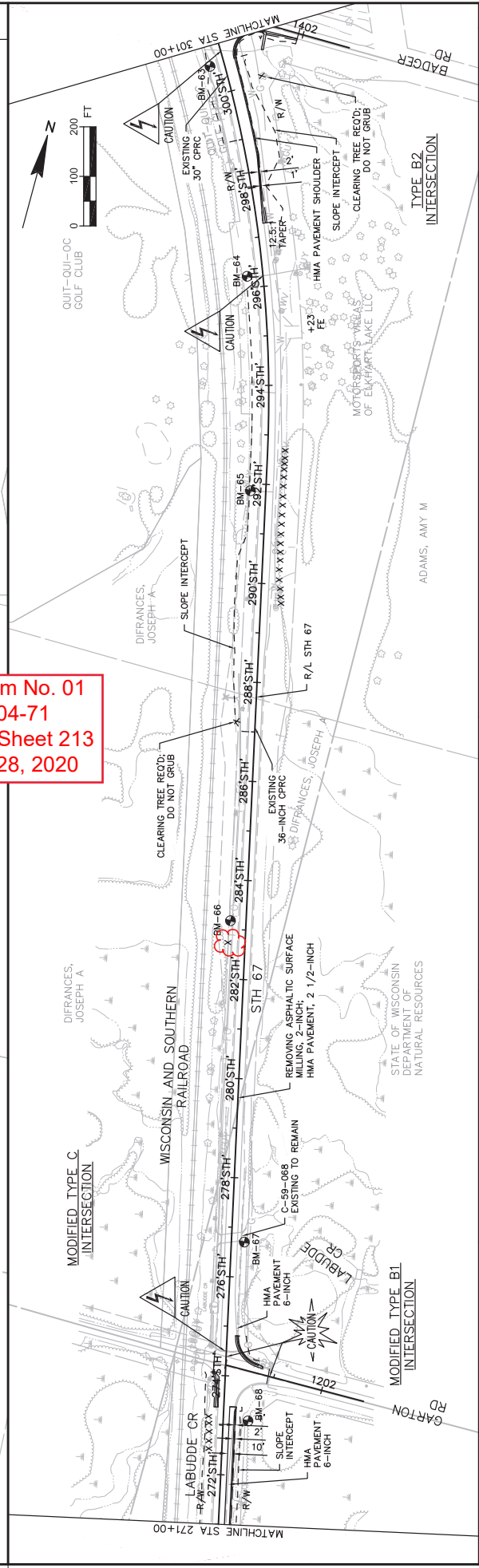


Addendum No. 01  
ID 4550-04-71  
Revised Sheet 212  
October 28, 2020

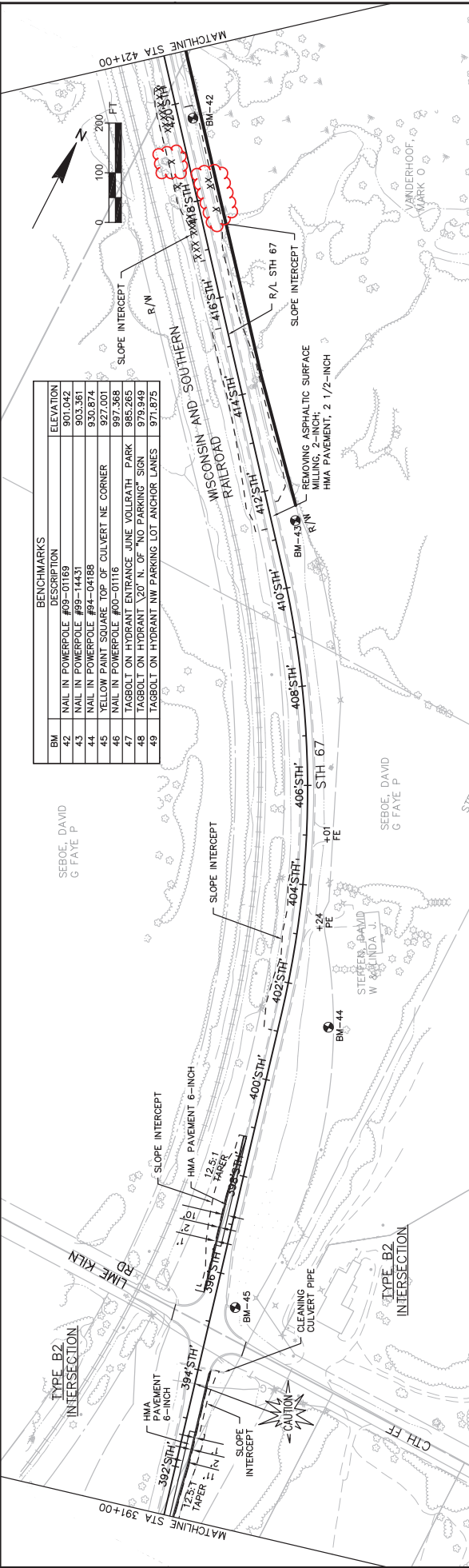
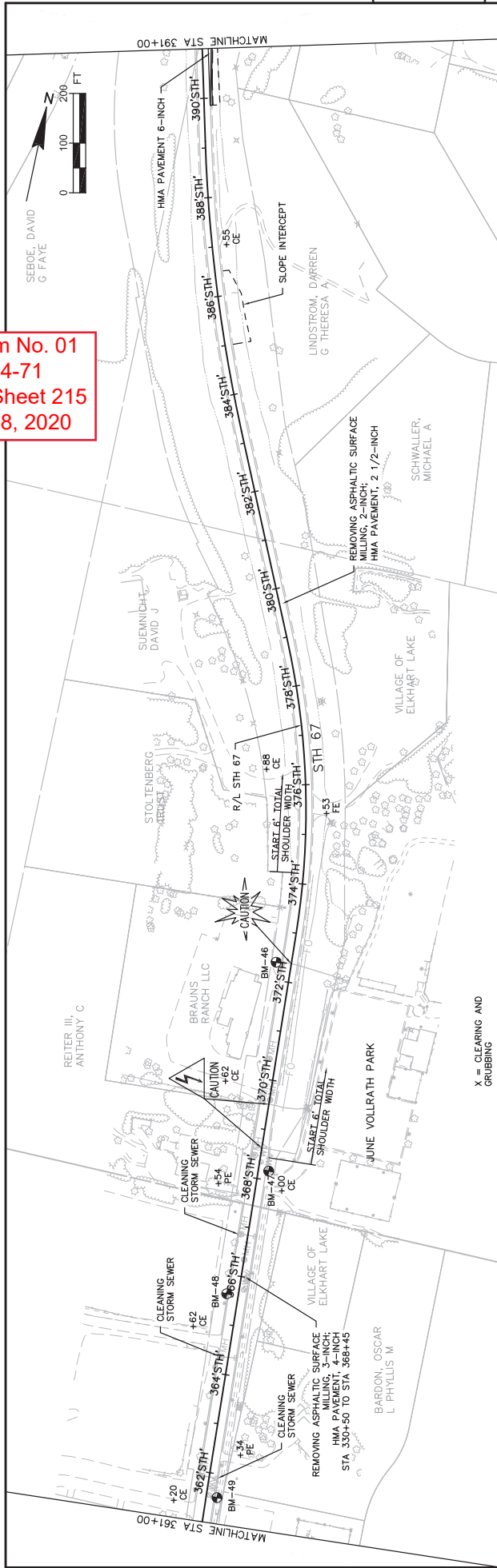


BM	DESCRIPTION	ELEVATION
63	EX RAILROAD SPIKE IN POWERPOLE #87-02230	915.931
64	NAIL IN POWERPOLE #87-02234	912.541
65	EX NAIL IN POWERPOLE #87-02234	910.070
66	NAIL IN POWERPOLE #87-02238	890.370
67	DISK ON SE ABUTMENT OVER LABUDDE CREEK	888.167
68	NAIL IN POWERPOLE #81-07382	886.281
69	NAIL IN POWERPOLE #E55-8528	887.067
70	NAIL IN POWERPOLE #E55-8533	885.316

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 ID 4550-04-71  
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 October 28, 2020



Addendum No. 01  
 ID 4550-04-71  
 Revised Sheet 215  
 October 28, 2020

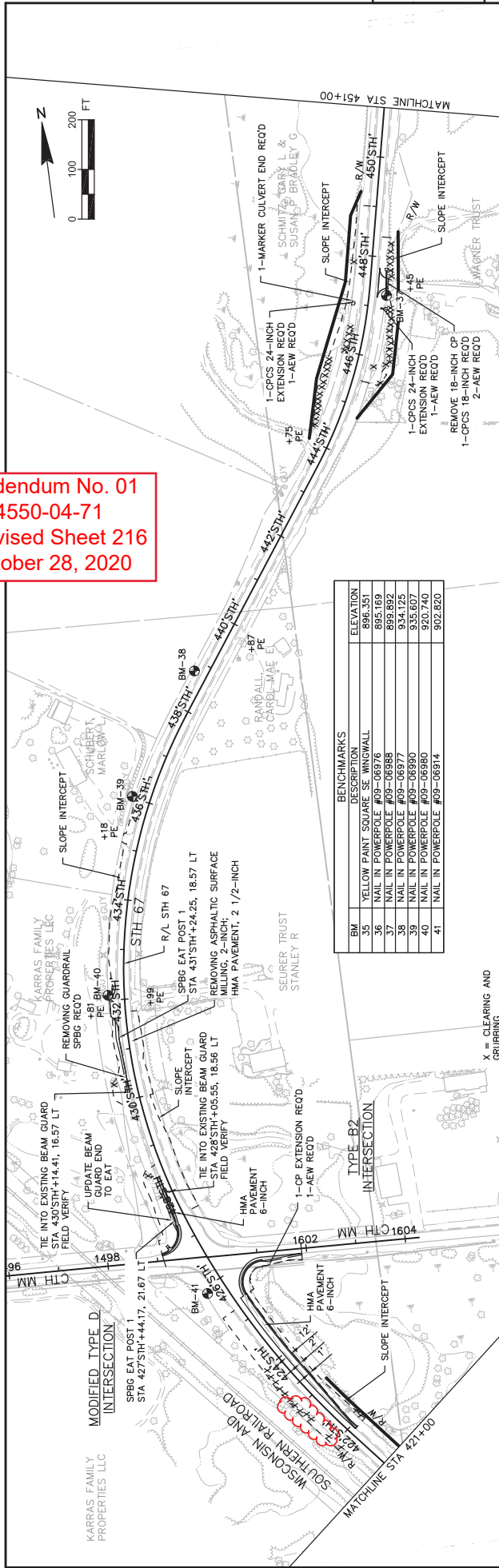


BM	DESCRIPTION	ELEVATION
42	NAIL IN POWERPOLE #09-01169	901.042
43	NAIL IN POWERPOLE #09-11453	903.361
44	NAIL IN POWERPOLE #94-04188	930.874
45	YELLOW PAINT SQUARE TOP OF CULVERT NE CORNER	927.001
46	NAIL IN POWERPOLE #09-01116	997.368
47	TAGBOLT ON HYDRANT ENTRANCE JUNE VOLLRATH PARK	985.263
48	TAGBOLT ON HYDRANT ENTRANCE "MID POWER" SIGN	979.849
49	TAGBOLT ON HYDRANT NW PARKING LOT ANCHOR LINES	971.373

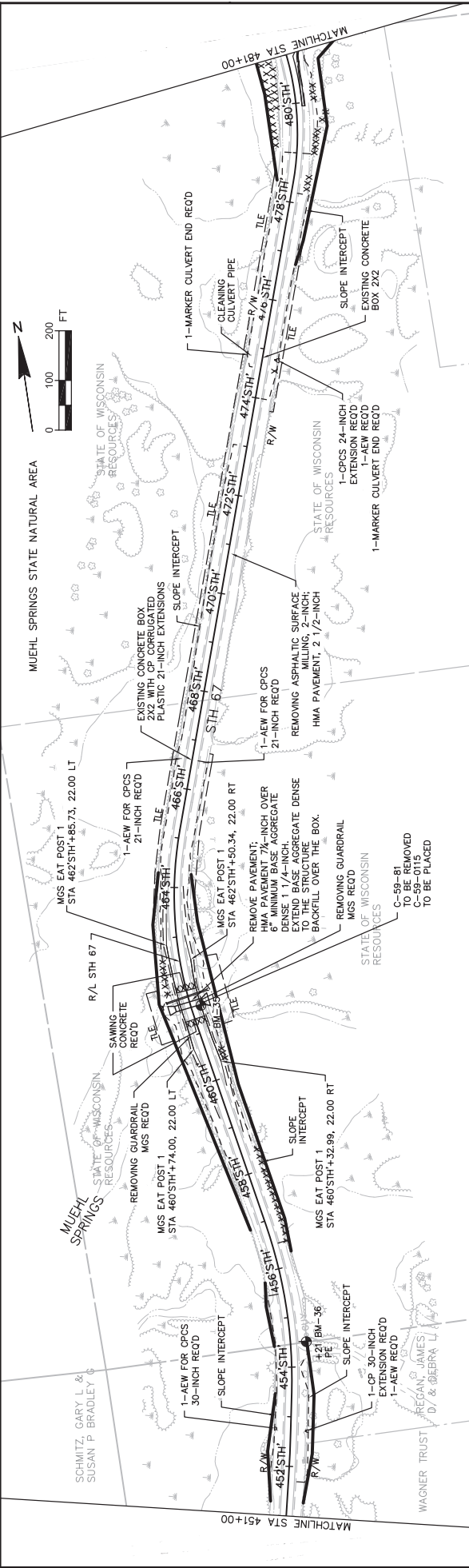
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 ID 4550-04-71  
 Revised Sheet 216  
 October 28, 2020



BM	DESCRIPTION	ELEVATION
35	YELLOW PAINT SQUARE SE WINGWALL	896.351
36	NAIL IN POWERPOLE #09-06976	895.169
37	NAIL IN POWERPOLE #09-06988	899.892
38	NAIL IN POWERPOLE #09-06970	934.125
40	NAIL IN POWERPOLE #09-06980	925.440
41	NAIL IN POWERPOLE #09-06914	902.820

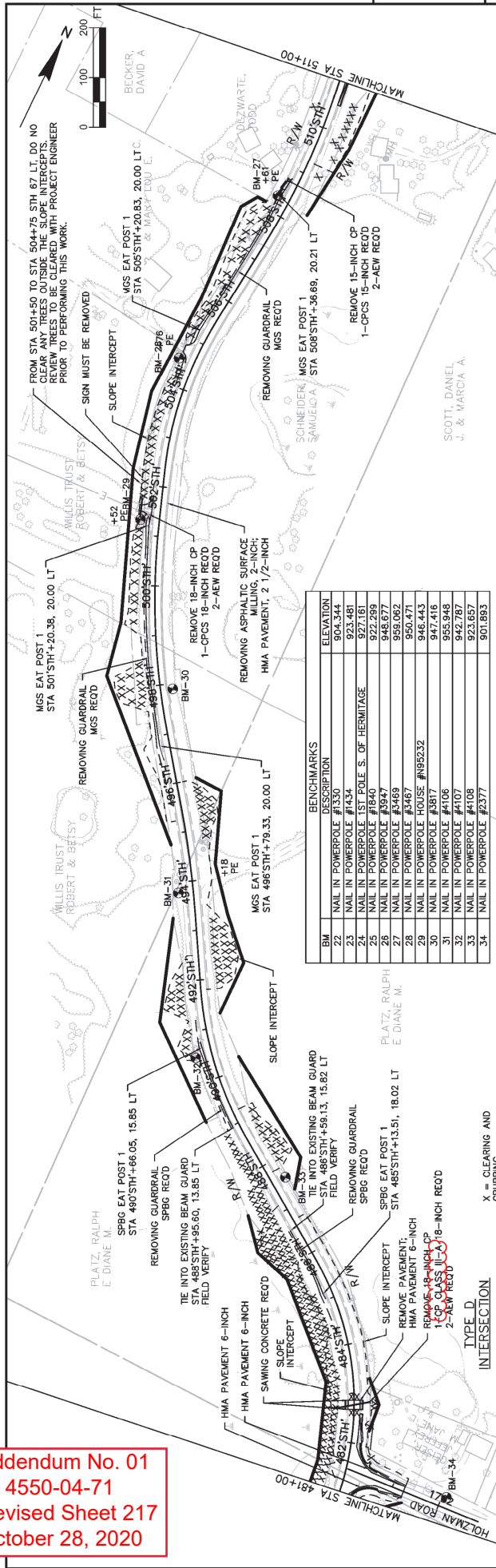


PROJECT NO: 4550-04-71  
 COUNTY: SHEBOYGAN  
 PLAN: STH 67  
 SHEET 216

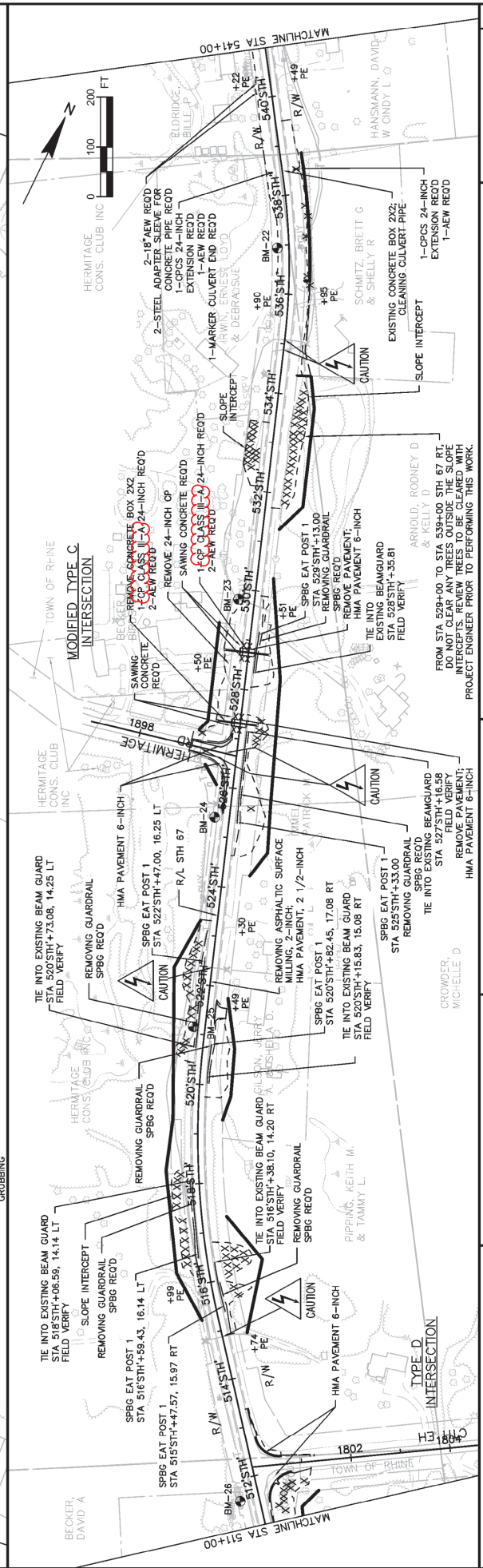
HWY: STH 67  
 FILE NAME: C:\PW\_WORK\DIR\EN001\MM093804\00119510\45500304\_050201-PN.DWG  
 LAYOUT NAME: MAINLINE-08  
 PLOT DATE: 10/26/2020 9:44 AM  
 PLOT BY: MORGAN, MARC/ME  
 PLOT NAME: MUEHL SPRINGS STATE NATURAL AREA  
 PLOT SCALE: 1 IN:200 FT  
 WISDOT/CADD SHEET 44



Addendum No. 01  
 ID 4550-04-71  
 Revised Sheet 217  
 October 28, 2020



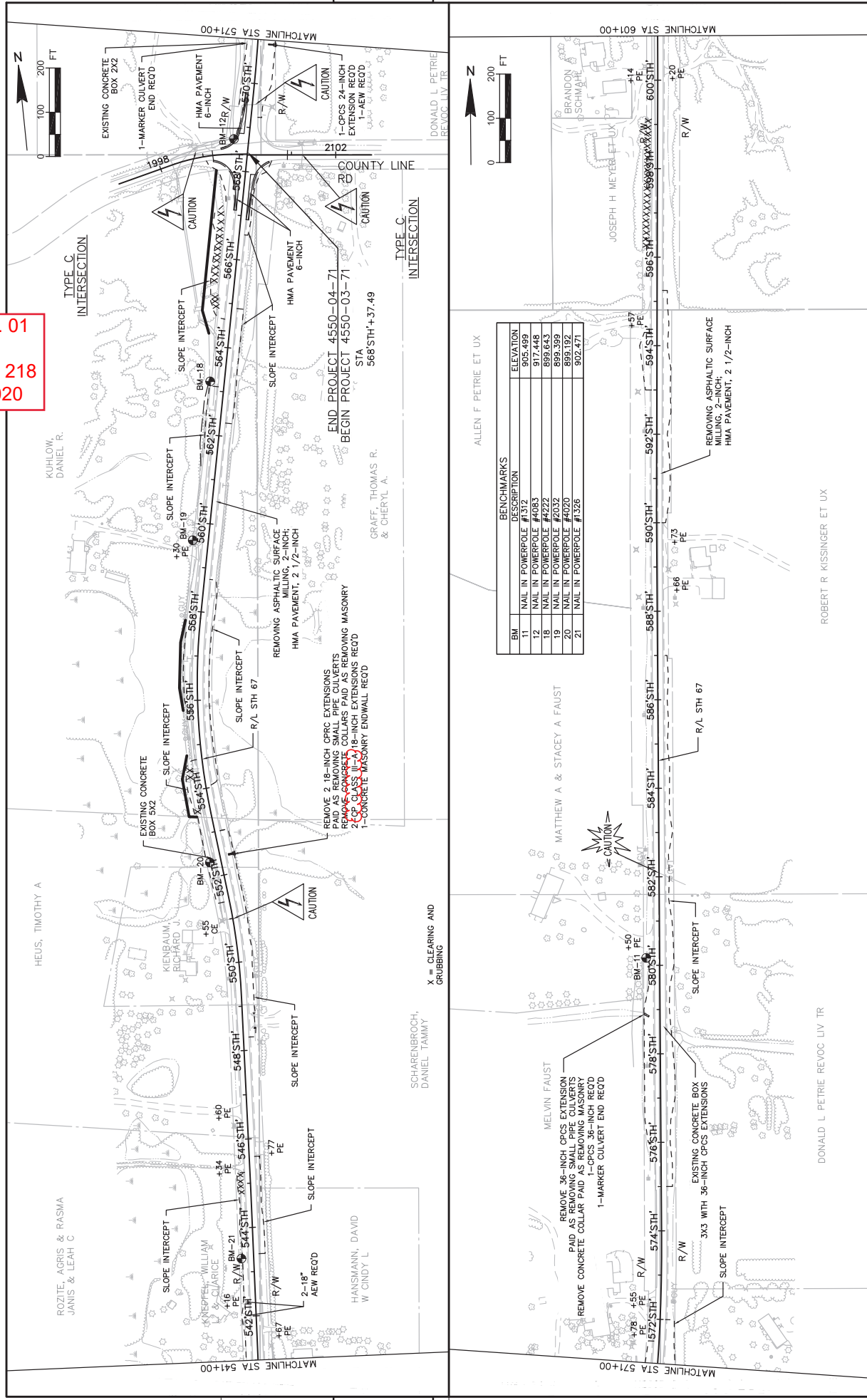
BM	DESCRIPTION	ELEVATION
22	NAIL IN POWERPOLE #330	924.24
22	NAIL IN POWERPOLE #434	924.24
22	NAIL IN POWERPOLE EST. POLE S. OF HERMITAGE	927.18
25	NAIL IN POWERPOLE #184	922.289
26	NAIL IN POWERPOLE #3947	948.877
27	NAIL IN POWERPOLE #3469	959.062
28	NAIL IN POWERPOLE #3467	950.471
29	NAIL IN POWERPOLE HOUSE #N95232	946.443
30	NAIL IN POWERPOLE #3817	947.416
31	NAIL IN POWERPOLE #1106	955.948
32	NAIL IN POWERPOLE #4107	942.787
33	NAIL IN POWERPOLE #4108	923.657
34	NAIL IN POWERPOLE #2377	901.893



PROJECT NO: 4550-04-71      HWY: STH 67      COUNTY: SHEBOYGAN      PLAN: STH 67      SHEET 217

FILE NAME: C:\PW\WORKDIR\DEV001\W069380A\00119510\45500304\050201-FN.DWG      LAYOUT NAME - MAINLINE-09      PLOT DATE: 10/26/2020 1:01 PM      PLOT BY: MORGAN, MARC/AKE      PLOT NAME: WISDOT/CADD SHEET 44

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 October 28, 2020



BENCHMARK	DESCRIPTION	ELEVATION
11	NAIL IN POWERPOLE #1312	905.499
12	NAIL IN POWERPOLE #4083	917.448
18	NAIL IN POWERPOLE #4222	899.643
19	NAIL IN POWERPOLE #2032	899.399
20	NAIL IN POWERPOLE #4020	899.192
21	NAIL IN POWERPOLE #1326	902.471



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

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	92.000 STA	_____.	_____.
0004	201.0120 Clearing	153.000 ID	_____.	_____.
0006	201.0205 Grubbing	92.000 STA	_____.	_____.
0008	201.0220 Grubbing	121.000 ID	_____.	_____.
0010	203.0100 Removing Small Pipe Culverts	21.000 EACH	_____.	_____.
0012	203.0200 Removing Old Structure (station) 01. 527+35	LS	LUMP SUM	_____.
0014	203.0200 Removing Old Structure (station) 02. 461+61	LS	LUMP SUM	_____.
0016	204.0100 Removing Concrete Pavement	11,610.000 SY	_____.	_____.
0018	204.0110 Removing Asphaltic Surface	3,563.000 SY	_____.	_____.
0020	204.0115 Removing Asphaltic Surface Butt Joints	529.000 SY	_____.	_____.
0022	204.0120 Removing Asphaltic Surface Milling	223,156.000 SY	_____.	_____.
0024	204.0130 Removing Curb	189.000 LF	_____.	_____.
0026	204.0150 Removing Curb & Gutter	3,451.000 LF	_____.	_____.
0028	204.0155 Removing Concrete Sidewalk	856.000 SY	_____.	_____.
0030	204.0165 Removing Guardrail	1,680.000 LF	_____.	_____.
0032	204.0170 Removing Fence	20.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

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	204.0185 Removing Masonry	5.000 CY	_____.	_____.
0036	204.0190 Removing Surface Drains	4.000 EACH	_____.	_____.
0038	204.0245 Removing Storm Sewer (size) 01. 12-Inch	56.000 LF	_____.	_____.
0040	205.0100 Excavation Common	14,090.000 CY	_____.	_____.
0042	206.2000 Excavation for Structures Culverts (structure) 01. C-59-115	LS	LUMP SUM	_____.
0044	206.5000 Cofferdams (structure) 01. C-59-115	LS	LUMP SUM	_____.
0046	208.0100 Borrow	21,766.000 CY	_____.	_____.
0048	210.2500 Backfill Structure Type B	651.000 TON	_____.	_____.
0050	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 4550-03-71	LS	LUMP SUM	_____.
0052	211.0100 Prepare Foundation for Asphaltic Paving (project) 02. 4550-04-71	LS	LUMP SUM	_____.
0054	211.0200 Prepare Foundation for Concrete Pavement (project) 01. 4550-04-71	LS	LUMP SUM	_____.
0056	211.0400 Prepare Foundation for Asphaltic Shoulders	1,083.000 STA	_____.	_____.
0058	213.0100 Finishing Roadway (project) 01. 4550-03-71	1.000 EACH	_____.	_____.
0060	213.0100 Finishing Roadway (project) 02. 4550-04-71	1.000 EACH	_____.	_____.
0062	305.0110 Base Aggregate Dense 3/4-Inch	6,862.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0064	305.0120 Base Aggregate Dense 1 1/4-Inch	17,015.000 TON	_____.	_____.
0066	311.0115 Breaker Run	56.000 CY	_____.	_____.
0068	415.0080 Concrete Pavement 8-Inch	11,472.000 SY	_____.	_____.
0070	415.0210 Concrete Pavement Gaps	4.000 EACH	_____.	_____.
0072	415.1080 Concrete Pavement HES 8-Inch	641.000 SY	_____.	_____.
0074	415.5110.S Concrete Pavement Joint Layout	1.000 LS	_____.	_____.
0076	416.0160 Concrete Driveway 6-Inch	16.000 SY	_____.	_____.
0078	416.0610 Drilled Tie Bars	291.000 EACH	_____.	_____.
0080	416.0620 Drilled Dowel Bars	24.000 EACH	_____.	_____.
0082	416.1010 Concrete Surface Drains	15.000 CY	_____.	_____.
0084	450.4000 HMA Cold Weather Paving	23.000 TON	_____.	_____.
0086	455.0605 Tack Coat	20,049.000 GAL	_____.	_____.
0088	460.0105.S HMA Percent Within Limits (PWL) Test Strip Volumetrics	1.000 EACH	_____.	_____.
0090	460.0110.S HMA Percent Within Limits (PWL) Test Strip Density	1.000 EACH	_____.	_____.
0092	460.2000 Incentive Density HMA Pavement	2,070.000 DOL	1.00000	2,070.00
0094	460.2005 Incentive Density PWL HMA Pavement	22,345.000 DOL	1.00000	22,345.00



## Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

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	460.2007 Incentive Density HMA Pavement Longitudinal Joints	24,725.000 DOL	1.00000	24,725.00
0098	460.2010 Incentive Air Voids HMA Pavement	40,013.000 DOL	1.00000	40,013.00
0100	460.5223 HMA Pavement 3 LT 58-28 S	3,215.000 TON	_____.	_____.
0102	460.5224 HMA Pavement 4 LT 58-28 S	40,013.000 TON	_____.	_____.
0104	465.0110 Asphaltic Surface Patching	20.000 TON	_____.	_____.
0106	465.0120 Asphaltic Surface Driveways and Field Entrances	277.000 TON	_____.	_____.
0108	465.0125 Asphaltic Surface Temporary	660.000 TON	_____.	_____.
0110	465.0425 Asphaltic Shoulder Rumble Strips 2-Lane Rural	75,304.000 LF	_____.	_____.
0112	465.0475 Asphalt Centerline Rumble Strips 2-Lane Rural	39,903.000 LF	_____.	_____.
0114	502.3200 Protective Surface Treatment	360.000 SY	_____.	_____.
0116	502.3210 Pigmented Surface Sealer	91.000 SY	_____.	_____.
0118	504.0100 Concrete Masonry Culverts	89.000 CY	_____.	_____.
0120	504.0900 Concrete Masonry Endwalls	0.600 CY	_____.	_____.
0122	505.0400 Bar Steel Reinforcement HS Structures	8,850.000 LB	_____.	_____.
0124	505.0600 Bar Steel Reinforcement HS Coated Structures	1,490.000 LB	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

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	509.0301 Preparation Decks Type 1	33.000 SY	_____.	_____.
0128	509.0302 Preparation Decks Type 2	18.000 SY	_____.	_____.
0130	509.0500 Cleaning Decks	360.000 SY	_____.	_____.
0132	509.2000 Full-Depth Deck Repair	1.000 SY	_____.	_____.
0134	509.2500 Concrete Masonry Overlay Decks	23.000 CY	_____.	_____.
0136	516.0500 Rubberized Membrane Waterproofing	17.000 SY	_____.	_____.
0138	520.8000 Concrete Collars for Pipe	21.000 EACH	_____.	_____.
0140	520.8700 Cleaning Culvert Pipes	4.000 EACH	_____.	_____.
0142	521.1015 Apron Endwalls for Culvert Pipe Steel 15-Inch	2.000 EACH	_____.	_____.
0144	521.1018 Apron Endwalls for Culvert Pipe Steel 18-Inch	4.000 EACH	_____.	_____.
0146	521.1021 Apron Endwalls for Culvert Pipe Steel 21-Inch	2.000 EACH	_____.	_____.
0148	521.1024 Apron Endwalls for Culvert Pipe Steel 24-Inch	7.000 EACH	_____.	_____.
0150	521.1030 Apron Endwalls for Culvert Pipe Steel 30-Inch	2.000 EACH	_____.	_____.
0152	521.1048 Apron Endwalls for Culvert Pipe Steel 48-Inch	2.000 EACH	_____.	_____.
0154	521.1518 Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 6 to 1	9.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0156	521.1524 Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 24-Inch 6 to 1	2.000 EACH	_____.	_____.
0158	521.1548 Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 48-Inch 6 to 1	4.000 EACH	_____.	_____.
0160	521.3112 Culvert Pipe Corrugated Steel 12-Inch	16.000 LF	_____.	_____.
0162	521.3115 Culvert Pipe Corrugated Steel 15-Inch	40.000 LF	_____.	_____.
0164	521.3118 Culvert Pipe Corrugated Steel 18-Inch	84.000 LF	_____.	_____.
0166	521.3124 Culvert Pipe Corrugated Steel 24-Inch	61.000 LF	_____.	_____.
0168	521.3130 Culvert Pipe Corrugated Steel 30-Inch	2.000 LF	_____.	_____.
0170	521.3136 Culvert Pipe Corrugated Steel 36-Inch	12.000 LF	_____.	_____.
0172	521.3148 Culvert Pipe Corrugated Steel 48-Inch	183.000 LF	_____.	_____.
0180	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	4.000 EACH	_____.	_____.
0182	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	2.000 EACH	_____.	_____.
0184	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	4.000 EACH	_____.	_____.
0186	522.1027 Apron Endwalls for Culvert Pipe Reinforced Concrete 27-Inch	3.000 EACH	_____.	_____.
0188	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	2.000 EACH	_____.	_____.
0190	601.0120 Concrete Curb Type J	181.000 LF	_____.	_____.





## Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0192	601.0409 Concrete Curb & Gutter 30-Inch Type A	1,332.000 LF	_____.	_____.
0194	601.0411 Concrete Curb & Gutter 30-Inch Type D	1,409.000 LF	_____.	_____.
0196	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	1,127.000 LF	_____.	_____.
0198	601.0600 Concrete Curb Pedestrian	242.000 LF	_____.	_____.
0200	602.0405 Concrete Sidewalk 4-Inch	4,724.000 SF	_____.	_____.
0202	602.0410 Concrete Sidewalk 5-Inch	4,767.000 SF	_____.	_____.
0204	602.0505 Curb Ramp Detectable Warning Field Yellow	280.000 SF	_____.	_____.
0206	606.0100 Riprap Light	99.000 CY	_____.	_____.
0208	606.0300 Riprap Heavy	30.000 CY	_____.	_____.
0210	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	56.000 LF	_____.	_____.
0212	611.8115 Adjusting Inlet Covers	18.000 EACH	_____.	_____.
0214	611.8120.S Cover Plates Temporary	3.000 EACH	_____.	_____.
0216	614.0305 Steel Plate Beam Guard Class A	787.000 LF	_____.	_____.
0218	614.0370 Steel Plate Beam Guard Energy Absorbing Terminal	14.000 EACH	_____.	_____.
0220	614.0397 Guardrail Mow Strip Emulsified Asphalt	330.000 SY	_____.	_____.
0222	614.0400 Adjusting Steel Plate Beam Guard	4,037.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0224	614.0950 Replacing Guardrail Posts and Blocks	50.000 EACH	_____.	_____.
0226	614.0951 Replacing Guardrail Rail and Hardware	225.000 LF	_____.	_____.
0228	614.2300 MGS Guardrail 3	689.750 LF	_____.	_____.
0230	614.2340 MGS Guardrail 3 L	106.250 LF	_____.	_____.
0232	614.2610 MGS Guardrail Terminal EAT	8.000 EACH	_____.	_____.
0234	618.0100 Maintenance And Repair of Haul Roads (project) 01. 4550-03-71	1.000 EACH	_____.	_____.
0236	618.0100 Maintenance And Repair of Haul Roads (project) 02. 4550-04-71	1.000 EACH	_____.	_____.
0238	619.1000 Mobilization	1.000 EACH	_____.	_____.
0240	620.0200 Concrete Median Blunt Nose	52.000 SF	_____.	_____.
0242	620.0300 Concrete Median Sloped Nose	242.000 SF	_____.	_____.
0244	624.0100 Water	334.000 MGAL	_____.	_____.
0246	625.0500 Salvaged Topsoil	109,065.000 SY	_____.	_____.
0248	627.0200 Mulching	84,506.000 SY	_____.	_____.
0250	628.1504 Silt Fence	25,150.000 LF	_____.	_____.
0252	628.1520 Silt Fence Maintenance	25,150.000 LF	_____.	_____.
0254	628.1905 Mobilizations Erosion Control	18.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0256	628.1910 Mobilizations Emergency Erosion Control	12.000 EACH	_____.	_____.
0258	628.2002 Erosion Mat Class I Type A	17,587.000 SY	_____.	_____.
0260	628.2004 Erosion Mat Class I Type B	4,409.000 SY	_____.	_____.
0262	628.2006 Erosion Mat Urban Class I Type A	1,246.000 SY	_____.	_____.
0264	628.2037 Erosion Mat Class III Type C	1,600.000 SY	_____.	_____.
0266	628.7005 Inlet Protection Type A	52.000 EACH	_____.	_____.
0268	628.7015 Inlet Protection Type C	49.000 EACH	_____.	_____.
0270	628.7504 Temporary Ditch Checks	664.000 LF	_____.	_____.
0272	628.7555 Culvert Pipe Checks	20.000 EACH	_____.	_____.
0274	629.0210 Fertilizer Type B	69.700 CWT	_____.	_____.
0276	630.0120 Seeding Mixture No. 20	433.000 LB	_____.	_____.
0278	630.0130 Seeding Mixture No. 30	1,396.000 LB	_____.	_____.
0280	630.0200 Seeding Temporary	1,485.000 LB	_____.	_____.
0282	630.0500 Seed Water	2,670.000 MGAL	_____.	_____.
0284	633.5200 Markers Culvert End	10.000 EACH	_____.	_____.
0286	634.0614 Posts Wood 4x6-Inch X 14-FT	87.000 EACH	_____.	_____.
0288	634.0616 Posts Wood 4x6-Inch X 16-FT	180.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0290	634.0618 Posts Wood 4x6-Inch X 18-FT	29.000 EACH	_____.	_____.
0292	637.2210 Signs Type II Reflective H	1,725.260 SF	_____.	_____.
0294	637.2230 Signs Type II Reflective F	616.090 SF	_____.	_____.
0296	638.2602 Removing Signs Type II	263.000 EACH	_____.	_____.
0298	638.3000 Removing Small Sign Supports	291.000 EACH	_____.	_____.
0300	642.5201 Field Office Type C	1.000 EACH	_____.	_____.
0302	643.0300 Traffic Control Drums	7,620.000 DAY	_____.	_____.
0304	643.0420 Traffic Control Barricades Type III	3,326.000 DAY	_____.	_____.
0306	643.0500 Traffic Control Flexible Tubular Marker Posts	141.000 EACH	_____.	_____.
0308	643.0600 Traffic Control Flexible Tubular Marker Bases	141.000 EACH	_____.	_____.
0310	643.0705 Traffic Control Warning Lights Type A	5,359.000 DAY	_____.	_____.
0312	643.0715 Traffic Control Warning Lights Type C	865.000 DAY	_____.	_____.
0314	643.0900 Traffic Control Signs	19,870.000 DAY	_____.	_____.
0316	643.0910 Traffic Control Covering Signs Type I	2.000 EACH	_____.	_____.
0318	643.0920 Traffic Control Covering Signs Type II	12.000 EACH	_____.	_____.
0320	643.1000 Traffic Control Signs Fixed Message	42.000 SF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0322	643.1050 Traffic Control Signs PCMS	140.000 DAY	_____.	_____.
0324	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0326	644.1410 Temporary Pedestrian Surface Asphalt	417.000 SF	_____.	_____.
0328	644.1601 Temporary Pedestrian Curb Ramp	15.000 DAY	_____.	_____.
0330	644.1810 Temporary Pedestrian Barricade	526.000 LF	_____.	_____.
0332	645.0105 Geotextile Type C	185.000 SY	_____.	_____.
0334	645.0120 Geotextile Type HR	75.000 SY	_____.	_____.
0336	645.0130 Geotextile Type R	412.000 SY	_____.	_____.
0338	646.1020 Marking Line Epoxy 4-Inch	92,067.000 LF	_____.	_____.
0340	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	103,260.000 LF	_____.	_____.
0342	646.3020 Marking Line Epoxy 8-Inch	652.000 LF	_____.	_____.
0344	646.3040 Marking Line Grooved Wet Ref Epoxy 8-Inch	2,267.000 LF	_____.	_____.
0346	646.5520 Marking Outfall Epoxy	1.000 EACH	_____.	_____.
0348	646.6020 Marking Stop Line Epoxy 12-Inch	235.000 LF	_____.	_____.
0350	646.6464 Cold Weather Marking Epoxy 4-Inch	240.000 LF	_____.	_____.
0352	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	1,665.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0354	646.7520 Marking Crosswalk Epoxy Block Style 24-Inch	1,182.000 LF	_____.	_____.
0356	646.8120 Marking Curb Epoxy	914.000 LF	_____.	_____.
0358	646.8220 Marking Island Nose Epoxy	6.000 EACH	_____.	_____.
0360	648.0100 Locating No-Passing Zones	11.018 MI	_____.	_____.
0362	649.0105 Temporary Marking Line Paint 4-Inch	186,093.000 LF	_____.	_____.
0364	649.0120 Temporary Marking Line Epoxy 4-Inch	39,903.000 LF	_____.	_____.
0366	649.0205 Temporary Marking Line Paint 8-Inch	542.000 LF	_____.	_____.
0368	650.4000 Construction Staking Storm Sewer	4.000 EACH	_____.	_____.
0370	650.4500 Construction Staking Subgrade	46,800.000 LF	_____.	_____.
0372	650.5000 Construction Staking Base	46,600.000 LF	_____.	_____.
0374	650.6000 Construction Staking Pipe Culverts	14.000 EACH	_____.	_____.
0376	650.6500 Construction Staking Structure Layout (structure) 01. C-59-115	LS	LUMP SUM	_____.
0378	650.7000 Construction Staking Concrete Pavement	5,440.000 LF	_____.	_____.
0380	650.8000 Construction Staking Resurfacing Reference	57,460.000 LF	_____.	_____.
0382	650.9000 Construction Staking Curb Ramps	24.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0384	650.9910 Construction Staking Supplemental Control (project) 01. 4550-03-71	LS	LUMP SUM	_____.
0386	650.9910 Construction Staking Supplemental Control (project) 02. 4550-04-71	LS	LUMP SUM	_____.
0388	650.9920 Construction Staking Slope Stakes	46,800.000 LF	_____.	_____.
0390	690.0150 Sawing Asphalt	10,483.000 LF	_____.	_____.
0392	690.0250 Sawing Concrete	2,360.000 LF	_____.	_____.
0394	715.0415 Incentive Strength Concrete Pavement	3,634.000 DOL	1.00000	3,634.00
0396	715.0502 Incentive Strength Concrete Structures	534.000 DOL	1.00000	534.00
0398	715.0710 Optimized Aggregate Gradation Incentive	13,219.000 DOL	1.00000	13,219.00
0400	740.0440 Incentive IRI Ride	69,058.000 DOL	1.00000	69,058.00
0402	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
0404	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	3,040.000 HRS	5.00000	15,200.00
0406	SPV.0060 Special 01. Cleaning Storm Sewer	24.000 EACH	_____.	_____.
0408	SPV.0060 Special 03. Adjusting Water Valve Boxes	34.000 EACH	_____.	_____.
0410	SPV.0060 Special 04. Adjusting Manhole Covers with Pro-Ring	41.000 EACH	_____.	_____.
0412	SPV.0090 Special 01. Concrete Curb & Gutter 2-Inch Sloped 18-Inch	845.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0414	SPV.0090 Special 02. Concrete Curb & Gutter 6-Inch Sloped 18-Inch	3,379.000 LF	_____.	_____.
0416	SPV.0090 Special 03. Base Aggregate Shoulder Repair	740.000 LF	_____.	_____.
0418	SPV.0090 Special 04. Cured In Place Point Repair	9.000 LF	_____.	_____.
0420	SPV.0105 Special 01. Temporary Water Diversion C-59-115	LS	LUMP SUM	_____.
0422	SPV.0105 Special 02. Removing and Restoring Rocks and Downspout Extension	LS	LUMP SUM	_____.
0424	SPV.0165 Special 01. Removing and Restoring Brick and Paver Walk	20.000 SF	_____.	_____.
0426	520.3318 Culvert Pipe Class III-A 18-Inch	95.000 LF	_____.	_____.
0428	520.3324 Culvert Pipe Class III-A 24-Inch	144.000 LF	_____.	_____.
0430	520.3336 Culvert Pipe Class III-A 36-Inch	105.000 LF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.





# Wisconsin Department of Transportation

## Division of Transportation Systems Development

Bureau of Project Development  
4822 Madison Yards Way, 4<sup>th</sup> Floor South  
Madison, WI 53705

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

November 5, 2020

### NOTICE TO ALL CONTRACTORS:

**Proposal #22: 4550-03-71, WISC 2020 543**  
Elkhart Lake - Kiel  
South County Line – STH 32/57  
STH 67  
Manitowoc County

**4550-04-71, WISC 2020 544**  
Plymouth - Kiel  
Suhrke Road – North County Line  
STH 67  
Sheboygan County

### Letting of November 10, 2020

This is Addendum No. 02, which provides for the following:

#### Schedule of Items:

Revised Bid Item Quantities – 4550-04-71					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
520.8700	Cleaning Culvert Pipes	EACH	4	-1	3
690.0150	Sawing Asphalt	LF	10,483	97	10,580

#### Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
2	General Notes – Add a note for HMA Pavement 4-INCH Shoulder, Upper Layer Thickness 4-INCHES of HMA Pavement Type 4 LT 58-28 S. Change lower layer on 4 ¼-INCH HMA Pavement from Type 3 LT to Type 4 LT.
57	Intersection Detail – Remove term 'SINGLE LAYER' from the note defining the 4 ¼-INCH HMA material on the shoulder
154	Miscellaneous Quantities – Updates to Cleaning Culvert Pipes to add DIAMETER and LENGTH columns for information only also to remove one location for cleaning that was in error. Updates to Cleaning Storm Sewer to add DIAMETER and LENGTH columns for information only.
188	Miscellaneous Quantities – Update to Sawing Asphalt to add sawcut on either side of B-59-108.
208	Plan: STH 67 – Add note to indicate sawing asphalt is required as well as HMA pavement per Engineer's direction on approach to the bridge structure to accommodate work on the structure itself.

382 - 408	EW Data Sheets – Update the note #1 to remove the word NOT so each note states that CUT DOES INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.
--------------	--

**Schedule of Items**

Attached, dated November 5, 2020, are the revised Schedule of Items Pages 5 and 13.

**Plan Sheets**

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 2, 57, 154, 188, 208, and 382 - 408.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

*Mike Coleman*

Proposal Development Specialist  
Proposal Management Section

END OF ADDENDUM

GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER. NO UNWANTED VEGETATION IS TO BE REMOVED FROM THE PROJECT. THE CONTRACTOR SHALL IMPROVE VISION IN CERTAIN AREAS. REVIEW THE PROJECT TO VERIFY EFFORTS TO PERFORM CLEARING AND GRUBBING WORK.

FIELD VERIFY BEAM GUARD TIE-IN LOCATIONS.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE FERTILIZED, SEEDED AND MULCHED.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY UTILITY WHICH IS NOT A MEMBER OF DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

A SAVED JOINT IS REQUIRED WHERE NEW HMA PAVEMENT SURFACE MEETS EXISTING HMA PAVEMENT SURFACE.

PLACE HMA PAVEMENT LAYERS WITH THE FOLLOWING THICKNESSES:

- HMA PAVEMENT 2 1/2-INCH
- UPPER LAYER THICKNESS 2 1/2-INCHES OF HMA PAVEMENT TYPE 4 LT 58-28 S
- HMA PAVEMENT 3 1/2-INCH
- UPPER LAYER THICKNESS 3 1/2-INCHES OF HMA PAVEMENT TYPE 4 LT 58-28 S
- HMA PAVEMENT 4-INCH
- UPPER LAYER THICKNESS 1 3/4-INCHES OF HMA PAVEMENT TYPE 4 LT 58-28 S
- LOWER LAYER THICKNESS 2 1/4-INCHES OF HMA PAVEMENT TYPE 3 LT 58-28 S
- HMA PAVEMENT 4-INCH SHOULDER
- UPPER LAYER THICKNESS 4-INCHES OF HMA PAVEMENT TYPE 4 LT 58-28 S
- LOWER LAYER THICKNESS 2 1/4-INCHES OF HMA PAVEMENT TYPE 3 LT 58-28 S
- HMA PAVEMENT 4 1/4-INCH
- UPPER LAYER THICKNESS 2 1/2-INCHES OF HMA PAVEMENT TYPE 4 LT 58-28 S
- LOWER LAYER THICKNESS 1 3/4-INCHES OF HMA PAVEMENT TYPE 3 LT 58-28 S
- HMA PAVEMENT 5-INCH
- UPPER LAYER THICKNESS 1 3/4-INCHES OF HMA PAVEMENT TYPE 4 LT 58-28 S
- LOWER LAYER THICKNESS 1 3/4-INCHES OF HMA PAVEMENT TYPE 4 LT 58-28 S
- HMA PAVEMENT 7 1/4-INCH (AT TRENCH FOR BOX CULVERT C-59-0T15)
- UPPER LAYER THICKNESS 2 1/2-INCHES OF HMA PAVEMENT TYPE 4 LT 58-28 S
- LOWER LAYER THICKNESS 2 1/2-INCHES OF HMA PAVEMENT TYPE 3 LT 58-28 S
- LOWER LAYER THICKNESS 2 1/2-INCHES OF HMA PAVEMENT TYPE 3 LT 58-28 S

REFERENCE LINE CALLOUTS

- '5B' 5TH 67 SOUTHBOUND
- '5TH' 5TH

ORDER OF SECTION 2 SHEETS

- GENERAL NOTES
- WETLAND OVERLAY
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- PURB PROP DETAILS
- INTERSECTION DETAILS
- PAVING DETAILS
- EROSION CONTROL
- PAVEMENT MARKING
- STAGING PLANS
- DETOUR PLANS
- ALIGNMENT PLANS

Addendum No. 2  
 ID 4550-03-71  
 Revised Sheet 2  
 November 5, 2020

STANDARD ABBREVIATIONS

- AEW APRON END WALL
- ASHP ASPHALT
- ASP ASPHALTIC
- BACK BACK
- BAU BACKFILL
- BT BEHIND
- CC CENTER
- CG CENTER
- C/L OR C/L CENTER CONSTRUCTION LINE
- CONC CONCRETE
- CP CULVERT PIPE
- CPW CULVERT PIPE WITH WELDED STEEL
- CPRC CULVERT PIPE REINFORCED CONCRETE
- CEPRCHE CONCRETE SURFACE
- CSO CONCRETE SURFACE DRAIN
- DT DEGREE OF CURVE
- DELTA
- DISCH DISCHARGE
- EAT ENDS
- FE FIELD ENTRANCE
- FS FULL SUPERELEVATION
- HMA HOT MIX ASPHALT
- HT HEIGHT
- INV INVERT
- L LF LENGTH
- LH LF AND FORWARD
- LT LEFT
- MAX MAXIMUM
- MGS MIDWEST GUARDRAIL SYSTEM
- MIN MINIMUM
- NB NORTHBOUND
- NC NORMAL
- ORAM NORMAL
- PAVT PAVEMENT
- PC POINT OF CURVE
- PCC POINT OF COMPOUND CURVE
- PEL PROFILE GRADE LINE
- PLE POINT OF INTERSECTION
- PERM PERMANENT LIMITED EASEMENT
- PGB POINT OF BEGINNING
- PLU PIPE UNDERDRAIN UNPERFORATED
- PVC POLYVINYL CHLORIDE
- R RADIUS OF CURVE
- R/L REFERENCE LINE
- RAB ROUNDABOUT
- RC REVERSE CROWN
- RCREW APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
- REF REFERENCE
- RF RIGHT HAND FORWARD
- RO RUN OFF LENGTH
- RT RIGHT
- SALV SALVAGED
- SD STANDARD
- SDO STANDARD DETAIL DRAWING
- SE SUPER ELEVATION
- SF SQUARE FOOT
- STELL STELLATE BEAM GUARD
- SY SQUARE YARD
- SVD SLOTTED VANE DRAIN
- TANG TANGENT LENGTH
- TE TYPICAL
- TL TYPICAL LIMITED EASEMENT
- TYP TYPICAL
- VCL VERTICAL CURVE LENGTH
- VPC POINT OF VERTICAL CURVE
- VPI POINT OF VERTICAL INTERSECTION
- VPRC POINT OF VERTICAL TANGENT

UTILITY CONTACTS

- 4550-03-71 AND 4550-04-71
- FRONTIER COMMUNICATIONS OF WI LLC
- KLAD COMMUNICATION LINE
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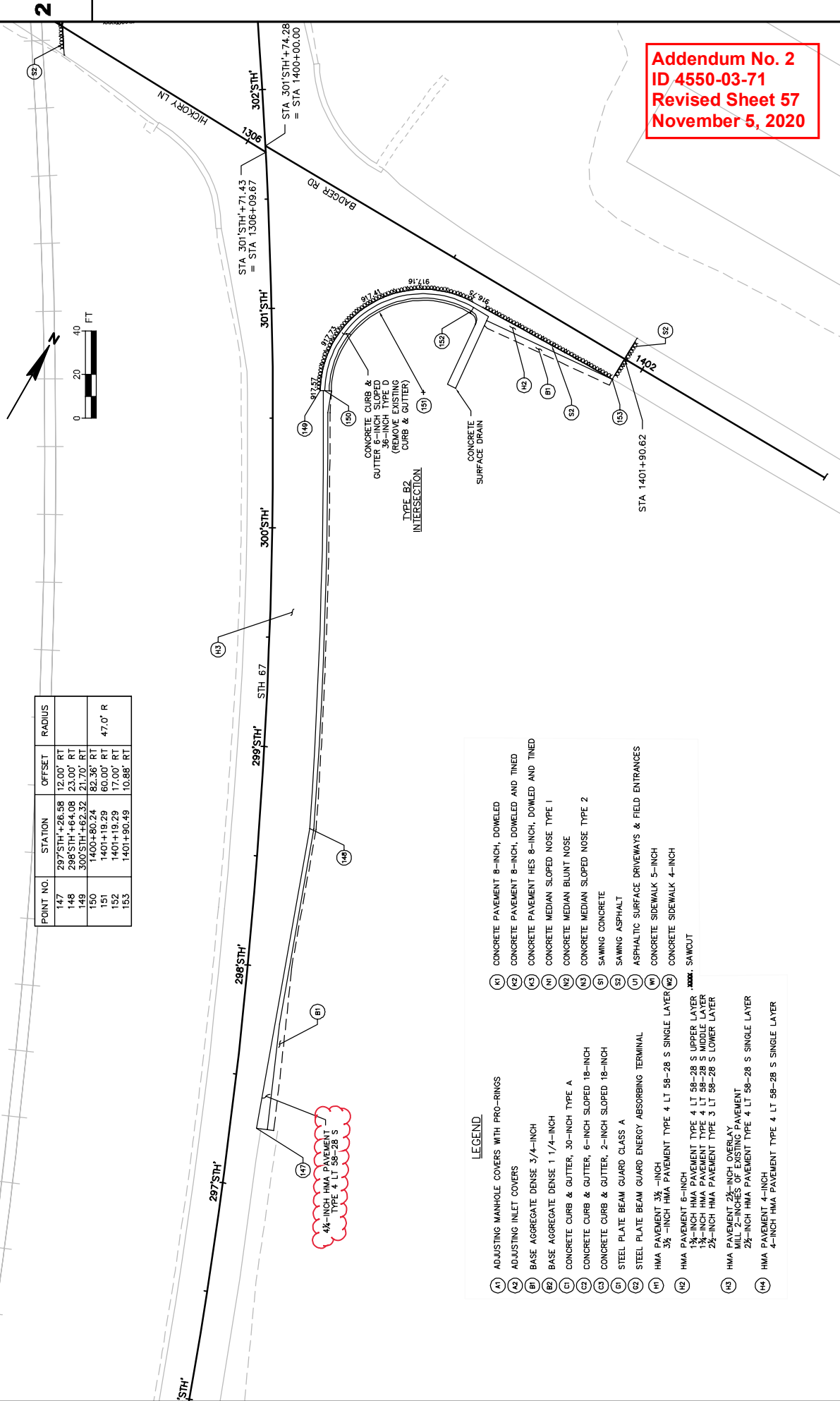
OTHER CONTACTS

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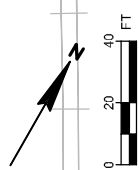
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- P.O. BOX 143
- ELKHART LAKE, WI 53020
- PHONE: (920) 207-8002
- pzorn@elkhartlakewi.gov

- VILLAGE OF ELKHART LAKE
- RICHARD SOLEK
- PUBLIC WORKS SUPERVISOR
- 51 EAST MAPLE STREET
- P.O. BOX 143
- ELKHART LAKE, WI 53020
- PHONE: (920) 876-2231



POINT NO.	STATION	OFFSET	RADIUS
147	297'STH'+26.58	12.00' RT	
148	298'STH'+64.08	23.00' RT	
149	300'STH'+62.32	21.10' RT	
150	1401+80.24	82.00' RT	
151	1401+19.29	17.00' RT	47.0' R
152	1401+19.29	17.00' RT	
153	1401+90.49	10.88' RT	



Addendum No. 2  
 ID 4550-03-71  
 Revised Sheet 57  
 November 5, 2020

- LEGEND**
- (A1) ADJUSTING MANHOLE COVERS WITH PRO-RINGS
  - (A2) ADJUSTING INLET COVERS
  - (B1) BASE AGGREGATE DENSE 3/4-INCH
  - (B2) BASE AGGREGATE DENSE 1 1/4-INCH
  - (C1) CONCRETE CURB & GUTTER, 30-INCH TYPE A
  - (C2) CONCRETE CURB & GUTTER, 6-INCH SLOPED 18-INCH
  - (C3) CONCRETE CURB & GUTTER, 2-INCH SLOPED 18-INCH
  - (C4) STEEL PLATE BEAM GUARD CLASS A
  - (C5) STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
  - (H1) HMA PAVEMENT 3 1/2-INCH
  - (H2) 3 1/2-INCH HMA PAVEMENT TYPE 4 LT 58-28 S SINGLE LAYER
  - (H3) HMA PAVEMENT 6-INCH
  - (H4) 1 1/2-INCH HMA PAVEMENT TYPE 4 LT 58-28 S UPPER LAYER
  - (H5) 1 1/2-INCH HMA PAVEMENT TYPE 4 LT 58-28 S LOWER LAYER
  - (H6) 2 1/2-INCH HMA PAVEMENT TYPE 3 LT 58-28 S LOWER LAYER
  - (H7) HMA PAVEMENT 2 1/2-INCH OVERLAY
  - (H8) MILL 2-INCHES OF EXISTING PAVEMENT
  - (H9) 2 1/2-INCH HMA PAVEMENT TYPE 4 LT 58-28 S SINGLE LAYER
  - (H10) HMA PAVEMENT 4-INCH
  - (H11) 4-INCH HMA PAVEMENT TYPE 4 LT 58-28 S SINGLE LAYER
  - (M1) CONCRETE PAVEMENT 8-INCH, DOWELED
  - (M2) CONCRETE PAVEMENT 8-INCH, DOWELED AND TINED
  - (M3) CONCRETE PAVEMENT HES 8-INCH, DOWELED AND TINED
  - (M4) CONCRETE MEDIAN SLOPED NOSE TYPE 1
  - (M5) CONCRETE MEDIAN BLUNT NOSE
  - (M6) CONCRETE MEDIAN SLOPED NOSE TYPE 2
  - (S1) SAWING CONCRETE
  - (S2) SAWING ASPHALT
  - (U) ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES
  - (W) CONCRETE SIDEWALK 5-INCH
  - (W1) CONCRETE SIDEWALK 4-INCH
  - (W2) CONCRETE SIDEWALK 4-INCH
  - (W3) CONCRETE SIDEWALK 4-INCH
  - (W4) CONCRETE SIDEWALK 4-INCH
  - (W5) CONCRETE SIDEWALK 4-INCH
  - (W6) CONCRETE SIDEWALK 4-INCH
  - (W7) CONCRETE SIDEWALK 4-INCH
  - (W8) CONCRETE SIDEWALK 4-INCH
  - (W9) CONCRETE SIDEWALK 4-INCH
  - (W10) CONCRETE SIDEWALK 4-INCH
  - (W11) CONCRETE SIDEWALK 4-INCH
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  - (W13) CONCRETE SIDEWALK 4-INCH
  - (W14) CONCRETE SIDEWALK 4-INCH
  - (W15) CONCRETE SIDEWALK 4-INCH
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  - (W18) CONCRETE SIDEWALK 4-INCH
  - (W19) CONCRETE SIDEWALK 4-INCH
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  - (W21) CONCRETE SIDEWALK 4-INCH
  - (W22) CONCRETE SIDEWALK 4-INCH
  - (W23) CONCRETE SIDEWALK 4-INCH
  - (W24) CONCRETE SIDEWALK 4-INCH
  - (W25) CONCRETE SIDEWALK 4-INCH
  - (W26) CONCRETE SIDEWALK 4-INCH
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  - (W83) CONCRETE SIDEWALK 4-INCH
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  - (W89) CONCRETE SIDEWALK 4-INCH
  - (W90) CONCRETE SIDEWALK 4-INCH
  - (W91) CONCRETE SIDEWALK 4-INCH
  - (W92) CONCRETE SIDEWALK 4-INCH
  - (W93) CONCRETE SIDEWALK 4-INCH
  - (W94) CONCRETE SIDEWALK 4-INCH
  - (W95) CONCRETE SIDEWALK 4-INCH
  - (W96) CONCRETE SIDEWALK 4-INCH
  - (W97) CONCRETE SIDEWALK 4-INCH
  - (W98) CONCRETE SIDEWALK 4-INCH
  - (W99) CONCRETE SIDEWALK 4-INCH
  - (W100) CONCRETE SIDEWALK 4-INCH

CLEANING CULVERT PIPES

520.8700  
CLEANING  
CULVERT  
PIPES  
EACH

CAT 0010	STATION	LOCATION	EACH	DIAMETER #	LENGTH#	FT	REMARKS
PROJECT NO: 4550-04-71							
MILL & OVERLAY SECTION							
	394+00	L/RT	1	24 IN	84		
	474+82	L/RT	1	2 FT X 2 FT BOX	48		
	538+50	L/RT	1	2 FT X 2 FT BOX	44		
MILL & OVERLAY SECTION SUBTOTAL					3		
4550-04-71 TOTAL					3		
CONSTRUCTION TOTAL					3		

# PROVIDED FOR INFORMATION ONLY. EXISTING LENGTHS ARE APPROXIMATE.

CLEANING STORM SEWER PIPES

SPV.0060.01  
CLEANING  
STORM  
SEWER  
EACH

CAT 0010	STATION	LOCATION	EACH	DIAMETER #	LENGTH#	FT	REMARKS
PROJECT NO: 4550-04-71							
STAGE 2							
	42+26	RT	1	27 IN	49		
STAGE 2 SUBTOTAL					1		
STAGE 4							
	28+60	LT	1	12 IN	20		
	32+27	LT	1	12 IN	24		
	32+45	LT	1	12 IN	25		
	32+46	LT	1	12 IN	8		
	42+26	LT	1	27 IN	58		
	48+53	LT	2	12 IN	23		
	48+99	LT	1	18 IN	15		
	49+14	LT	1	18 IN	36		
	50+01	LT	1	30 IN	19		
STAGE 4 SUBTOTAL					10		
MILL & OVERLAY SECTION							
	327+37	LT	1	450 mm	17		
	338+09	RT	1	300 mm	28		
	338+31	L/RT	1	300 mm	34		
	341+58	L/RT	1	300 mm	35		
	344+05	L/RT	1	450 mm	59		
	344+05	RT	1	300 mm	28		
	344+62	LT	1	450 mm	238		
	349+98	LT	1	900 mm	195		
	356+98	L/RT	1	300 mm	30		
	359+45	L/RT	1	300 mm	30		
	361+91	L/RT	1	300 mm	30		
	364+34	L/RT	1	300 mm	31		
	366+84	L/RT	1	300 mm	30		
MILL & OVERLAY SECTION SUBTOTAL					13		
4550-04-71 TOTAL					24		
CONSTRUCTION TOTAL					24		

# PROVIDED FOR INFORMATION ONLY. EXISTING LENGTHS ARE APPROXIMATE.

CURED IN PLACE POINT REPAIR

SPV.0090.04  
CURED  
IN PLACE  
POINT  
REPAIR  
LF

CAT 0010	STATION	LOCATION	LF	REMARKS
PROJECT NO: 4550-04-71				
STAGE 2				
	27+31	LT	3	12" Storm Sewer
	28+61	RT	3	12" Storm Sewer
STAGE 2 SUBTOTAL			6	
MILL & OVERLAY SECTION				
	359+25	LT	3	27" Storm Sewer
MILL & OVERLAY SECTION SUBTOTAL			3	
4550-04-71 TOTAL			9	
CONSTRUCTION TOTAL			9	

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SAWING

CAT 0010	STATION	LOCATION	LF	69C0250
	568+34 - 631+15	L/T/RT	550	SAWING ASPHALT SAWING CONCRETE
			550	

PROJECT NO: 4550-03-71

MILL & OVERLAY SECTION

568+34 - 631+15	L/T/RT	550	--
<b>MILL &amp; OVERLAY SUBTOTAL</b>		<b>550</b>	--

4550-03-71 TOTAL

PROJECT NO: 4550-04-71

STAGE 1

FOR TEMPORARY PAVING	L/T/RT	--	1,300
<b>STAGE 1 SUBTOTAL</b>		<b>--</b>	<b>1,300</b>

STAGE 2

23+44 - 56+52	RT	120	20
<b>STAGE 2 SUBTOTAL</b>		<b>120</b>	<b>20</b>

STAGE 4

23+44 - 56+52	LT	230	830
<b>STAGE 4 SUBTOTAL</b>		<b>230</b>	<b>830</b>

MILL & OVERLAY SECTION

56+52 - 140+00	L/T/RT	2,222	--
140+00 - 232+00	L/T/RT	2,655	--
232+00 - 329+50	L/T/RT	1,615	10
329+50 - 374+25	L/T/RT	320	--
374+25 - 479+00	L/T/RT	1,475	--
479+00 - 568+34	L/T/RT	1,665	--
<b>MILL &amp; OVERLAY SECTION SUBTOTAL</b>		<b>7,952</b>	<b>10</b>

UNDISTRIBUTED

		800	300
--	--	-----	-----

4550-04-71 TOTAL

		9,102	2,360
<b>CONSTRUCTION TOTAL</b>		<b>9,652</b>	<b>2,360</b>

\*ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS

CONSTRUCTION STAKING

STATION	STORM SEWER EACH	SUBGRADE LF	BASE LF	PPE CULVERTS EACH	STRUCTURE LAYOUT LS	CONCRETE PAVEMENT LF	RESURFACING REFERENCE LF	CURBS RAmps EACH	SUPPLEMENTAL CONTROL 4550-03-71 LS	SUPPLEMENTAL CONTROL 4550-04-71 LS	SLOPE STAKES LF
650.4000 - 650.4500	1	4,000	4,000	3	--	--	6,280	3	--	--	4,000
<b>MILL &amp; OVERLAY SECTION SUBTOTAL</b>	<b>1</b>	<b>4,000</b>	<b>4,000</b>	<b>3</b>	<b>--</b>	<b>--</b>	<b>6,280</b>	<b>3</b>	<b>--</b>	<b>--</b>	<b>4,000</b>
<b>4550-03-71 TOTAL</b>	<b>1</b>	<b>4,000</b>	<b>4,000</b>	<b>3</b>	<b>--</b>	<b>--</b>	<b>6,280</b>	<b>3</b>	<b>1</b>	<b>--</b>	<b>4,000</b>

PROJECT NO: 4550-04-71

CONCRETE SECTION

23+44 - 56+52	3	200	--	--	5,440	--	--	4	--	--	200
<b>CONCRETE SECTION SUBTOTAL</b>	<b>3</b>	<b>200</b>	<b>--</b>	<b>--</b>	<b>5,440</b>	<b>--</b>	<b>--</b>	<b>4</b>	<b>--</b>	<b>--</b>	<b>200</b>

MILL & OVERLAY SECTION

56+52 - 568+34	--	42,600	42,600	11	1	--	51,180	17	--	--	42,600
<b>MILL &amp; OVERLAY SECTION SUBTOTAL</b>	<b>--</b>	<b>42,600</b>	<b>42,600</b>	<b>11</b>	<b>1</b>	<b>--</b>	<b>51,180</b>	<b>17</b>	<b>--</b>	<b>--</b>	<b>42,600</b>

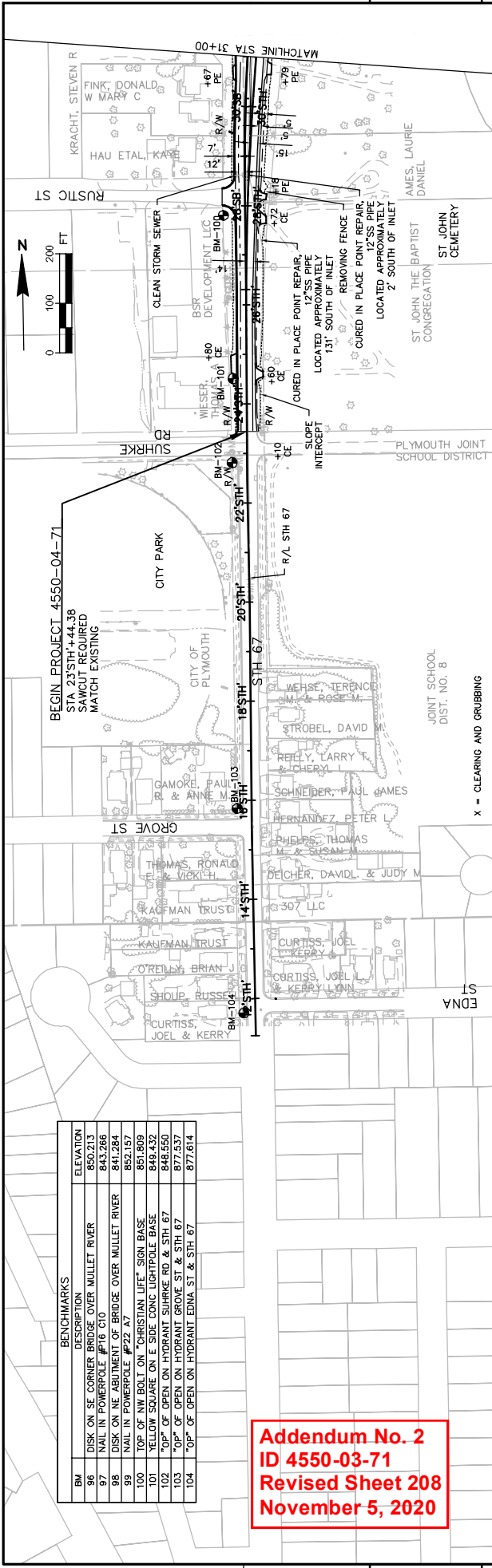
4550-04-71 TOTAL

	3	42,800	42,600	11	1	5,440	51,180	21	--	1	42,800
--	---	--------	--------	----	---	-------	--------	----	----	---	--------

CONSTRUCTION TOTAL

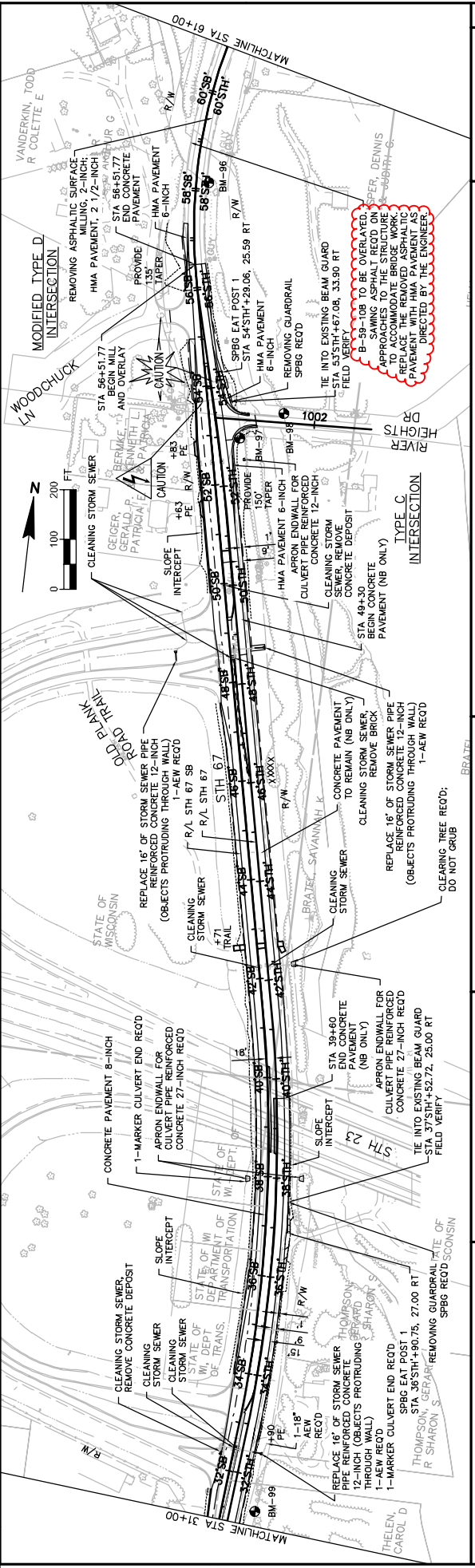
	4	46,800	46,600	14	1	5,440	57,460	24	1	1	46,800
--	---	--------	--------	----	---	-------	--------	----	---	---	--------

**Addendum No. 2**  
**ID 4550-03-71**  
**Revised Sheet 188**  
**November 5, 2020**



BM	DESCRIPTION	ELEVATION
89	DISK ON SE CORNER BRIDGE OVER MULLET RIVER	850.213
90	NAIL IN POWERPOLE #116 C/O	843.213
98	DISK ON NE ABUTMENT OF BRIDGE OVER MULLET RIVER	841.284
99	NAIL IN POWERPOLE #122 A7	852.157
100	TOP OF NW BOLT ON "CHRISTIAN LIFE" SIGN BASE	851.809
101	YELLOW SQUARE ON E SIDE CONC LIGHTPOLE BASE	849.432
102	"OP" OF OPEN ON HYDRANT SUHRKE RD & STH 67	848.550
103	"OP" OF OPEN ON HYDRANT GROVE ST & STH 67	872.537
104	"OP" OF OPEN ON HYDRANT EDNA ST & STH 67	877.614

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 ID 4550-03-71  
 Revised Sheet 208  
 November 5, 2020



**Addendum No. 2**  
**ID 4550-03-71**  
**Revised Sheet 382**  
**November 5, 2020**

STATION	AREA (SF)		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
23+44.383	14.48	0.00	0	0	0	0	0
23+50.000	13.50	0.75	3	0	3	0	3
24+00.000	11.67	3.90	23	4	26	5	21
24+50.000	13.65	0.00	23	4	50	10	40
25+00.000	11.07	7.03	23	7	73	18	54
25+50.000	15.09	4.70	24	11	97	32	65
26+00.000	19.65	2.63	32	7	129	40	89
26+50.000	20.14	0.58	37	3	166	44	122
27+00.000	19.81	0.02	37	1	203	45	158
27+50.000	22.50	0.00	39	0	242	45	197
30+50.000	23.29	0.00	0	0	242	45	197
31+00.000	20.60	0.00	41	0	283	45	238
35+00.000	14.34	0.00	27	0	309	45	265
51+50.000	13.45	3.27	0	0	309	45	265
52+00.000	13.72	1.16	25	4	334	50	285
52+50.000	10.63	0.55	23	2	357	52	305
54+00.000	20.89	15.30	19	14	376	69	307
<b>COLUMN TOTALS</b>			376	56			

**NOTES:**  
 1 - CUT MATERIAL - SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL DOES NOT INCLUDE PAVEMENT EXC VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDINATE  $[(CUT) - ((FILL) * FILL FACTOR)]$



**Addendum No. 2**  
**ID 4550-03-71**  
**Revised Sheet 383**  
**November 5, 2020**

STATION	AREA (SF)		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		MASS ORDINATE
	CUT	FILL	CUT	FILL	CUT	FILL	
1000+40.000	36.06	0.59	0	0	0	0	NOTE 3
1000+50.000	22.68	0.91	11	0	11	0	
1000+67.502	13.40	0.64	12	1	23	1	
1000+84.358	7.58	11.73	7	4	29	6	
<b>COLUMN TOTALS</b>			29	5			

**NOTES:**  
 1 - CUT  
 CUT DOES INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL  
 DOES NOT INCLUDE PAVEMENT EXC. VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDINATE  
 ((CUT) - ((FILL) \* FILL FACTOR))

**Addendum No. 2  
ID 4550-03-71  
Revised Sheet 384  
November 5, 2020**

STATION	AREA (SF)		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
23+44.383	15.21	1.49	0	0	0	0	0
23+50.000	22.58	1.97	4	0	4	0	3
24+00.000	18.73	1.84	38	4	42	5	37
24+50.000	12.97	2.64	29	4	72	10	62
25+00.000	7.95	9.47	19	11	91	24	67
25+50.000	20.04	0.24	26	9	117	35	82
26+00.000	22.87	0.02	40	0	157	36	121
26+50.000	23.93	0.01	43	0	200	36	164
27+00.000	27.41	0.00	48	0	247	36	212
27+50.000	28.42	0.00	52	0	299	36	263
30+50.000	32.54	0.24	0	0	299	36	263
31+00.000	32.37	0.37	60	1	359	36	323
36+00.000	19.10	0.08	35	0	395	37	358
51+50.000	42.41	0.03	0	0	395	37	358
52+00.000	41.72	0.02	78	0	473	37	436
52+50.000	35.95	0.05	72	0	544	37	508
54+00.000	33.93	0.03	31	0	576	37	539
<b>COLUMN TOTALS</b>			576	29			

**NOTES:**  
 1 - CUT MATERIAL - SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL DOES NOT INCLUDE PAVEMENT EXC. VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDINATE [(CUT) - ((FILL) \* FILL FACTOR)]

**Addendum No. 2  
ID 4550-03-71  
Revised Sheet 385  
November 5, 2020**

**DIVISION 5 - STH 67**

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		EXPANDED FILL 1.25	MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	FILL		
54+50.000	45.93	9.00	85	17	85	21	64	
<b>COLUMN TOTALS</b>			85	17				

**NOTES:**

- CUT DOES INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.
- FILL DOES NOT INCLUDE PAVEMENT EXC VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.
- MASS ORDINATE ((CUT) - ((FILL) \* FILL\_FACTOR))

DIVISION 6 - STH 67

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		EXPANDED FILL 1.25	MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	FILL		
56+51.770	17.98	0.00	0	0	0	0	0	0
57+00.000	16.30	32.56	31	30	31	38	38	-7
57+34.507	18.48	31.17	23	42	54	91	91	-37
57+50.000	0.00	0.00	3	9	59	102	102	-43
64+50.000	2.92	8.89	3	8	62	112	112	-50
65+00.000	1.98	9.12	3	17	66	133	133	-67
65+50.000	0.82	8.37	3	16	69	153	153	-84
66+00.000	0.53	8.38	1	16	70	173	173	-103
66+50.000	11.43	3.07	11	10	81	186	186	-105
66+60.000	11.42	2.94	4	1	85	187	187	-102
67+00.000	0.00	0.00	8	2	93	190	190	-96
67+125.000	0.85	2.40	0	1	94	191	191	-97
67+50.000	0.22	2.83	0	2	194	194	194	-100
68+00.000	0.40	4.83	1	7	195	203	203	-108
68+50.000	0.11	5.94	0	10	195	215	215	-119
69+00.000	1.73	2.71	2	8	197	224	224	-127
69+50.000	2.05	1.50	3	4	200	229	229	-129
70+00.000	1.33	1.29	3	3	203	232	232	-130
70+50.000	0.55	1.63	2	3	205	235	235	-130
71+00.000	0.00	0.00	1	0	206	237	237	-132
74+21.764	7.66	0.00	3	0	209	237	237	-129
74+50.000	1.77	0.00	5	0	214	237	237	-124
75+00.000	0.11	3.06	2	3	216	241	241	-125
75+50.000	0.00	8.28	0	11	216	254	254	-138
76+00.000	0.25	12.78	0	20	216	278	278	-163
76+50.000	0.31	13.40	1	24	217	309	309	-192
77+00.000	1.02	13.21	1	25	218	339	339	-222
77+50.000	0.51	12.35	1	24	219	369	369	-250
78+00.000	1.86	8.73	2	20	221	393	393	-272
78+50.000	0.39	11.52	2	19	223	417	417	-294
79+00.000	1.12	2.20	2	13	225	433	433	-308
79+50.000	0.24	11.24	1	12	226	448	448	-322
79+90.000	4.20	8.00	3	14	229	466	466	-337
80+00.000	4.82	6.44	2	3	231	469	469	-339
80+10.000	4.29	5.55	2	2	233	472	472	-340
80+50.000	1.46	1.26	4	5	237	479	479	-342
81+00.000	10.08	0.17	11	1	248	480	480	-333
81+50.000	0.62	0.93	10	1	258	482	482	-324
82+00.000	3.28	0.14	4	1	262	483	483	-322
82+09.977	1.56	0.00	1	0	263	483	483	-321
82+50.000	0.00	0.00	1	0	263	483	483	-320
83+00.000	0.53	24.69	0	23	263	511	511	-348
83+40.000	0.53	22.99	1	35	264	556	556	-391
83+50.000	0.00	0.00	0	4	264	561	561	-397

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November 5, 2020

NOTES:  
1 - CUT  
2 - FILL  
3 - MASS ORDINATE [(CUT) - ((FILL) \* FILL FACTOR)]

CUT DOES INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
DOES NOT INCLUDE PAVEMENT EXC VOLUME.  
SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.

CONTINUED FROM PREVIOUS SHEET  
DIVISION 6 - STH 67

STATION	AREA (SF)		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		EXPANDED FILL 1.25	MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL		
89+62.089	0.96	0.92	0	0	165	0	561	-397
90+00.000	0.13	1.02	1	1	165	1	563	-398
90+50.000	0.61	0.89	1	2	166	2	565	-399
91+00.000	1.51	0.87	2	2	168	2	567	-399
91+50.000	0.04	2.86	1	3	169	3	571	-402
92+00.000	0.69	0.77	1	3	170	3	576	-406
92+50.000	0.16	1.61	1	2	171	2	578	-408
93+00.000	0.37	0.33	0	2	171	2	581	-409
93+50.000	0.81	0.14	1	0	172	0	581	-409
94+00.000	1.02	0.70	2	1	174	1	582	-408
94+50.000	1.04	2.36	2	2	176	2	586	-410
94+65.127	2.59	4.94	1	3	177	3	588	-411
95+00.000	0.72	13.05	2	2	179	2	603	-424
95+50.000	12.21	4.51	12	16	191	16	623	-432
96+00.000	19.32	21.84	29	24	220	24	654	-433
96+50.000	17.70	24.25	34	43	255	43	707	-452
97+00.000	28.92	25.78	43	46	298	46	765	-467
97+50.000	14.70	27.88	40	50	338	50	827	-489
98+00.000	15.01	10.42	27	35	366	35	871	-506
98+50.000	22.55	0.00	35	10	400	10	883	-483
98+69.601	20.62	0.00	16	0	416	0	883	-467
99+00.000	15.31	0.00	20	0	436	0	883	-447
99+02.627	15.44	0.00	2	0	438	0	883	-446
<b>COLUMN TOTALS</b>			438	707				

NOTES:  
 1 - CUT MATERIAL - SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 DOES NOT INCLUDE PAVEMENT EXC. VOLUME.  
 2 - FILL SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDINATE  $[(CUT) - ((FILL) * FILL\ FACTOR)]$

Addendum No. 2  
 ID 4550-03-71  
 Revised Sheet 387  
 November 5, 2020

**Addendum No. 2**  
**ID 4550-03-71**  
**Revised Sheet 388**  
**November 5, 2020**

STATION	AREA (SF)		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		EXPANDED FTIL 1.25	MASS ORDNATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	FILL		
140+77.160	14.54	0.45	0	0	0	0	0	0
141+00.000	13.79	0.83	12	1	12	1	11	11
141+50.000	15.84	1.23	27	2	39	3	16	16
142+00.000	17.56	1.72	31	3	70	6	64	64
142+50.000	20.05	0.98	35	3	105	10	96	96
143+00.000	20.08	0.99	37	2	142	12	130	130
143+50.000	9.73	0.06	28	1	170	13	157	157
144+00.000	0.27	0.38	9	0	179	14	166	166
144+50.000	2.37	0.00	2	0	182	14	168	168
144+67.705	16.40	0.30	6	0	188	14	174	174
145+00.000	16.34	0.00	20	0	207	14	193	193
145+50.000	22.65	2.36	36	2	244	17	226	226
145+69.650	23.72	0.17	17	1	261	18	242	242
145+77.160	1.79	0.04	4	0	265	18	246	246
146+00.000	0.00	0.00	1	0	266	18	246	246
146+50.000	0.00	0.00	0	0	266	18	246	246
147+00.000	0.00	0.00	0	0	266	18	246	246
147+50.000	5.66	0.06	2	0	268	18	248	248
147+66.061	2.41	0.95	5	1	273	19	252	252
148+00.000	0.00	0.00	0	0	273	19	253	253
148+14.461	30.58	0.00	14	0	287	19	267	267
149+24.937	27.57	0.00	27	0	314	19	294	294
149+50.000	27.58	0.00	51	0	365	19	345	345
150+00.000	18.28	15.42	42	14	407	37	389	389
151+00.000	16.35	15.05	22	28	429	73	366	366
151+50.000	12.36	14.66	27	28	456	107	388	388
152+00.000	14.08	13.11	24	28	480	141	398	398
152+24.576	15.26	11.84	13	12	493	137	396	396
152+50.000	0.00	0.00	7	6	500	164	397	397
163+28.714	1.71	0.82	1	0	501	164	397	397
163+50.000	1.95	0.86	1	1	502	165	398	398
164+00.000	3.68	0.63	5	1	507	167	351	351
164+50.000	3.96	0.44	7	1	514	168	357	357
165+00.000	2.47	2.01	6	2	520	171	350	350
165+50.000	1.28	1.47	3	3	523	171	350	350
166+00.000	2.13	0.00	3	1	526	177	351	351
166+50.000	0.00	0.00	2	0	528	177	351	351
170+14.179	0.01	3.17	0	1	528	178	352	352
170+50.000	0.00	13.08	0	11	528	191	348	348
171+00.000	4.22	3.73	4	16	532	211	333	333
171+50.000	1.71	7.32	6	10	538	223	326	326
172+00.000	11.48	2.19	12	9	550	234	327	327
172+50.000	7.29	3.09	17	5	567	241	338	338
172+82.418	11.00	3.39	11	4	578	245	344	344
173+00.000	35.03	4.09	15	2	593	248	356	356
173+50.000	45.43	7.22	75	10	668	262	418	418
174+00.000	25.34	8.38	66	14	734	280	455	455
174+50.000	19.88	10.55	42	18	776	301	485	485
175+00.000	9.38	10.87	27	20	803	326	487	487
175+50.000	7.18	11.75	15	21	818	352	476	476
176+00.000	0.48	3.07	7	14	825	370	466	466
176+50.000	0.52	4.36	7	7	832	378	458	458

NOTES:  
 1 - CUT MATERIAL - SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL DOES NOT INCLUDE PAVEMENT EXC VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDNATE ((CUT) - ((FILL) \* FILL FACTOR))

CONTINUED FROM PREVIOUS SHEET  
DIVISION 6 - STH 67

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		EXPANDED FILL 1.25	MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 1		
177+00.00	0.43	0.69	1	5	388	453		
177+50.00	0.21	2.60	1	3	385	450		
178+00.00	0.04	3.16	0	5	385	444		
178+50.00	0.65	0.46	0	3	395	440		
179+00.00	0.24	3.39	1	4	404	437		
179+50.00	0.04	5.42	0	8	414	427		
180+00.00	0.74	1.25	1	6	421	420		
180+50.00	1.70	0.05	2	1	423	421		
181+00.00	0.79	0.00	2	0	423	423		
181+29.265	1.43	0.20	1	0	423	424		
181+50.00	0.00	0.00	1	0	423	424		
185+00.00	0.05	1.57	0	1	425	423		
185+50.00	0.56	0.59	1	2	421	421		
186+00.00	0.69	4.63	1	5	433	416		
186+50.00	0.38	5.94	1	10	446	404		
187+00.00	1.45	0.00	2	6	453	399		
187+50.00	1.03	0.04	2	0	453	401		
188+00.00	0.50	0.00	1	0	453	403		
188+50.00	0.08	1.69	1	2	455	401		
189+00.00	0.00	8.22	0	9	467	390		
189+50.00	0.00	6.09	0	13	482	373		
190+00.00	0.00	5.10	0	11	496	360		
190+50.00	0.00	3.51	0	6	507	350		
190+58.264	0.00	0.49	0	1	507	349		
196+71.029	24.62	0.00	10	0	508	358		
197+00.00	22.99	0.00	26	0	508	383		
197+50.00	25.53	0.06	45	0	508	429		
198+00.00	25.15	0.05	47	0	508	476		
198+50.00	22.18	2.22	44	2	511	517		
199+00.00	23.20	1.11	42	3	1071	515		
199+50.00	22.96	0.11	43	1	1114	598		
200+00.00	31.70	0.00	51	0	1155	516		
200+18.760	26.31	6.49	20	2	1185	649		
200+50.00	0.00	0.00	15	4	1200	666		
204+45.772	2.85	0.07	0	0	1202	679		
204+50.00	1.98	0.35	0	0	1203	679		
205+00.00	1.50	2.38	3	2	1206	679		
205+50.00	2.45	0.11	4	2	1210	680		
206+00.00	1.46	0.87	4	1	1213	682		
206+50.00	0.49	6.04	2	16	1215	676		
207+00.00	0.96	8.01	1	13	1216	661		
207+50.00	1.21	2.14	2	9	1218	652		
208+00.00	0.76	1.70	2	4	1200	649		
208+50.00	2.55	0.63	3	2	1223	632		
209+00.00	2.21	1.81	4	2	1228	631		
209+50.00	1.29	1.30	3	3	1231	648		
210+00.00	1.67	3.45	3	4	1234	641		
210+50.00	1.94	4.88	3	8	1237	636		
211+00.00	2.73	3.88	4	5	1241	635		
211+50.00	3.44	1.96	6	4	1247	633		
212+00.00	0.07	2.46	3	6	1250	626		
212+50.00	0.47	4.43	1	4	1251	621		
213+00.00	1.48	0.62	2	5	1253	631		
213+50.00	1.91	0.00	3	1	1256	632		
213+75.005	0.36	0.61	1	0	1257	624		

NOTES:  
 1 - CUT MATERIAL, SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL DOES NOT INCLUDE PAVEMENT EXC VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDINATE [(CUT) - ((FILL) \* FILL FACTOR)]

Addendum No. 2  
ID 4550-03-71  
Revised Sheet 389  
November 5, 2020

CONTINUED FROM PREVIOUS SHEET

**DIVISION 6 - 5TH 67**

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
214+00.000	0.00	0.00	0	0	1257	633	624
214+04.392	22.23	0.00	2	0	1259	633	626
214+50.000	23.84	0.00	39	0	1298	633	665
215+00.000	37.70	0.00	57	0	1355	633	722
215+50.000	54.24	0.00	85	0	1440	633	807
216+00.000	68.17	0.00	113	0	1553	633	920
216+50.000	26.44	0.00	88	0	1641	633	1008
216+58.070	14.43	0.00	6	0	1647	633	1014
217+00.000	0.00	0.00	11	0	1658	633	1025
220+12.195	0.44	0.84	0	0	1658	633	1025
220+50.000	1.42	0.00	1	1	1659	634	1026
221+00.000	1.99	0.00	3	0	1663	634	1029
221+50.000	3.46	0.00	4	0	1668	634	1034
222+00.000	1.39	1.21	5	1	1672	635	1037
222+50.000	1.59	1.52	3	3	1675	638	1037
223+00.000	0.96	7.10	2	8	1677	648	1029
223+50.000	0.33	13.56	1	20	1678	673	1006
224+00.000	0.49	23.99	1	36	1679	718	962
224+50.000	0.64	16.57	1	39	1680	766	914
225+00.000	0.05	20.05	1	35	1681	810	871
225+50.000	0.07	16.83	0	35	1681	854	827
226+00.000	0.01	10.04	0	26	1681	886	795
226+50.000	0.00	6.89	0	16	1681	905	776
227+00.000	0.00	5.93	0	11	1681	919	762
227+50.000	0.20	1.88	0	6	1681	927	755
228+00.000	0.16	1.22	0	3	1682	930	751
228+50.000	0.46	0.99	1	2	1682	933	750
229+00.000	0.43	0.59	1	1	1683	934	749
229+50.000	0.15	1.80	1	2	1684	937	746
230+00.000	0.92	0.73	1	2	1685	940	745
230+50.000	1.46	0.09	1	1	1687	941	746
231+00.000	0.18	1.99	2	1	1688	942	746
231+50.000	3.77	1.29	4	2	1692	945	747
232+00.000	1.97	1.47	5	3	1697	948	749
232+50.000	2.33	2.57	4	4	1701	953	748
233+00.000	2.08	5.08	4	7	1705	962	748
233+50.000	0.27	12.93	2	17	1708	983	724
234+00.000	0.00	21.97	0	34	1708	1026	682
234+50.000	0.00	23.02	0	44	1708	1080	628
234+94.000	0.00	26.67	0	42	1708	1133	575
<b>COLUMN TOTALS</b>			1708	907			

NOTES:  
 1 - CUT MATERIAL, SALVAGED/UNUSABLE PAVEMENT CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL DOES NOT INCLUDE PAVEMENT EXC VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDINATE  $[(CUT) - ((FILL) * FILL FACTOR)]$

**Addendum No. 2  
 ID 4550-03-71  
 Revised Sheet 390  
 November 5, 2020**



**Addendum No. 2**  
**ID 4550-03-71**  
**Revised Sheet 391**  
**November 5, 2020**

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		MASS ORDNATE
	CUT	FILL	CUT	FILL	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
231+92.00	3.89	0.00	0	0	0	0	3
232+00.00	2.79	0.00	1	0	1	0	1
232+50.00	0.55	4.45	3	4	4	5	-1
233+00.00	0.00	12.85	1	16	5	25	-21
233+50.00	0.00	8.95	0	20	5	50	45
234+00.00	0.09	7.38	0	14	5	68	-63
234+50.00	2.38	1.58	2	8	7	78	-71
235+00.00	0.05	1.81	2	3	9	82	-73
235+50.00	0.06	2.83	0	4	9	87	-78
236+00.00	0.02	5.19	0	7	9	96	-86
236+23.00	2.26	2.43	1	5	10	102	-91
236+50.00	0.02	12.01	1	9	11	113	-101
237+00.00	13.07	30.95	12	41	24	164	-140
237+50.00	14.39	24.85	53	53	50	230	-180
238+00.00	12.11	37.61	25	60	75	305	-230
238+50.00	11.07	25.88	22	61	97	382	-285
239+00.00	11.37	36.97	21	62	118	460	-342
239+50.00	7.82	41.31	18	77	135	556	-420
239+51.958	7.64	41.09	3	3	136	559	-423
239+84.00	2.13	8.08	6	29	142	596	-454
240+00.00	0.00	0.00	1	2	143	599	-456
240+10.00	2.06	6.69	6	1	149	600	-458
240+50.00	5.75	30.30	6	27	157	635	-486
241+00.00	3.53	25.66	9	52	166	699	-542
241+50.00	0.75	25.72	4	48	170	759	-598
241+73.00	4.15	41.60	2	29	172	795	-632
242+00.00	3.98	45.87	4	44	176	850	-682
242+50.00	1.35	51.92	5	91	181	963	-790
243+00.00	5.90	51.39	7	96	188	1082	-903
243+50.00	1.47	43.73	7	88	195	1192	-1007
244+00.00	1.78	40.49	3	78	198	1290	-1101
244+50.00	4.85	45.28	6	70	203	1389	-1194
245+00.00	4.35	46.17	9	85	210	1495	-1291
245+50.00	2.30	40.99	6	81	216	1596	-1386
246+00.00	9.59	48.04	11	82	221	1699	-1478
246+50.00	5.74	49.93	14	91	235	1812	-1562
247+00.00	1.12	29.00	6	73	241	1904	-1728
247+50.00	1.14	29.23	2	54	243	1971	-1790
248+00.00	1.19	26.85	2	52	245	2036	-1849
248+50.00	1.18	25.44	2	48	248	2096	-1910
249+00.00	1.75	30.00	3	51	250	2161	-1965
249+50.00	2.36	20.42	4	47	254	2219	-2016
250+00.00	0.85	26.31	3	43	257	2273	-2062
250+50.00	1.42	15.23	2	38	259	2321	-2092
251+00.00	1.73	13.05	3	26	262	2354	-2120
251+50.00	2.16	14.81	4	26	266	2386	-2164
252+00.00	2.13	26.11	4	38	270	2433	-2211
252+50.00	1.65	17.85	4	41	273	2484	-2259
253+00.00	2.58	26.87	4	41	277	2536	-2310
253+50.00	1.53	20.87	4	44	281	2591	-2352
254+00.00	2.96	19.09	4	44	285	2638	-2404
254+50.00	1.57	29.26	4	45	289	2694	-2477
255+00.00	1.99	36.83	3	61	293	2770	-2477

NOTES:  
 1 - CUT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL DOES NOT INCLUDE PAVEMENT EXC. VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDNATE  $[(CUT) - ((FILL) * FILL\ FACTOR)]$

CONTINUED FROM PREVIOUS SHEET  
DIVISION 6 - STH 67

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		MASS ORDNATE
	CUT	FILL	CUT	FILL	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
255+50.000	3.02	28.53	5	61	297	2846	NOTE 3 -2548
256+00.000	1.70	25.11	4	50	302	2908	-2606
256+50.000	2.23	27.45	4	49	305	2969	-2663
257+00.000	3.23	20.43	5	44	310	3024	-2714
257+50.000	2.40	23.07	5	40	315	3074	-2759
258+00.000	3.50	30.31	5	49	321	3136	-2815
258+50.000	3.55	20.41	7	47	327	3195	-2867
259+00.000	2.98	15.56	6	33	334	3236	-2903
259+50.000	2.64	18.74	5	32	339	3276	-2937
260+00.000	2.21	14.74	4	31	343	3315	-2972
260+50.000	3.04	13.87	5	26	348	3348	-3000
261+00.000	2.38	20.78	5	32	353	3388	-3035
261+50.000	2.22	22.67	5	40	358	3438	-3081
262+00.000	1.59	26.16	4	45	362	3485	-3133
262+50.000	1.28	24.99	2	47	364	3534	-3190
263+00.000	1.99	13.25	3	35	367	3588	-3231
263+50.000	2.02	15.21	4	26	371	3631	-3261
264+00.000	1.53	17.82	3	31	374	3670	-3295
264+50.000	C.64	26.69	2	41	376	3721	-3345
265+00.000	C.87	21.45	1	45	378	3777	-3399
265+50.000	1.35	19.73	2	38	380	3824	-3445
266+00.000	1.56	17.83	3	35	382	3868	-3486
266+50.000	2.31	18.93	4	34	386	3910	-3525
267+00.000	2.82	22.32	5	38	391	3958	-3568
267+50.000	2.28	14.70	5	34	395	4001	-3606
268+00.000	2.11	18.94	4	31	399	4040	-3641
268+50.000	2.26	18.03	4	34	403	4083	-3679
269+00.000	1.68	19.24	4	35	407	4126	-3719
269+50.000	11.01	21.50	12	38	419	4173	-3754
270+00.000	10.69	24.98	20	43	439	4227	-3788
270+50.000	12.35	23.68	21	45	460	4283	-3823
271+00.000	12.15	23.80	23	44	483	4338	-3855
271+50.000	12.96	25.31	23	45	506	4385	-3889
272+00.000	13.94	25.25	25	47	531	4433	-3922
272+50.000	17.60	17.14	29	39	560	4513	-3942
273+00.000	13.03	13.41	33	28	593	4538	-3945
273+37.885	21.05	23.61	27	26	621	4570	-3950
273+50.000	3.79	25.17	6	11	626	4584	-3958
274+00.000	5.39	10.44	12	33	639	4625	-3987
274+06.343	13.57	8.58	3	2	641	4628	-3987
274+50.000	C.00	0.00	11	7	652	4637	-3985

**Addendum No. 2  
ID 4550-03-71  
Revised Sheet 392  
November 5, 2020**

NOTES:  
1 - CUT  
2 - FILL  
3 - MASS ORDNATE  
CUT DOES INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL - SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET  
DOES NOT INCLUDE PAVEMENT EXC VOLUME  
SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
[(CUT) - ((FILL) \* FILL FACTOR)]

CONTINUED FROM PREVIOUS SHEET  
DIVISION 6 - 5TH 67

STATION	AREA (SF)		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		EXPANDED FILL 1.25	MASS ORDNATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	FILL 1.25		
287+00.000	0.56	0.21	1	0	653	4637	-3984	
287+50.000	1.07	5.83	2	6	654	4644	-3990	
288+00.000	1.84	11.66	3	16	657	4664	-4007	
288+50.000	0.97	10.33	3	20	659	4690	-4030	
289+00.000	0.03	27.52	1	35	660	4733	-4073	
289+50.000	0.30	40.11	0	63	661	4812	-4151	
290+00.000	1.05	38.44	1	73	662	4903	-4241	
290+50.000	0.23	15.37	1	50	663	4965	-4302	
291+00.000	0.23	3.72	0	18	664	4987	-4323	
291+50.000	0.73	4.83	1	8	664	4997	-4332	
292+00.000	0.07	10.94	1	15	665	5015	-4350	
292+50.000	0.03	10.12	0	20	665	5040	-4374	
293+00.000	0.73	5.64	1	15	666	5058	-4392	
293+50.000	1.83	4.00	2	9	668	5069	-4400	
294+00.000	1.17	4.55	3	8	671	5079	-4407	
294+50.000	1.24	3.50	2	7	673	5088	-4414	
295+00.000	1.24	4.94	2	8	676	5097	-4422	
295+50.000	0.51	4.56	2	9	677	5108	-4431	
296+00.000	0.91	3.65	1	8	679	5118	-4439	
296+50.000	0.00	0.00	1	8	679	5122	-4443	
297+26.578	1.63	297+26.578	1	8	680	5132	-4452	
297+50.000	1.41	15.94	1	18	681	5154	-4473	
298+00.000	1.69	25.73	3	24	684	5185	-4500	
298+50.000	0.28	51.80	2	49	686	5246	-4560	
299+00.000	1.01	42.35	1	89	687	5356	-4669	
299+50.000	2.07	12.90	3	52	690	5421	-4731	
300+00.000	2.82	14.45	5	25	695	5452	-4758	
300+50.000	1.98	9.09	4	22	699	5479	-4780	
300+62.274	14.98	1.43	4	22	703	5482	-4779	
301+00.000	1.65	1.76	4	2	715	5484	-4769	
301+40.000	1.08	15.28	12	1	717	5485	-4768	
302+81.943	0.03	29.59	2	9	717	5497	-4799	
303+00.000	0.16	17.88	0	15	717	5516	-4852	
303+50.000	0.77	15.50	1	43	718	5570	-4852	
304+00.000	0.44	13.00	1	30	719	5608	-4889	
304+50.000	0.52	13.69	1	26	720	5640	-4921	
305+00.000	0.31	9.49	1	24	721	5671	-4950	
305+50.000	1.43	5.18	2	21	722	5697	-4975	
306+00.000	1.51	0.00	3	13	725	5714	-4989	
306+50.000	0.00	4.52	1	5	726	5719	-4993	
308+00.000	1.23	20.19	1	4	727	5725	-4997	
308+50.000	0.18	3.22	1	23	729	5753	-5024	
309+00.000	0.93	5.25	1	21	730	5780	-5050	
309+50.000	1.03		2	8	732	5789	-5058	

NOTES:  
 1 - CUT CUT DOES INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL DOES NOT INCLUDE PAVEMENT EXC VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDNATE  $[(CUT) - ((FILL) * FILL FACTOR)]$

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 November 5, 2020

CONTINUED FROM PREVIOUS SHEET

**DIVISION 6 - STH 57**

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		MASS ORDNATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
310+00.000	2.11	7.47	3	12	735	5804	-5070
310+50.000	47.35	3.56	46	10	781	5817	-5036
311+00.000	18.23	10.92	62	14	843	5834	-4991
311+50.000	46.93	10.42	60	20	903	5859	-4956
312+00.000	47.09	6.29	87	15	990	5878	-4888
312+50.000	46.30	2.04	86	8	1077	5888	-4811
313+00.000	44.64	0.96	84	3	1161	5891	-4731
313+50.000	130.58	0.00	162	1	1323	5892	-4569
314+00.000	37.85	0.00	156	0	1479	5892	-4413
314+50.000	43.12	0.80	75	1	1554	5893	-4339
315+00.000	63.46	2.22	99	3	1653	5897	-4244
315+20.000	76.15	9.59	52	4	1704	5902	-4198
315+50.000	147.78	9.66	124	11	1829	5916	-4087
316+00.000	22.36	26.09	158	33	1986	5957	-3971
316+50.000	65.30	17.44	81	40	2068	6008	-3940
317+00.000	69.04	5.96	124	22	2192	6035	-3843
317+50.000	37.12	15.87	98	20	2290	6060	-3770
318+00.000	70.66	37.37	100	49	2390	6121	-3731
318+50.000	82.12	30.26	141	63	2531	6200	-3668
319+00.000	81.96	11.63	152	39	2683	6248	-3565
319+30.000	98.49	7.33	100	11	2784	6261	-3478
319+50.000	100.77	0.65	74	3	2857	6265	-3408
320+00.000	97.47	0.33	184	1	3041	6266	-3225
320+50.000	62.16	2.14	148	2	3189	6269	-3080
321+00.000	16.27	0.18	73	2	3261	6272	-3010
321+50.000	4.67	3.32	19	3	3281	6276	-2995
321+78.143	15.58	0.82	11	2	3291	6279	-2987
<b>COLUMN TOTALS</b>			3291	5023			

NOTES:  
 1 - CUT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL DOES NOT INCLUDE PAVEMENT EXC. VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDNATE  $[(CUT) - ((FILL) * FILL FACTOR)]$

**Addendum No. 2  
 ID 4550-03-71  
 Revised Sheet 394  
 November 5, 2020**

STATION	AREA (SF)		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
385+00.000	2.50	16.04	0	0	0	0	0
385+50.000	0.55	9.58	3	24	3	30	-27
386+00.000	12.31	12.31	2	20	5	55	-50
386+50.000	1.30	0.00	2	11	7	69	-62
387+00.000	0.00	0.00	1	0	8	69	-61
389+85.830	15.34	0.00	8	0	16	69	-61
390+00.000	15.70	0.00	8	0	24	69	-53
390+50.000	17.88	0.00	31	0	47	70	-22
391+00.000	14.98	0.26	30	1	78	70	8
391+50.000	14.03	1.26	27	1	105	71	33
392+00.000	20.86	0.34	32	1	137	73	64
392+50.000	22.33	0.00	40	0	177	74	103
393+00.000	11.13	0.00	31	0	208	74	134
393+50.000	6.00	0.04	10	0	218	74	145
394+00.000	0.86	0.00	1	0	219	74	145
394+06.500	0.12	0.00	0	0	219	74	146
395+55.100	0.00	0.85	0	0	219	74	146
396+00.000	0.00	0.50	0	1	219	75	144
396+50.000	8.49	3.28	8	4	227	79	148
397+00.000	10.99	10.99	22	13	249	96	153
397+50.000	9.91	22.56	23	31	272	135	137
398+00.000	11.44	10.40	20	31	291	173	119
398+50.000	11.52	0.00	21	0	313	185	128
398+79.340	11.19	0.00	12	0	325	185	140
399+00.000	6.00	0.00	4	0	329	185	144
401+00.000	0.02	2.28	0	0	329	185	144
401+50.000	0.00	6.44	0	0	329	195	134
402+00.000	0.15	4.00	0	10	329	207	132
402+50.000	1.01	0.18	1	4	331	212	119
403+00.000	0.97	1.55	2	2	332	214	119
403+50.000	1.25	1.48	2	3	334	217	117
404+00.000	0.90	3.38	2	4	336	223	114
404+50.000	0.57	0.35	1	3	338	227	111
405+00.000	6.00	0.00	1	0	338	227	111
411+25.000	1.10	6.40	2	5	340	233	106
411+50.000	2.14	37.34	2	19	342	257	84
411+75.000	1.77	39.48	2	36	344	302	42
412+00.000	3.16	96.78	3	126	347	460	-112
412+50.000	0.48	72.44	2	157	349	656	-307
413+00.000	1.26						

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NOTES:  
1 - CUT  
CUT DOES INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
2 - FILL  
DOES NOT INCLUDE PAVEMENT EXC VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
3 - MASS ORDINATE  
[(CUT) - ((FILL) \* FILL FACTOR)]

CONTINUED FROM PREVIOUS SHEET  
DIVISION 6 - STH 67

STATION	AREA (SF)		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		EXPANDED FILL 1.25	MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	FILL 1.25		
413+50.000	1.08	56.13	2	119	351	804	-453	
414+00.000	1.84	54.90	3	103	354	933	-579	
414+50.000	1.25	60.81	3	107	357	1067	-710	
415+00.000	2.52	29.70	3	84	360	1172	-811	
415+40.000	2.89	11.59	4	31	364	1210	-846	
415+50.000	0.90	5.45	1	3	365	1214	-849	
416+00.000	0.90	1.58	2	7	366	1222	-855	
416+50.000	0.53	4.69	1	6	368	1229	-861	
416+80.000	3.38	11.64	2	9	370	1240	-870	
417+00.000	2.66	13.47	2	9	372	1252	-880	
417+50.000	2.12	36.10	4	46	377	1309	-933	
418+00.000	1.14	75.54	3	103	380	1439	-1059	
418+50.000	2.01	67.86	3	133	383	1605	-1222	
419+00.000	1.34	74.45	3	132	386	1769	-1384	
419+50.000	2.09	69.59	3	133	389	1936	-1547	
419+90.000	3.15	40.36	4	81	393	2038	-1645	
420+00.000	3.18	25.71	1	12	394	2053	-1659	
420+40.000	4.27	2.28	6	21	399	2079	-1690	
420+50.000	0.00	0.00	1	0	400	2080	-1679	
421+70.000	0.71	35.62	0	0	400	2080	-1679	
421+89.951	10.80	88.77	4	46	404	2137	-1733	
422+00.000	11.10	89.74	4	33	409	2179	-1770	
422+50.000	13.87	83.33	23	162	432	2381	-1949	
423+00.000	19.15	64.36	31	139	462	2554	-2092	
423+50.000	12.55	36.81	29	96	492	2674	-2182	
424+00.000	14.29	26.78	25	60	516	2748	-2232	
424+50.000	16.16	32.20	28	55	545	2818	-2273	
425+00.000	20.83	28.14	34	57	579	2889	-2310	
425+30.000	26.65	17.89	26	26	605	2921	-2316	
425+43.152	28.44	0.00	13	4	619	2927	-2308	
425+50.000	0.00	0.00	4	0	622	2927	-2304	
427+33.510	0.00	56.09	0	0	622	2927	-2304	
427+50.000	0.18	84.95	0	43	622	2981	-2358	
428+00.000	1.92	71.35	2	149	624	3167	-2542	
428+34.881	2.42	85.58	3	104	627	3296	-2669	

NOTES:  
 1 - CUT  
 CUT DOES INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL  
 DOES NOT INCLUDE PAVEMENT EXC VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDINATE  
 [(CUT) - ((FILL) \* FILL FACTOR)]

Addendum No. 2  
 ID 4550-03-71  
 Revised Sheet 396  
 November 5, 2020

CONTINUED FROM PREVIOUS SHEET  
DIVISION 6 - STH 67

STATION	AREA (SF)		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		MASS ORDNATE
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
428+50.000	0.04	8.38	1	26	628	3329	-2701
429+00.000	0.01	16.08	0	22	628	3356	-2729
429+50.000	0.40	0.40	1	15	628	3375	-2747
430+00.000	0.60	1.56	1	2	630	3377	-2748
430+14.408	5.29	82.42	2	22	631	3405	-2774
430+50.000	2.85	5.16	5	59	637	3480	-2843
431+00.000	1.27	5.98	4	10	640	3493	-2852
431+50.000	7.29	2.48	8	8	648	3503	-2854
431+75.000	3.57	3.56	5	3	653	3506	-2853
432+00.000	0.47	1.48	2	2	655	3509	-2854
432+50.000	1.80	1.52	2	3	657	3513	-2855
433+00.000	1.05	3.17	3	4	660	3518	-2858
433+50.000	1.30	4.39	2	8	662	3528	-2866
434+00.000	0.23	3.73	1	8	664	3538	-2874
434+50.000	0.27	3.28	0	7	664	3546	-2882
435+00.000	0.88	0.33	1	4	665	3551	-2886
435+50.000	0.49	4.58	1	5	666	3557	-2891
436+00.000	0.38	5.44	1	9	667	3569	-2902
436+50.000	0.01	0.00	0	5	668	3576	-2908
444+50.000	2.51	59.63	0	0	668	3576	-2908
445+00.000	1.06	147.18	3	184	671	3805	-3135
445+50.000	12.55	185.59	13	300	683	4181	-3497
446+00.000	25.45	206.52	353	353	719	4622	-3903
446+50.000	5.37	166.48	29	337	747	5043	-4296
447+00.000	2.44	124.39	7	269	754	5380	-4625
447+50.000	4.91	51.35	7	162	761	5582	-4821
448+00.000	1.27	61.16	6	104	767	5712	-4945
448+40.000	1.77	42.23	2	77	769	5808	-5039
448+50.000	0.00	33.61	0	14	770	5825	-5056
449+00.000	0.41	20.33	0	50	770	5888	-5118
449+50.000	0.00	0.00	0	19	770	5911	-5141
451+70.000	0.51	5.57	0	0	770	5911	-5141
451+90.000	2.86	31.44	1	14	772	5928	-5172
452+00.000	1.90	38.35	1	13	772	5945	-5172
452+50.000	2.23	30.96	4	49	776	6025	-5249
453+00.000	1.06	21.87	3	49	779	6086	-5307
453+50.000	2.08	22.80	3	41	782	6138	-5355
454+00.000	0.07	10.78	2	31	784	6178	-5392
454+50.000	0.72	10.63	1	19	785	6201	-5416
455+00.000	0.39	10.77	1	19	786	6225	-5439
455+50.000	9.78	0.00	9	10	795	6237	-5442
456+00.000	0.00	0.00	9	0	804	6237	-5433
456+50.000	1.52	3.32	1	3	806	6241	-5435
457+00.000	3.16	6.52	4	9	810	6253	-5443
457+50.000	5.68	12.00	8	17	818	6274	-5456

NOTES:  
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2 - FILL DOES NOT INCLUDE PAVEMENT EXC VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
3 - MASS ORDNATE  $[(CUT) - ((FILL) * FILL FACTOR)]$

Addendum No. 2  
ID 4550-03-71  
Revised Sheet 397  
November 5, 2020

CONTINUED FROM PREVIOUS SHEET  
DIVISION 6 - STH 67

STATION	AREA (SF)		INCREMENTAL VOL.(CY) (UNADJUSTED)		CUMULATIVE VOL.(CY)		MASS ORDNATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	EXPANDED FILL 1.25	
457+75.000	5.67	13.66	5	12	824	6289	-5465
458+00.000	4.96	9.97	5	11	829	6303	-5474
458+50.000	15.18	2.93	19	12	847	6318	-5470
459+00.000	1.50	5.73	15	8	863	6328	-5465
459+50.000	1.00	13.96	2	18	865	6350	-5486
460+00.000	0.80	20.09	2	32	867	6390	-5523
460+50.000	1.52	55.27	2	70	869	6477	-5608
461+00.000	0.98	68.09	2	114	871	6620	-5749
461+50.000	1.23	108.01	2	164	873	6825	-5952
462+00.000	1.42	83.26	2	177	876	7045	-6170
462+50.000	1.38	74.12	3	143	878	7224	-6346
463+00.000	1.22	22.64	2	88	881	7334	-6453
463+50.000	1.33	7.11	2	28	883	7368	-6485
464+00.000	0.98	4.12	2	11	885	7381	-6496
464+50.000	8.02	10.75	8	14	893	7399	-6506
465+00.000	5.10	16.86	12	26	906	7431	-6526
465+50.000	0.48	23.34	5	37	911	7478	-6567
466+00.000	0.10	25.38	1	45	911	7534	-6623
466+50.000	0.00	36.74	0	58	911	7606	-6695
466+60.000	0.14	45.22	0	15	911	7624	-6713
467+00.000	0.00	3.45	0	35	911	7668	-6756
467+50.000	0.00	2.94	0	6	911	7575	-6764
468+00.000	0.00	3.23	0	6	911	7682	-6771
468+50.000	0.00	3.73	0	6	911	7690	-6779
469+00.000	0.00	6.87	0	10	911	7702	-6791
469+50.000	0.00	8.23	0	14	911	7720	-6808
470+00.000	0.00	9.82	0	17	911	7741	-6829
470+50.000	0.00	10.96	0	19	911	7765	-6853
471+00.000	0.00	9.94	0	19	911	7789	-6878
471+50.000	0.00	10.66	0	19	911	7813	-6901
472+00.000	0.00	8.43	0	18	911	7835	-6924
472+50.000	0.00	4.40	0	12	911	7850	-6938
473+00.000	0.00	2.03	0	6	911	7857	-6946
473+50.000	0.00	0.00	0	2	911	7860	-6948
474+00.000	2.98	0.76	3	1	914	7861	-6946
474+50.000	0.64	8.46	3	9	918	7871	-6954
474+60.002	1.63	8.83	3	3	918	7875	-6957
475+00.000	2.35	14.38	3	17	921	7897	-6976
475+50.000	1.25	14.55	3	27	924	7930	-7006
476+00.000	1.83	14.65	3	27	927	7964	-7037
476+50.000	3.20	5.57	5	19	932	7987	-7056
477+00.000	3.02	10.17	6	15	938	8006	-7068
477+50.000	1.40	16.29	4	24	942	8036	-7095
478+00.000	0.47	20.30	2	34	943	8079	-7135
478+20.000	0.88	14.73	1	13	944	8095	-7151
478+50.000	1.08	0.00	1	8	945	8105	-7160
479+00.000	6.65	0.00	7	0	952	8105	-7153
<b>COLUMN TOTALS</b>			952	6484			

NOTES:  
 1 - CUT  
 2 - FILL  
 3 - MASS ORDNATE  
 CUT DOES INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 DOES NOT INCLUDE PAVEMENT EXC VOLUME.  
 SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDNATE  $[(CUT) - ((FILL) * FILL FACTOR)]$

Addendum No. 2  
 ID 4550-03-71  
 Revised Sheet 398  
 November 5, 2020



**Addendum No. 2**  
**ID 4550-03-71**  
**Revised Sheet 399**  
**November 5, 2020**

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		EXPANDED FILL 1.25	MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL		
479+00.000	6.50	4.94	0	0	0	0	0	0
479+50.000	22.96	0.86	27	5	27	5	7	21
480+00.000	21.48	0.00	41	1	68	6	8	61
480+50.000	17.33	0.00	36	0	104	6	8	97
480+80.600	0.00	0.00	10	0	114	6	8	106
481+25.000	0.31	0.00	0	0	114	6	8	107
481+50.000	0.89	2.14	1	1	115	7	9	106
481+94.228	7.51	7.38	7	8	122	15	19	103
482+00.000	6.74	11.14	2	2	123	17	21	102
482+50.000	3.71	50.33	10	57	133	92	41	41
483+00.000	1.63	64.81	5	107	138	226	88	-88
483+50.000	1.83	57.75	3	113	141	367	-226	-318
484+00.000	2.76	25.47	4	77	145	464	-318	-350
484+50.000	4.28	7.11	7	30	152	501	-344	-344
485+00.000	19.98	7.59	22	14	174	518	-314	-314
485+50.000	32.23	8.56	48	15	223	537	-307	-307
486+00.000	0.33	11.45	30	19	253	560	-619	-619
486+50.000	0.64	258.67	1	250	254	873	-737	-737
486+59.127	0.59	301.55	0	95	254	991	-848	-848
486+75.000	2.49	3.10	1	90	255	1103	-847	-847
487+00.000	0.00	0.00	1	0	256	1105	-926	-926
487+80.000	4.34	0.00	2	0	258	1105	-1272	-1272
488+00.000	0.93	176.09	2	65	260	1187	-1439	-1439
488+50.000	0.20	124.03	1	278	261	1534	-1445	-1445
488+95.601	0.15	34.25	0	134	262	1701	-1448	-1448
489+00.000	0.30	23.42	0	5	262	1702	-1487	-1487
489+25.000	26.18	2.87	12	12	274	1722	-1442	-1442
489+50.000	0.32	0.32	1	1	286	1724	-1911	-1911
490+00.000	0.34	42.88	1	40	287	1774	-1683	-1683
490+50.000	109.78	6.54	102	46	389	1831	-1459	-1459
491+00.000	0.00	30.48	211	34	600	1874	-1487	-1487
491+50.000	0.00	614.34	109	597	709	2620	-1487	-1487
491+80.000	1.14	512.47	1	626	710	2620	-1487	-1487
492+00.000	0.58	542.81	1	391	710	3891	-1487	-1487
492+50.000	0.85	219.88	1	706	711	4774	-1487	-1487
493+00.000	0.03	123.22	1	318	712	5171	-1487	-1487
493+50.000	0.34	1.42	1	115	713	5315	-1487	-1487
494+00.000	4.28	0.31	4	2	717	5317	-1487	-1487
494+50.000	2.21	1.15	6	1	723	5319	-1487	-1487
495+00.000	0.01	16.71	2	17	725	5340	-1487	-1487
495+25.000	11.83	110.62	5	59	730	5414	-1487	-1487
495+50.000	7.26	170.89	0	130	730	5576	-1487	-1487
496+00.000	6.48	5.46	13	163	743	5779	-1487	-1487
496+50.000	42.63	6.00	45	11	788	5792	-1487	-1487
497+00.000	2.15	1.42	41	16	829	5812	-1487	-1487
497+50.000	0.77	20.17	2	29	841	5849	-1487	-1487
498+00.000	0.13	489.87	0	454	841	6460	-1487	-1487
498+50.000	0.12	486.42	0	883	841	7323	-1487	-1487
499+00.000	0.06	340.31	0	763	842	8062	-1487	-1487
499+50.000	0.05	163.16	0	466	842	8421	-1487	-1487
500+00.000	0.02	146.35	0	287	842	9421	-1487	-1487

**NOTES:**  
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 3 - MASS ORDINATE [(CUT) - ((FILL) \* FILL FACTOR)]

CONTINUED FROM PREVIOUS SHEET  
DIVISION 6 - STH 67

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		MASS ORDNATE
	CUT	FILL	CUT	FILL	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
500+50.000	0.00	162.32	0	286	842	9779	-89377
501+00.000	0.10	110.16	0	253	842	10095	-92553
502+00.000	0.13	0.31	0	102	842	10122	-9380
503+00.000	17.00	13.77	16	13	858	10139	-9381
504+00.000	34.97	8.62	48	21	906	10165	-9359
505+00.000	22.84	10.25	54	17	960	10186	-9327
506+00.000	18.52	14.50	38	23	998	10115	-9317
507+00.000	12.10	6.89	28	20	1026	10140	-9314
508+00.000	0.21	5.21	11	11	1038	10154	-9316
509+00.000	0.31	52.04	0	53	1038	10420	-9382
510+00.000	0.20	63.34	0	107	1039	10554	-9515
511+00.000	0.48	29.61	1	86	1039	10661	-9622
512+00.000	0.04	116.70	0	135	1040	10831	-9791
513+00.000	0.02	209.08	0	302	1040	11008	-10168
514+00.000	0.00	245.38	0	421	1040	11734	-10694
515+00.000	0.00	123.56	0	342	1040	12161	-11121
516+00.000	1.88	0.83	2	115	1042	12305	-11263
517+00.000	4.30	0.04	3	0	1044	12305	-11261
518+00.000	0.00	0.00	2	0	1046	12305	-11259
519+00.000	39.17	1.35	18	1	1064	12306	-11242
520+00.000	99.59	1.67	64	1	1129	12308	-11179
521+00.000	194.44	1.01	272	2	1401	12311	-10910
522+00.000	347.04	0.40	501	1	1902	12312	-10410
523+00.000	258.75	0.00	561	0	2463	12313	-9850
524+00.000	237.63	0.00	384	0	2847	12313	-9466
525+00.000	0.00	0.00	36	0	2883	12313	-9430
526+00.000	1.06	4.09	1	3	2884	12317	-9433
527+00.000	0.17	4.47	0	2	2884	12319	-9435
528+00.000	0.83	0.00	1	4	2885	12324	-9439
529+00.000	0.20	3.93	1	4	2886	12328	-9442
530+00.000	1.09	67.82	0	13	2886	12345	-9459
531+00.000	4.90	360.39	3	223	2889	12624	-9734
532+00.000	7.88	30.29	3	86	2892	12731	-9839
533+00.000	37.19	9.31	42	37	2934	12777	-9843
534+00.000	35.47	14.91	67	22	3001	12805	-9804
535+00.000	47.72	48.16	77	58	3078	12828	-9800
536+00.000	44.55	51.55	11	12	3090	12893	-9804
537+00.000	0.00	0.00	36	41	3125	12845	-9820
538+00.000	0.26	8.94	0	4	3125	12850	-9825
539+00.000	2.23	87.08	1	44	3127	13006	-9879
540+00.000	5.90	60.34	6	137	3154	13176	-10042
541+00.000	18.39	126.88	10	80	3145	13376	-10132
542+00.000	28.13	30.38	23	78	3168	13419	-10207
543+00.000	8.10	8.10	29	26	3197	13423	-10222
544+00.000	-0.07	16.25	0	3	3197	13403	-10225
545+00.000	-0.10	64.43	0	64	3197	13303	-10306
546+00.000	0.69	44.74	1	101	3198	13309	-10432
547+00.000	1.43	17.64	2	54	3199	13307	-10468
548+00.000	1.65	41.20	2	10	3201	13310	-10509

NOTES:  
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 DOES NOT INCLUDE PAVEMENT EXC VOLUME.  
 SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 [(CUT) - ((FILL) \* FILL FACTOR)]

Addendum No. 2  
 ID 4550-03-71  
 Revised Sheet 400  
 November 5, 2020

CONTINUED FROM PREVIOUS SHEET  
DIVISION 6 - STH 67

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	EXPANDED FILL 1.25	
523+50.00	0.00	0.00	1	2	3205	13712	-1451.0
524+00.00	0.00	0.00	0	0	3205	13712	-1451.0
524+30.00	0.00	0.00	0	0	3205	13712	-1451.0
524+64.786	2.96	1.37	1	0	3206	13713	-1451.0
525+00.00	76.01	0.00	52	1	3254	13713	-1445.9
525+30.00	215.44	0.00	270	0	3524	13713	-1418.9
525+51.767	219.81	0.14	14	0	3538	13713	-1417.5
526+00.00	111.59	0.09	296	0	3834	13713	-879
526+11.770	73.15	0.00	40	0	3874	13714	-839
526+50.00	1.66	0.04	53	0	3927	13714	-824
527+00.00	34.30	0.75	2	32	3930	13753	-860
527+12.220	1.05	94.16	0	29	3930	13790	-860
527+16.576	1.85	162.40	4	21	3934	13815	-885
527+50.00	4.23	52.67	24	133	3958	13982	-1004.8
528+00.00	21.58	36.33	82	82	4085	14207	-1023.3
528+35.815	4.15	111.45	17	98	3975	14207	-1023.3
529+00.00	7.60	95.83	3	55	3978	14276	-1029.8
529+00.00	97.01	0.77	12	179	3990	14499	-1050.9
529+90.794	17.14	0.77	21	89	4010	14611	-1060.1
530+00.00	1.17	0.71	14	3	4024	14614	-1059.1
530+50.00	0.00	0.00	0	1	4024	14615	-1059.1
531+00.00	0.00	0.00	0	1	4025	14616	-1059.1
531+50.00	0.00	0.00	0	0	4025	14616	-1059.1
531+70.00	0.48	25.18	0	9	4026	14628	-1060.2
532+00.00	0.29	87.24	0	62	4026	14706	-1068.0
532+10.00	1.47	105.48	0	35	4026	14750	-1072.4
532+50.00	0.92	223.66	2	244	4028	15055	-1.027
533+00.00	22.60	168.91	22	363	4050	15509	-1.460
533+40.00	42.35	157.83	48	242	4098	15812	-1.714
533+50.00	0.34	150.61	8	57	4106	15883	-1.778
534+00.00	0.62	129.03	1	259	4107	16207	-1210.0
534+50.00	1.52	28.31	2	146	4109	16389	-1228.0
535+00.00	0.84	9.16	2	35	4111	16433	-1232.2
535+50.00	0.02	21.54	1	28	4112	16468	-1235.6
536+00.00	0.01	26.37	0	44	4112	16524	-1241.2
536+25.00	3.42	27.27	2	25	4113	16555	-1244.1
536+50.00	0.95	21.44	2	23	4115	16583	-1246.7
537+00.00	0.13	15.06	1	34	4116	16625	-1250.9
537+50.00	0.12	39.27	0	50	4117	16688	-1257.1
538+00.00	0.36	47.95	0	81	4117	16789	-1267.2
538+50.00	0.00	47.87	0	89	4117	16900	-1278.2
539+00.00	0.04	29.63	0	72	4117	16989	-1287.2
539+50.00	0.06	24.08	0	50	4118	17052	-1293.4
540+00.00	0.43	5.75	0	28	4118	17086	-1296.8
540+50.00	0.61	2.27	1	7	4119	17095	-1297.6
541+00.00	0.76	2.04	1	4	4120	17100	-1298.0
541+50.00	0.77	0.59	1	2	4122	17103	-1298.2
542+00.00	6.18	1.56	6	2	4128	17106	-1297.8
542+50.00	0.08	1.75	6	3	4134	17110	-1297.6
543+00.00	0.20	2.13	0	4	4134	17114	-1298.0
543+40.00	2.01	1.38	2	3	4136	17118	-1298.2
543+50.00	2.35	1.33	1	1	4137	17118	-1298.2
544+00.00	3.41	1.24	5	2	4142	17121	-1297.9

NOTES:  
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 3 - MASS ORDINATE [(CUT) - ((FILL) \* FILL FACTOR)]

Addendum No. 2  
 ID 4550-03-71  
 Revised Sheet 401  
 November 5, 2020

CONTINUED FROM PREVIOUS SHEET

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		EXPANDED FILL 1.25	MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT NOTE 1	FILL NOTE 2		
544+50.000	3.48	0.37	6	1	4148	17123	-113975	
545+00.000	4.29	1.51	7	2	4155	17125	-113970	
545+25.000	4.39	0.40	4	1	4159	17126	-113967	
545+50.000	2.40	0.00	3	0	4163	17127	-113964	
545+60.000	2.49	0.00	2	0	4164	17127	-113963	
546+00.000	0.00	0.00	1	0	4165	17127	-113961	
546+30.000	2.71	0.38	2	0	4167	17127	-113960	
546+50.000	2.29	0.32	2	0	4169	17127	-113958	
548+00.000	1.28	1.40	3	2	4172	17129	-113957	
549+50.000	0.97	2.47	2	4	4174	17134	-113960	
550+00.000	1.21	4.42	2	6	4176	17142	-113966	
551+00.000	0.68	5.13	3	15	4178	17155	-113975	
551+40.000	0.84	10.64	1	15	4180	17171	-113991	
551+60.000	0.80	13.03	1	15	4182	17193	-114011	
551+80.000	0.89	14.05	0	15	4182	17200	-114018	
552+00.000	0.17	11.05	1	27	4183	17229	-114082	
552+30.000	0.13	11.24	1	34	4184	17216	-114120	
553+00.000	0.00	12.04	0	31	4185	17242	-114115	
553+30.000	0.00	12.00	0	22	4185	17342	-114219	
554+00.000	3.77	44.78	0	50	4186	17447	-114266	
554+30.000	1.04	50.78	1	34	4188	17504	-114314	
555+00.000	0.74	50.93	2	45	4189	17547	-114355	
555+50.000	0.86	61.77	2	34	4192	17589	-114366	
555+75.000	0.86	4.50	1	10	4193	17589	-114371	
556+00.000	0.84	7.26	1	4	4195	17572	-114377	
556+50.000	0.14	11.90	1	5	4195	17594	-114399	
557+00.000	1.75	13.14	2	18	4197	17623	-114426	
557+50.000	1.26	5.41	3	23	4200	17644	-114444	
557+70.000	0.59	10.27	6	17	4200	17652	-114451	
558+00.000	0.00	17.18	0	15	4201	17671	-114470	
558+50.000	0.00	11.68	0	27	4201	17704	-115013	
559+00.000	0.00	0.00	0	7	4201	17715	-115115	
561+50.000	1.63	0.00	0	2	4201	17716	-115115	
562+00.000	1.02	1.50	2	0	4203	17720	-115117	
562+30.000	4.70	2.83	2	3	4206	17727	-11521	
562+50.000	1.81	7.34	2	6	4206	17737	-11528	
563+00.000	3.14	13.95	5	8	4209	17757	-11554	
563+10.000	0.40	11.19	4	24	4213	17772	-11558	
563+50.000	1.44	5.75	3	13	4217	17788	-11571	
564+00.000	1.44	5.24	4	10	4219	17801	-11582	
564+50.000	3.21	3.26	3	25	4222	17841	-11589	
564+90.030	1.56	30.11	0	4	4226	17841	-11616	
565+00.000	0.44	27.55	0	0	4226	17863	-11636	
565+50.000	0.44	64.08	1	17	4228	18075	-11847	
566+00.000	1.17	119.23	1	170	4229	18356	-14127	
566+50.000	2.12	123.60	3	225	4232	18550	-14318	
566+57.433	3.84	44.18	1	155	4233	18565	-14332	
567+00.000	28.72	44.46	26	12	4259	18637	-14378	
567+95.182	27.13	27.97	52	57	4310	18669	-14359	
568+00.000	68.41	0.00	80	26	4390	18671	-14280	
568+25.555	0.00	0.00	1	0	4397	18671	-14274	
					4397	18671		
					4397	14937		

4397

14937

NOTES:  
 1 - CUT  
 2 - FILL  
 3 - MASS ORDINATE  
 ((CUT) - (FILL) \* FILL FACTOR)

Addendum No. 2  
 ID 4550-03-71  
 Revised Sheet 402  
 November 5, 2020

**Addendum No. 2**  
**ID 4550-03-71**  
**Revised Sheet 403**  
**November 5, 2020**

STATION	AREA (SF)		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		EXPANDED FILL 1.25	MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	FILL		
568+47.340	2.88	0.00	0	0	0	0	0	0
568+50.000	2.24	0.00	0	0	0	0	0	0
569+00.000	15.53	0.00	16	0	16	0	17	17
569+25.000	11.67	0.00	13	0	29	0	29	29
569+50.000	10.42	0.17	10	0	40	0	39	39
570+00.000	3.01	13.00	12	12	52	15	57	57
570+50.000	0.08	20.87	3	31	55	55	0	0
571+00.000	0.52	23.15	1	41	56	106	-50	-50
571+50.000	2.39	5.72	3	27	59	139	-81	-81
572+00.000	0.17	2.80	2	8	61	149	-88	-88
572+50.000	0.00	0.00	0	0	61	152	-91	-91
575+00.000	2.78	0.00	3	0	64	152	-89	-89
575+50.000	2.54	0.03	5	0	69	152	-84	-84
576+00.000	2.69	0.05	5	0	74	152	-79	-79
576+50.000	0.53	8.55	3	8	77	162	-86	-86
577+00.000	0.01	18.88	1	25	78	194	-117	-117
577+50.000	0.01	19.78	0	36	78	239	-162	-162
578+00.000	0.00	18.61	0	36	78	283	-207	-207
578+50.000	0.86	19.61	1	30	79	327	-250	-250
579+00.000	0.17	12.99	1	35	80	365	-287	-287
579+50.000	0.16	2.00	0	14	80	382	-304	-304
580+00.000	0.00	4.03	0	6	80	389	-311	-311
580+50.000	0.05	2.83	0	6	80	397	-319	-319
581+00.000	1.41	0.00	0	4	80	402	-323	-323
581+50.000	0.00	0.43	0	2	80	404	-325	-325
582+00.000	0.07	0.29	0	1	80	405	-326	-326
582+50.000	0.05	0.20	0	0	80	406	-327	-327
583+00.000	0.03	2.17	0	2	80	408	-329	-329
583+50.000	0.00	0.70	0	3	80	412	-333	-333
584+00.000	0.00	0.92	0	1	80	414	-335	-335
584+50.000	0.00	0.75	0	2	80	416	-336	-336
585+00.000	0.32	0.00	0	0	80	416	-337	-337
585+50.000	0.00	1.76	0	2	80	418	-339	-339
586+00.000	0.66	2.28	1	4	81	423	-343	-343
586+50.000	0.30	0.16	1	2	81	426	-345	-345
587+00.000	0.82	0.00	1	0	82	426	-344	-344
587+50.000	0.00	0.00	1	0	83	426	-343	-343
590+00.000	5.00	0.00	5	0	88	426	-338	-338
590+50.000	2.47	1.94	7	2	95	428	-334	-334
591+00.000	2.04	3.63	4	5	99	435	-336	-336
591+50.000	2.74	1.14	4	4	103	440	-337	-337
592+00.000	4.18	0.00	6	1	110	442	-332	-332
592+50.000	2.05	1.22	6	1	115	443	-328	-328
593+00.000	2.20	2.83	4	4	119	448	-329	-329
593+50.000	2.27	9.53	4	11	123	462	-339	-339

NOTES:  
 1 - CUT  
 2 - FILL  
 3 - MASS ORDINATE  
 [(CUT) - ((FILL) \* FILL FACTOR)]

(CUT DOES INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 DOES NOT INCLUDE PAVEMENT EXC VOLUME.  
 SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 [(CUT) - ((FILL) \* FILL FACTOR)]

CONTINUED FROM PREVIOUS SHEET

**DIVISION 6 - STH 67**

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		EXPANDED FILL 1.25	MASS ORDNATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	FILL		
594+00.000	1.84	21.62	4	29	127	498	-371	
594+30.000	2.75	2.21	3	13	130	515	-385	
594+50.000	1.55	0.00	2	1	131	516	-384	
595+00.000	0.33	0.38	2	0	133	516	-383	
595+25.000	1.14	0.00	1	0	134	516	-382	
595+50.000	0.00	0.00	1	0	134	516	-381	
603+75.000	1.71	0.00	1	0	135	516	-381	
604+00.000	0.09	0.46	1	0	136	517	-381	
604+50.000	0.00	5.61	0	6	136	524	-388	
605+00.000	0.00	18.53	0	22	136	552	-416	
605+50.000	0.23	14.71	0	31	136	590	-454	
605+75.000	2.88	15.39	1	14	138	608	-470	
606+00.000	1.96	14.03	2	14	140	625	-465	
606+50.000	5.81	0.46	7	13	147	641	-494	
606+75.000	6.58	0.03	6	0	153	642	-489	
607+00.000	2.86	0.00	4	0	157	642	-484	
607+50.000	3.97	0.00	6	0	164	642	-478	
608+00.000	2.31	0.12	6	0	169	642	-472	
608+50.000	2.53	0.11	4	1	174	642	-468	
609+00.000	1.58	0.93	4	0	178	643	-466	
609+50.000	1.09	3.87	2	4	180	649	-469	
610+00.000	0.16	1.99	1	5	181	656	-474	
610+50.000	0.15	3.73	0	5	182	662	-481	
611+00.000	1.19	0.57	1	4	183	667	-484	
611+50.000	0.00	0.00	1	1	184	668	-484	
619+80.170	12.64	1.04	7	1	191	669	-478	
620+00.000	13.09	0.99	9	1	200	669	-469	
620+50.000	13.74	2.43	25	3	225	673	-448	
620+78.270	0.00	0.00	7	1	232	675	-443	
621+78.850	13.66	0.00	7	0	240	675	-435	
622+00.000	12.34	0.39	10	0	250	675	-425	
622+39.100	13.57	0.00	19	0	269	676	-406	
<b>COLUMN TOTALS</b>			269	540				

NOTES:  
 1 - CUT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL DOES NOT INCLUDE PAVEMENT EXC VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDNATE [(CUT) - ((FILL) \* FILL FACTOR)]

**Addendum No. 2**  
**ID 4550-03-71**  
**Revised Sheet 404**  
**November 5, 2020**

DIVISION 6 - CTH J

STATION	AREA (SF)		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		MASS ORDNATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
1098+27.326	4.95	0.34	3	0	3	0	2
1098+50.000	7.03	0.25	5	0	8	1	7
1099+00.000	15.46	0.45	21	1	28	1	27
1099+50.000	23.14	12.09	36	12	64	16	48
1099+60.000	52.96	23.47	14	7	78	24	54
1100+00.000	40.07	25.33	138	72	216	114	102
1100+50.000	55.84	15.61	18	8	234	8	110
1101+00.000	25.99	0.97	76	15	310	143	166
1101+39.325	22.03	3.56	35	3	344	147	197
1101+50.000	13.54	0.01	7	1	352	148	203
1101+74.245	13.32	0.00	12	0	364	148	215
<b>COLUMN TOTALS</b>			364	119			

DIVISION 6 - GARTON ROAD

STATION	AREA (SF)		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		MASS ORDNATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
1200+30.000	2.88	19.04	0	0	0	0	0
1200+50.000	3.21	2.58	2	8	2	10	-8
1200+63.082	6.07	2.90	2	1	5	12	-7
<b>COLUMN TOTALS</b>			5	9			

NOTES:  
 1 - CUT MATERIAL - SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL DOES NOT INCLUDE PAVEMENT EXC VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDNATE [(CUT) - ((FILL) \* FILL FACTOR)]

Addendum No. 2  
 ID 4550-03-71  
 Revised Sheet 405  
 November 5, 2020

Addendum No. 2  
ID 4550-03-71  
Revised Sheet 406  
November 5, 2020

DIVISION 6 - BADGER ROAD WEST		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		MASS ORDNATE
STATION	AREA (SF)	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	NOTE 3
1304+93.914	0.91	0	0	0	0	0
1305+00.000	0.41	2	0	2	0	2
1305+20.000	26.59	9	10	11	13	-2
<b>COLUMN TOTALS</b>		11	10			

DIVISION 6 - BADGER ROAD EAST		INCREMENTAL VOL. (CY) (UNADJUSTED)		CUMULATIVE VOL. (CY)		MASS ORDNATE
STATION	AREA (SF)	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	NOTE 3
1400+80.000	2.59	0	0	0	0	0
1401+00.000	1.35	9	1	9	2	7
1401+50.000	0.24	14	1	23	4	19
1401+90.491	0.00	16	0	39	4	35
<b>COLUMN TOTALS</b>		39	3			

**NOTES:**  
 1 - CUT  
 CUT DOES INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL  
 DOES NOT INCLUDE PAVEMENT EXC VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDNATE  
 [(CUT) - ((FILL) \* FILL FACTOR)]



Addendum No. 2  
 ID 4550-03-71  
 Revised Sheet 407  
 November 5, 2020

DIVISION 6 - CTH MM WEST						
STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	
1499+10.666	8.09	40.53	0	0	0	0
1499+30.000	13.29	96.18	8	49	8	-54
COLUMN TOTALS			8	49		

DIVISION 6 - CTH MM EAST						
STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)	MASS ORDINATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	
1600+80.000	6.14	29.53	0	0	0	0
1601+00.000	7.15	6.32	5	13	5	-12
1601+50.000	8.41	0.03	14	6	19	-5
1601+90.000	7.48	0.06	12	0	31	7
COLUMN TOTALS			31	19		

NOTES:  
 1 - CUT MATERIAL - SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 2 - FILL DOES NOT INCLUDE PAVEMENT EXC VOLUME. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.  
 3 - MASS ORDINATE  $[(CUT) - ((FILL) * FILL FACTOR)]$

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		MASS ORDNATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
1800+30.000	110.26	2.40	0	0	0	0	0
1800+50.000	484.57	4.02	224	2	224	3	221
1801+00.000	108.72	0.04	559	4	783	8	775
1801+17.890	6.13	0.29	38	0	821	8	813
<b>COLUMN TOTALS</b>							
			821	6			

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		MASS ORDNATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
1700+30.000	18.78	17.86	0	0	0	0	0
1700+50.000	20.29	21.90	14	15	14	18	-4
1701+00.000	19.50	0.00	37	20	51	44	8
1701+24.065	15.70	0.00	16	0	67	44	2.3
<b>COLUMN TOTALS</b>							
			67	35			

STATION	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		MASS ORDNATE NOTE 3
	CUT	FILL	CUT NOTE 1	FILL NOTE 2	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	
2200+30.000	16.57	15.05	0	0	0	0	0
2200+50.000	15.04	9.90	12	9	12	12	0
2200+83.135	13.33	10.59	17	13	29	27	2
2200+90.002	4.99	6.37	2	2	31	30	1
<b>COLUMN TOTALS</b>							
			31	24			

**NOTES:**

1 - CUT  
CUT DOES INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL. SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.

2 - FILL  
DOES NOT INCLUDE PAVEMENT EXC VOLUME SALVAGED/UNUSABLE PAVEMENT MATERIAL IS CALCULATED ON THE SUMMARY SHEET.

3 - MASS ORDNATE  
[(CUT) - ((FILL) \* FILL FACTOR)]

Addendum No. 2  
ID 4550-03-71  
Revised Sheet 408  
November 5, 2020



## Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

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	509.0301 Preparation Decks Type 1	33.000 SY	_____.	_____.
0128	509.0302 Preparation Decks Type 2	18.000 SY	_____.	_____.
0130	509.0500 Cleaning Decks	360.000 SY	_____.	_____.
0132	509.2000 Full-Depth Deck Repair	1.000 SY	_____.	_____.
0134	509.2500 Concrete Masonry Overlay Decks	23.000 CY	_____.	_____.
0136	516.0500 Rubberized Membrane Waterproofing	17.000 SY	_____.	_____.
0138	520.8000 Concrete Collars for Pipe	21.000 EACH	_____.	_____.
0140	520.8700 Cleaning Culvert Pipes	3.000 EACH	_____.	_____.
0142	521.1015 Apron Endwalls for Culvert Pipe Steel 15-Inch	2.000 EACH	_____.	_____.
0144	521.1018 Apron Endwalls for Culvert Pipe Steel 18-Inch	4.000 EACH	_____.	_____.
0146	521.1021 Apron Endwalls for Culvert Pipe Steel 21-Inch	2.000 EACH	_____.	_____.
0148	521.1024 Apron Endwalls for Culvert Pipe Steel 24-Inch	7.000 EACH	_____.	_____.
0150	521.1030 Apron Endwalls for Culvert Pipe Steel 30-Inch	2.000 EACH	_____.	_____.
0152	521.1048 Apron Endwalls for Culvert Pipe Steel 48-Inch	2.000 EACH	_____.	_____.
0154	521.1518 Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 6 to 1	9.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110022 Project(s): 4550-03-71, 4550-04-71

Federal ID(s): WISC 2020543, WISC 2020544

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0384	650.9910 Construction Staking Supplemental Control (project) 01. 4550-03-71	LS	LUMP SUM	_____.
0386	650.9910 Construction Staking Supplemental Control (project) 02. 4550-04-71	LS	LUMP SUM	_____.
0388	650.9920 Construction Staking Slope Stakes	46,800.000 LF	_____.	_____.
0390	690.0150 Sawing Asphalt	10,580.000 LF	_____.	_____.
0392	690.0250 Sawing Concrete	2,360.000 LF	_____.	_____.
0394	715.0415 Incentive Strength Concrete Pavement	3,634.000 DOL	1.00000	3,634.00
0396	715.0502 Incentive Strength Concrete Structures	534.000 DOL	1.00000	534.00
0398	715.0710 Optimized Aggregate Gradation Incentive	13,219.000 DOL	1.00000	13,219.00
0400	740.0440 Incentive IRI Ride	69,058.000 DOL	1.00000	69,058.00
0402	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
0404	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	3,040.000 HRS	5.00000	15,200.00
0406	SPV.0060 Special 01. Cleaning Storm Sewer	24.000 EACH	_____.	_____.
0408	SPV.0060 Special 03. Adjusting Water Valve Boxes	34.000 EACH	_____.	_____.
0410	SPV.0060 Special 04. Adjusting Manhole Covers with Pro-Ring	41.000 EACH	_____.	_____.
0412	SPV.0090 Special 01. Concrete Curb & Gutter 2-Inch Sloped 18-Inch	845.000 LF	_____.	_____.